

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024504.D
 Acq On : 13 Jun 2018 13:28
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 13 13:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:15:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304625	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	301137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	445713	116.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.84%	
35) Dibromofluoromethane	4.89	113	362857	115.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	231.96%	
50) Toluene-d8	7.57	98	1342614	114.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.66%	
62) 4-Bromofluorobenzene	10.31	95	574678	134.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	342569	117.38	ug/l	99
3) Chloromethane	1.33	50	351149	103.26	ug/l	99
4) Vinyl Chloride	1.40	62	363963	96.14	ug/l	99
5) Bromomethane	1.61	94	163560	78.62	ug/l	99
6) Chloroethane	1.68	64	209993	82.00	ug/l	98
7) Trichlorofluoromethane	1.88	101	537052	104.47	ug/l	98
8) Diethyl Ether	2.10	74	191940	93.39	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.28	101	325883	113.89	ug/l	98
10) Methyl Iodide	2.41	142	330991	182.43	ug/l	99
11) Tert butyl alcohol	2.84	59	545290	752.97	ug/l	99
12) 1,1-Dichloroethene	2.28	96	306995	114.52	ug/l	95
13) Acrolein	2.19	56	292902	388.55	ug/l	99
14) Allyl chloride	2.59	41	621655	136.68	ug/l	90
15) Acrylonitrile	2.94	53	1097925	567.63	ug/l	99
16) Acetone	2.32	43	1208120	496.40	ug/l	99
17) Carbon Disulfide	2.47	76	1011413	122.63	ug/l	99
18) Methyl Acetate	2.62	43	513986	106.27	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	1173711	139.33	ug/l	97
20) Methylene Chloride	2.70	84	363048	108.56	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	342667	119.13	ug/l	97
22) Diisopropyl ether	3.57	45	1146437	125.10	ug/l	98
23) Vinyl Acetate	3.53	43	5193302	771.07	ug/l	99
24) 1,1-Dichloroethane	3.45	63	659738	114.98	ug/l	99
25) 2-Butanone	4.27	43	1695005	582.43	ug/l	98
26) 2,2-Dichloropropane	4.23	77	616139	140.85	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	394624	126.26	ug/l	100
28) Bromochloromethane	4.55	49	283590	134.97	ug/l	88
29) Tetrahydrofuran	4.64	42	986575	594.05	ug/l	97
30) Chloroform	4.68	83	664194	114.25	ug/l	99
31) Cyclohexane	5.00	56	598392	105.17	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	612410	130.98	ug/l	96
36) 1,1-Dichloropropene	5.14	75	509556	117.21	ug/l	98
37) Ethyl Acetate	4.38	43	591108	121.27	ug/l	96
38) Carbon Tetrachloride	5.14	117	560317	135.36	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024504.D
 Acq On : 13 Jun 2018 13:28
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 13 13:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:15:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	627796	133.66	ug/l	96
40) Benzene	5.39	78	1441696	110.03	ug/l	100
41) Methacrylonitrile	4.54	41	324420	118.76	ug/l	99
42) 1,2-Dichloroethane	5.41	62	553343	110.27	ug/l	100
43) Isopropyl Acetate	5.55	43	979224	131.91	ug/l	98
44) Trichloroethene	6.19	130	411617	120.56	ug/l	97
45) 1,2-Dichloropropane	6.44	63	391798	111.26	ug/l	99
46) Dibromomethane	6.56	93	279326	119.81	ug/l	97
47) Bromodichloromethane	6.76	83	552942	122.59	ug/l	98
48) Methyl methacrylate	6.63	41	487206	133.88	ug/l	98
49) 1,4-Dioxane	6.62	88	200874	2616.38	ug/l	98
51) 4-Methyl-2-Pentanone	7.47	43	3176483	593.10	ug/l	98
52) Toluene	7.64	92	943470	121.33	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	662358	141.21	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	667282	130.38	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	385751	115.63	ug/l	98
56) Ethyl methacrylate	8.02	69	673809	154.97	ug/l	99
57) 1,3-Dichloropropane	8.25	76	652798	113.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	1328598	594.14	ug/l	96
59) 2-Hexanone	8.37	43	2650445	618.56	ug/l	99
60) Dibromochloromethane	8.48	129	486109	143.61	ug/l	100
61) 1,2-Dibromoethane	8.59	107	433928	124.36	ug/l	99
64) Tetrachloroethene	8.23	164	385106	128.64	ug/l	99
65) Chlorobenzene	9.12	112	1099160	125.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	417723	138.87	ug/l	98
67) Ethyl Benzene	9.25	91	1882404	133.22	ug/l	97
68) m/p-Xylenes	9.38	106	1473528	273.76	ug/l	96
69) o-Xylene	9.78	106	728219	146.78	ug/l	94
70) Styrene	9.80	104	1247481	147.67	ug/l	99
71) Bromoform	9.96	173	430500	165.82	ug/l #	99
73) Isopropylbenzene	10.17	105	1970017	148.01	ug/l	99
74) N-amyl acetate	10.02	43	994659	165.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	684914	118.65	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	869954	214.84	ug/l	83
77) Bromobenzene	10.46	156	517586	140.44	ug/l	98
78) n-propylbenzene	10.59	91	2359120	142.97	ug/l	97
79) 2-Chlorotoluene	10.66	91	1383608	138.14	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	1717267	152.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	869928	455.76	ug/l #	100
82) 4-Chlorotoluene	10.78	91	1644711	141.54	ug/l	99
83) tert-Butylbenzene	11.10	119	1676629	152.60	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	1798637	157.69	ug/l	100
85) sec-Butylbenzene	11.33	105	2129487	154.37	ug/l	98
86) p-Isopropyltoluene	11.48	119	1914925	157.07	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	992516	140.12	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	995594	134.27	ug/l	100
89) n-Butylbenzene	11.89	91	1783561	148.68	ug/l	97
90) Hexachloroethane	12.15	117	376813	172.41	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	964467	136.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	199898	169.64	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
Data File : VU024504.D
Acq On : 13 Jun 2018 13:28
Operator : MD/SY
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Quant Time: Jun 13 13:47:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:15:08 2018
Response via : Initial Calibration

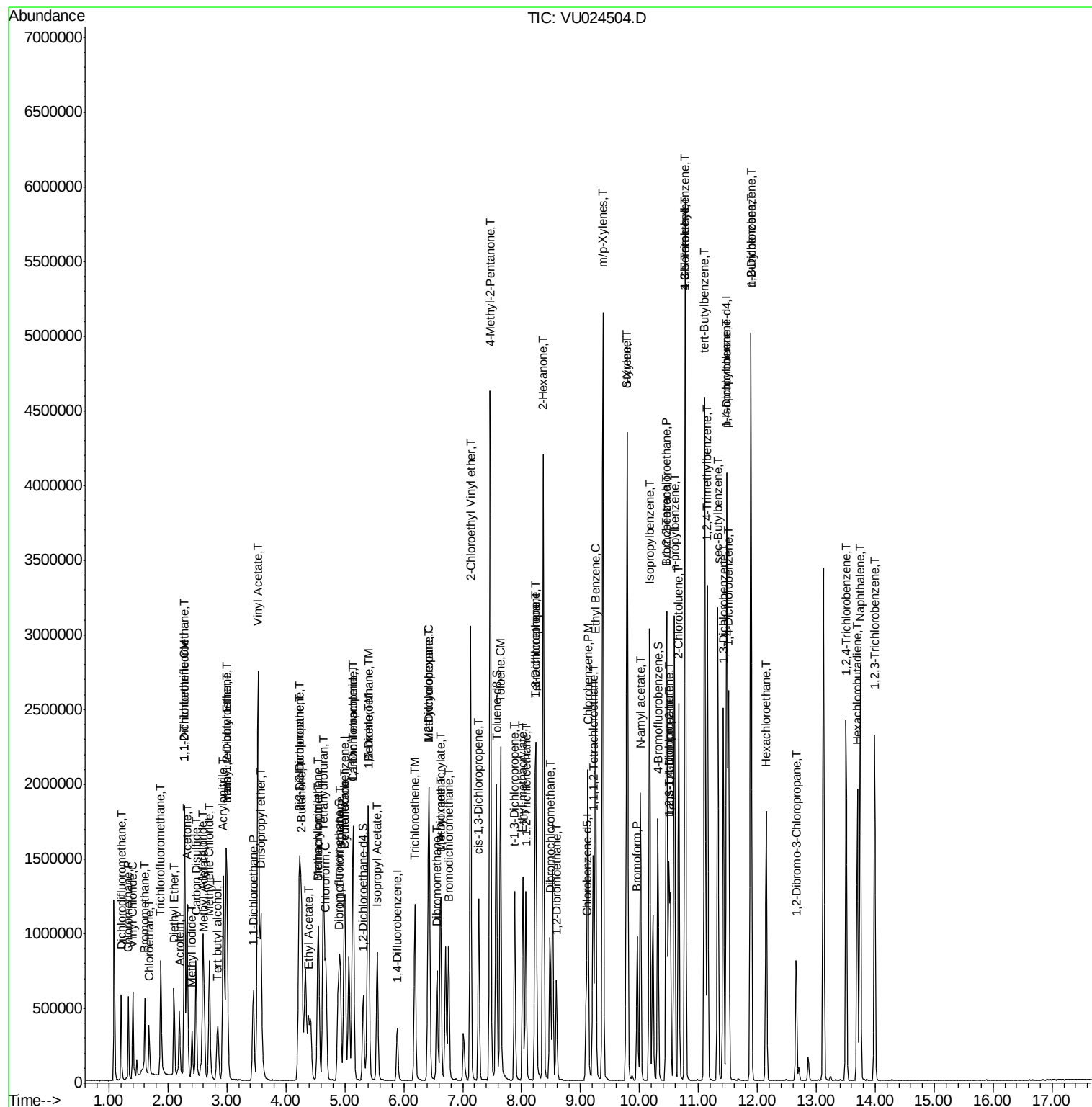
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	710428	169.79	ug/l	99
94) Hexachlorobutadiene	13.70	225	350175	140.90	ug/l	100
95) Naphthalene	13.74	128	2157965	188.62	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	694142	164.18	ug/l	99

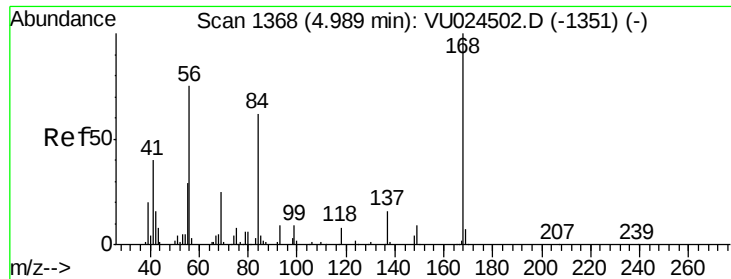
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024504.D
 Acq On : 13 Jun 2018 13:28
 Operator : MD/SY
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 13 13:47:20 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:15:08 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

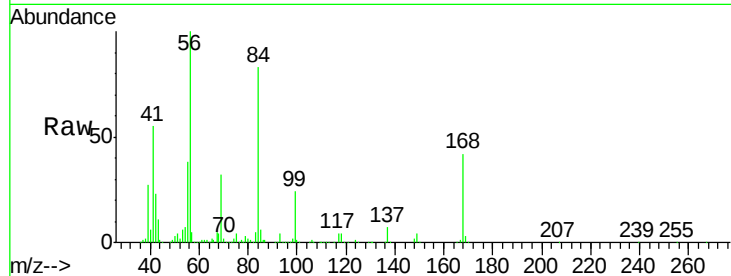
VSTDIC150

Tgt Ion:168 Resp: 192535

Ion Ratio Lower Upper

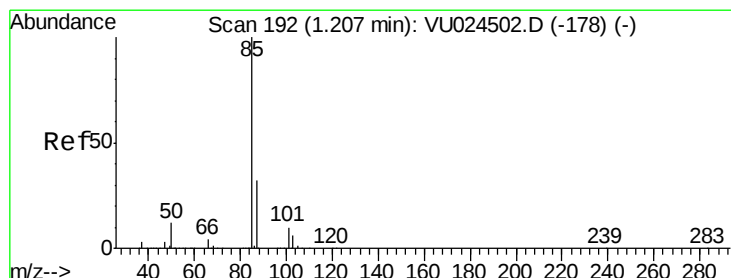
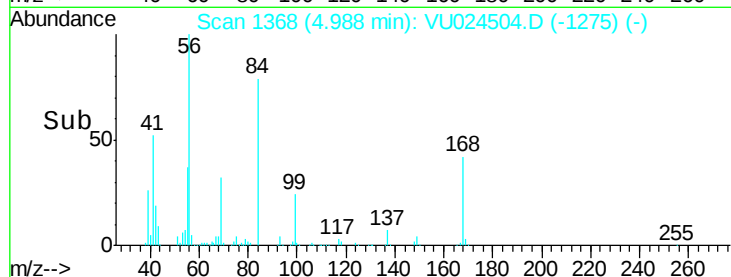
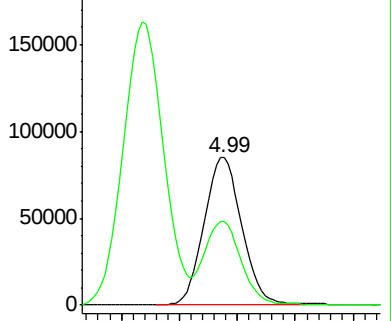
168 100

99 55.8 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: 117.38 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024504.D

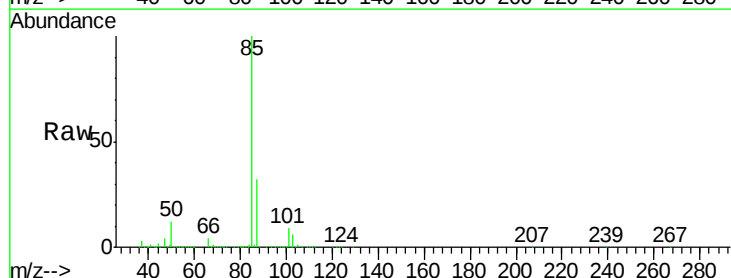
Acq: 13 Jun 2018 13:28

Tgt Ion: 85 Resp: 342569

Ion Ratio Lower Upper

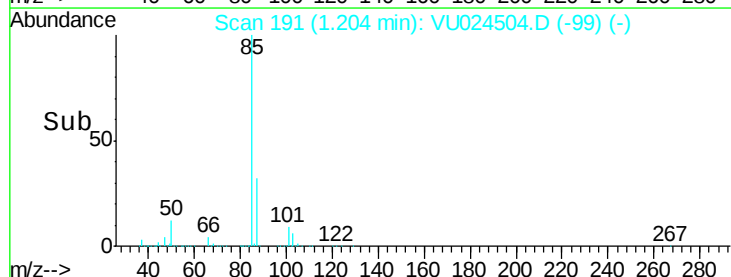
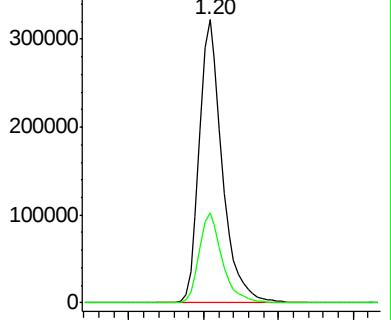
85 100

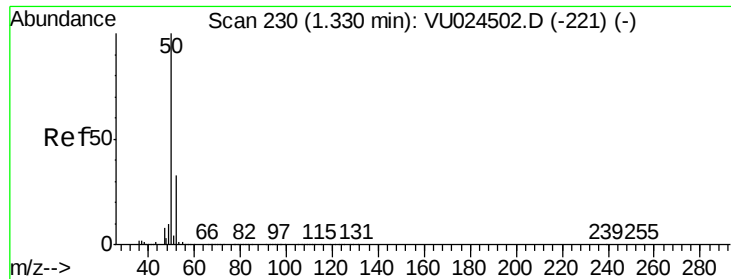
87 31.8 16.1 48.2



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

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

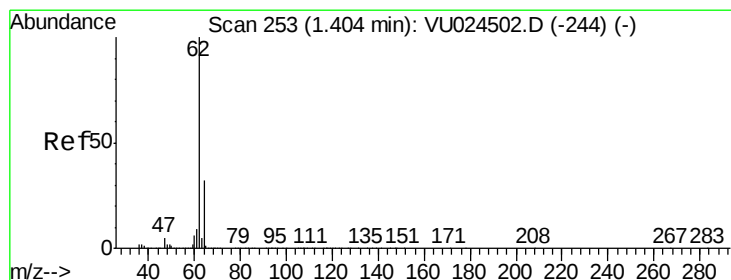
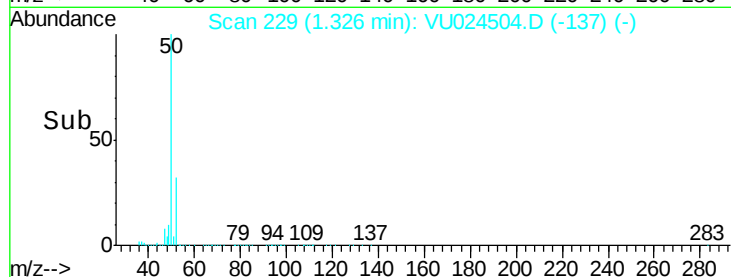
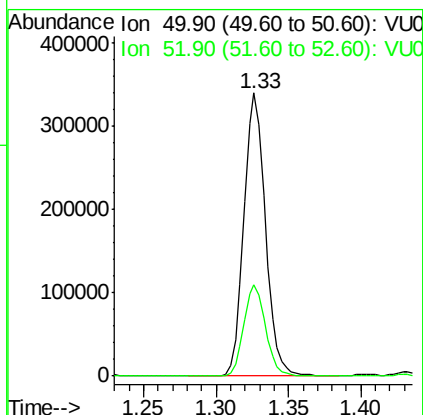
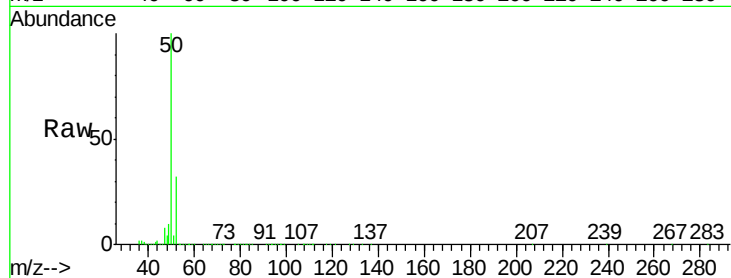




#3
Chloromethane
Concen: 103.26 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

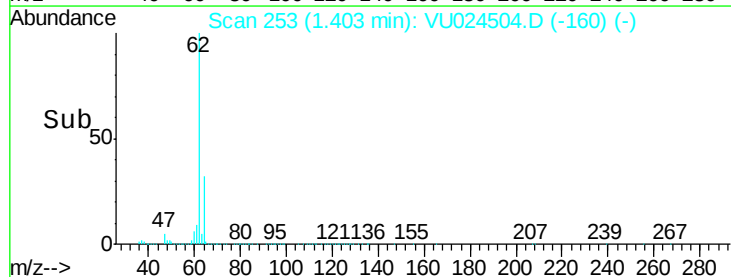
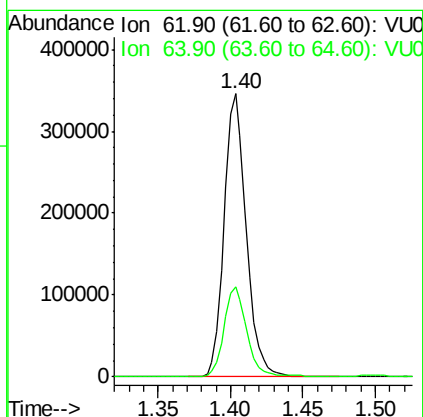
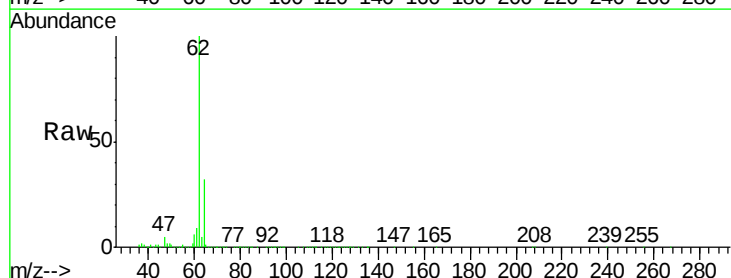
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 351149
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6



#4
Vinyl Chloride
Concen: 96.14 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 62 Resp: 363963
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2





#5

Bromomethane

Concen: 78.62 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

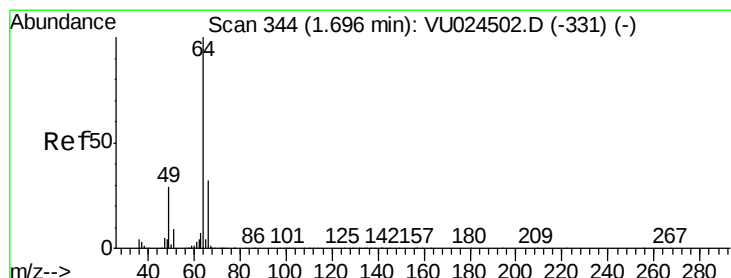
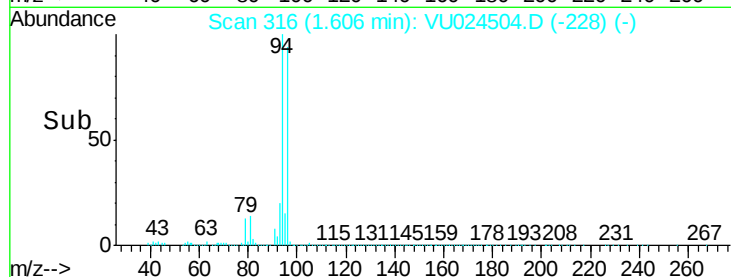
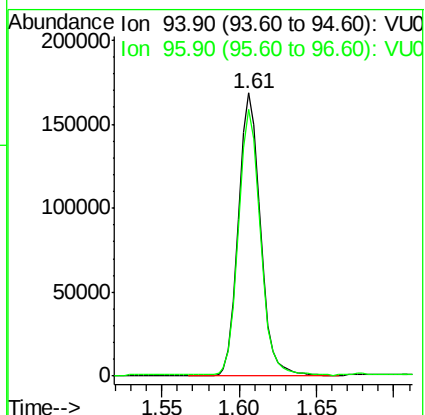
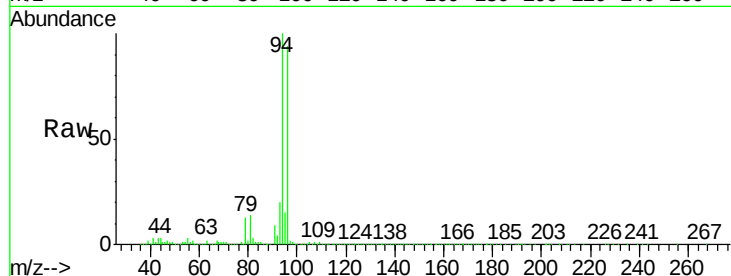
VSTDIC150

Tgt Ion: 94 Resp: 163560

Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7



#6

Chloroethane

Concen: 82.00 ug/l

RT: 1.68 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU024504.D

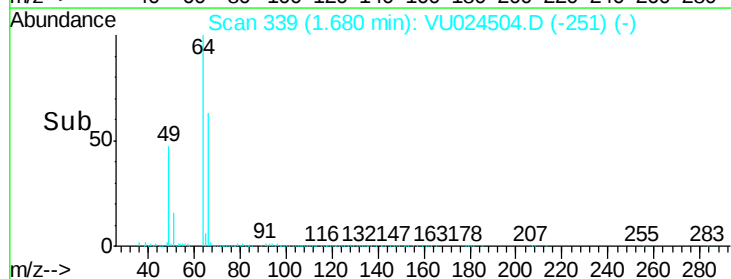
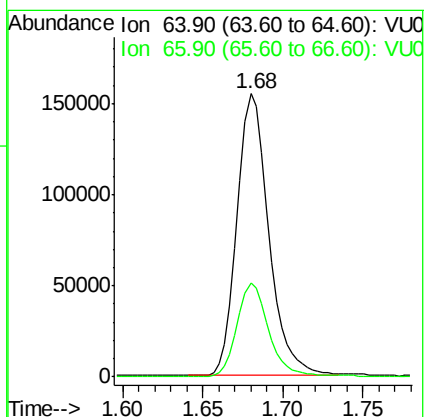
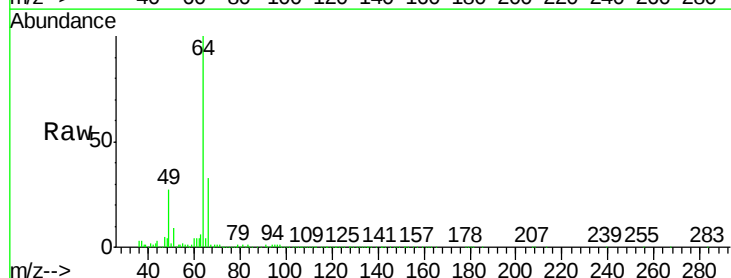
Acq: 13 Jun 2018 13:28

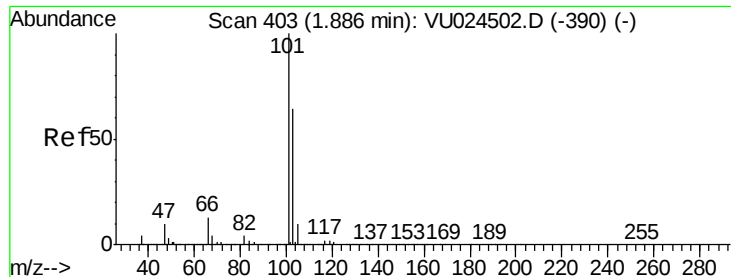
Tgt Ion: 64 Resp: 209993

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

Trichlorofluoromethane

Concen: 104.47 ug/l

RT: 1.88 min Scan# 400

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

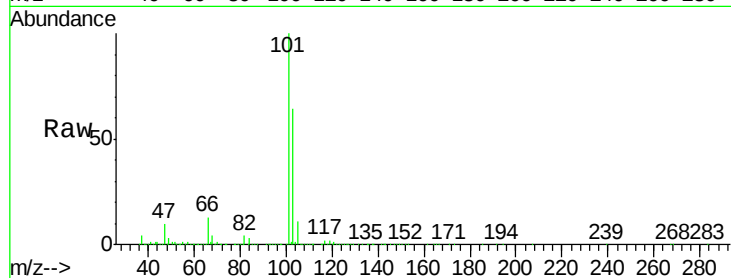
VSTDIC150

Tgt Ion:101 Resp: 537052

Ion Ratio Lower Upper

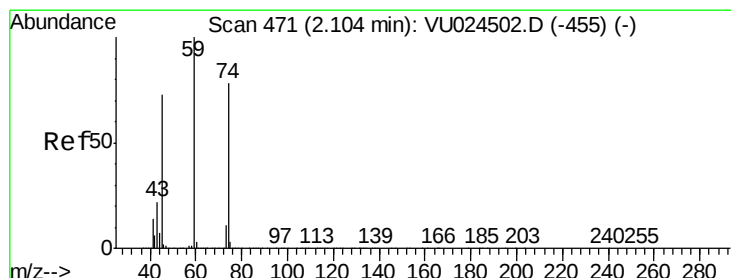
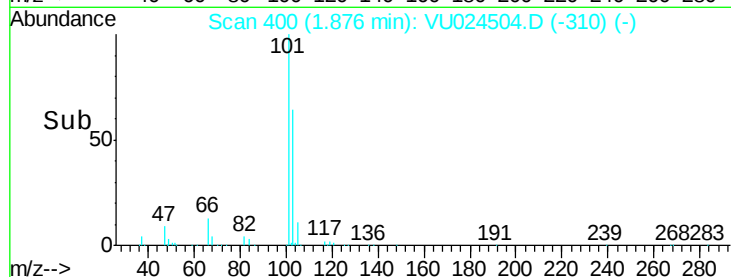
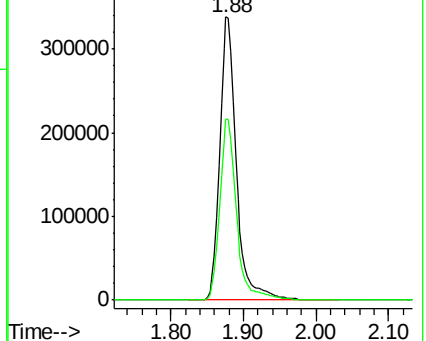
101 100

103 63.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 93.39 ug/l

RT: 2.10 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU024504.D

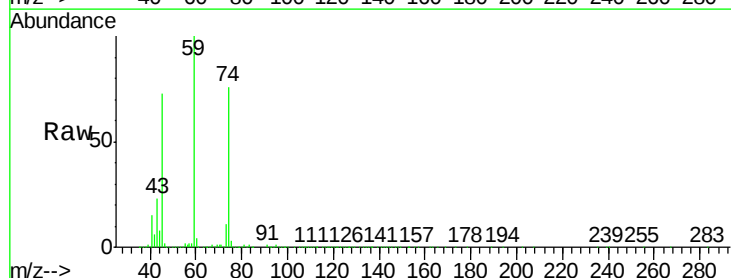
Acq: 13 Jun 2018 13:28

Tgt Ion: 74 Resp: 191940

Ion Ratio Lower Upper

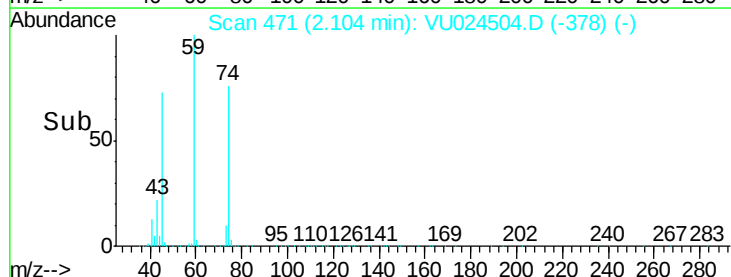
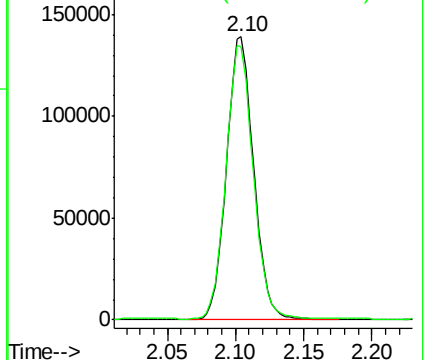
74 100

45 97.5 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 113.89 ug/l

RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

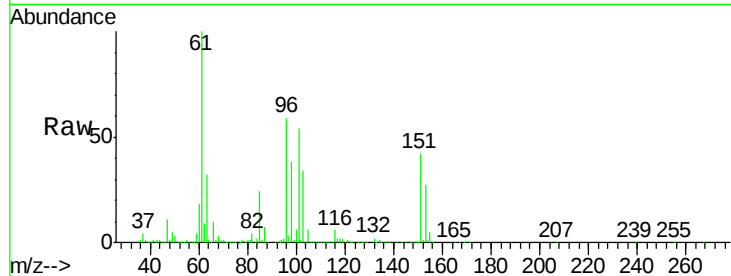
Tgt Ion:101 Resp: 325883

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

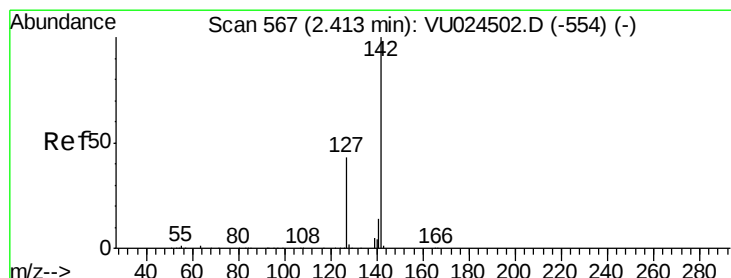
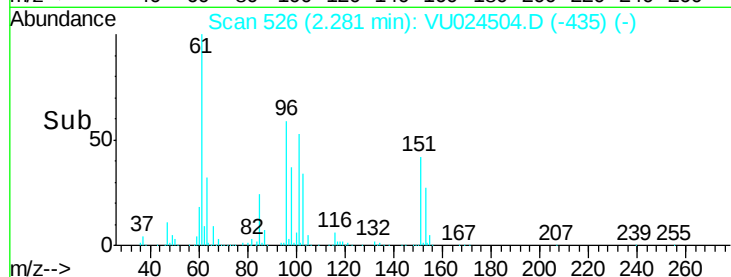
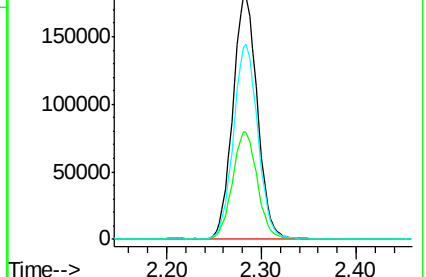
151 79.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 182.43 ug/l

RT: 2.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

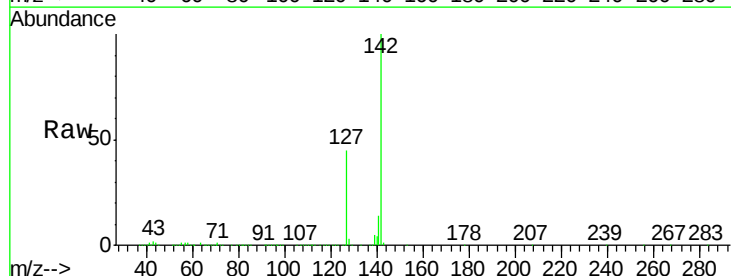
Tgt Ion:142 Resp: 330991

Ion Ratio Lower Upper

142 100

127 45.0 35.6 53.4

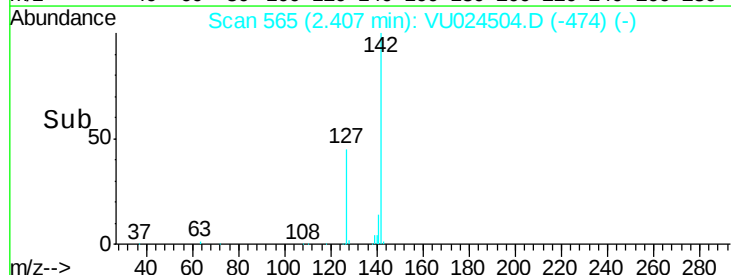
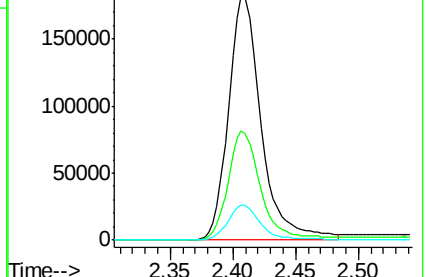
141 14.3 11.7 17.5

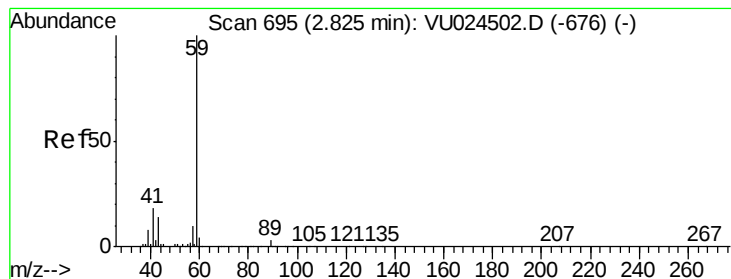


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



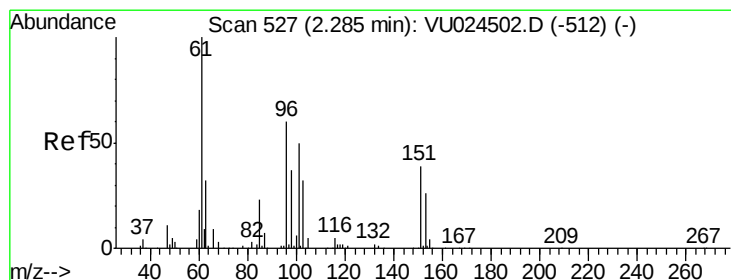
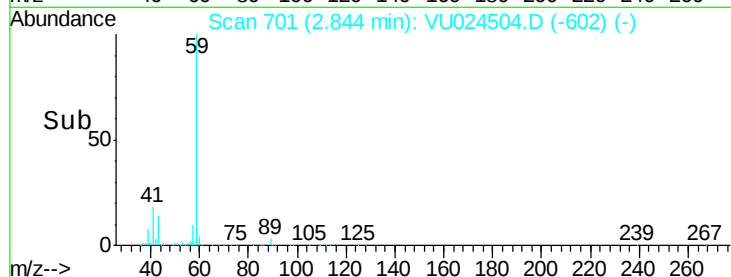
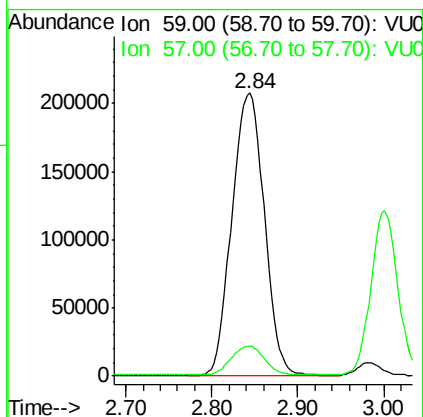
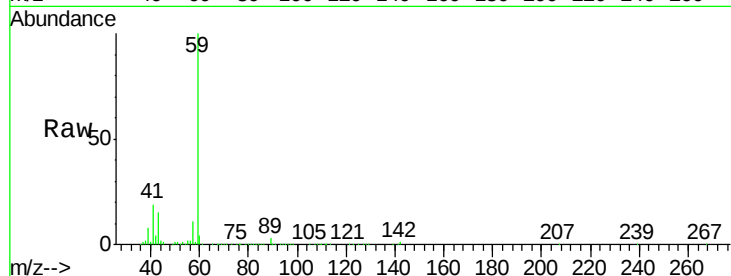


#11

Tert butyl alcohol
 Concen: 752.97 ug/l
 RT: 2.84 min Scan# 701
 Delta R.T. 0.02 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

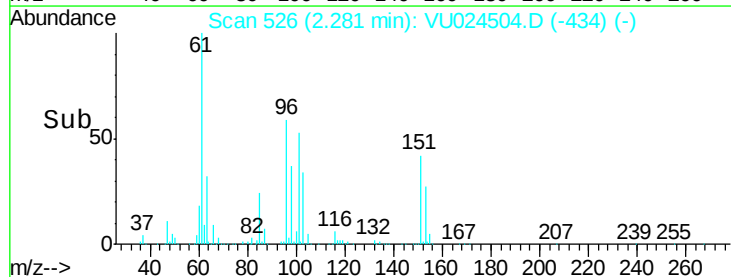
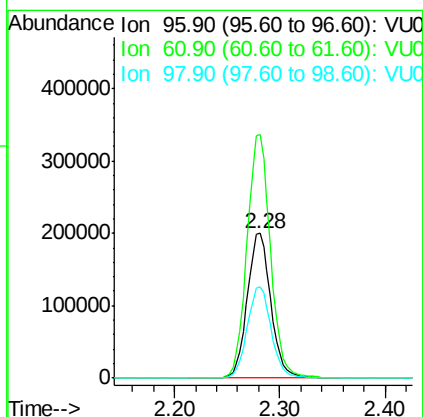
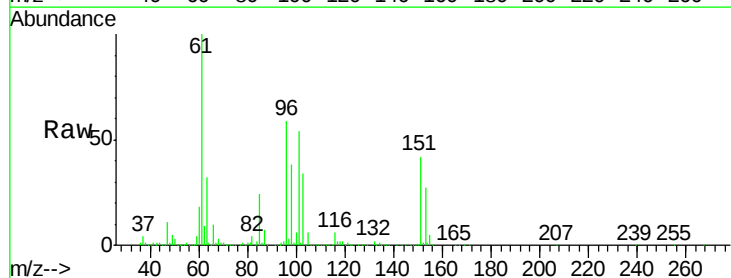
Tgt Ion: 59 Resp: 545290
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

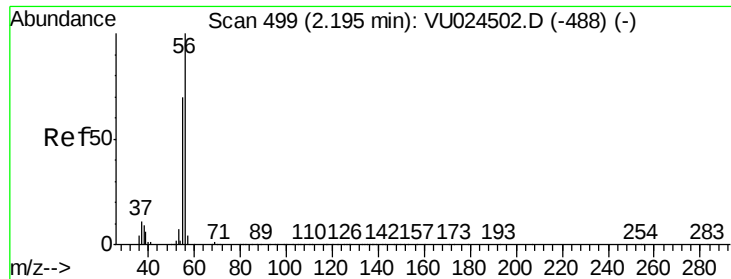


#12

1,1-Dichloroethene
 Concen: 114.52 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion: 96 Resp: 306995
 Ion Ratio Lower Upper
 96 100
 61 169.0 141.7 212.5
 98 63.2 51.6 77.4

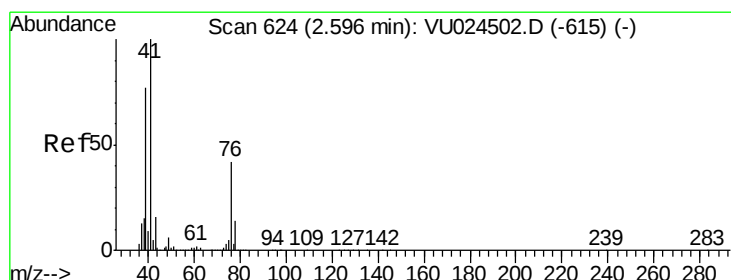
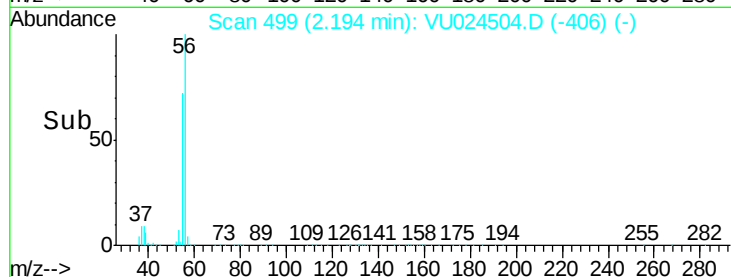
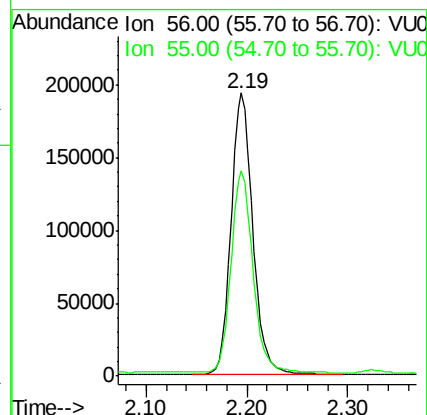
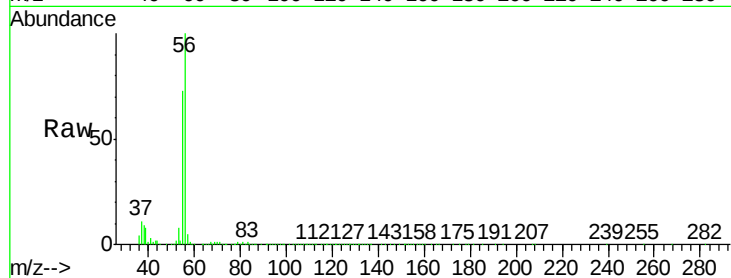




#13
Acrolein
Concen: 388.55 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

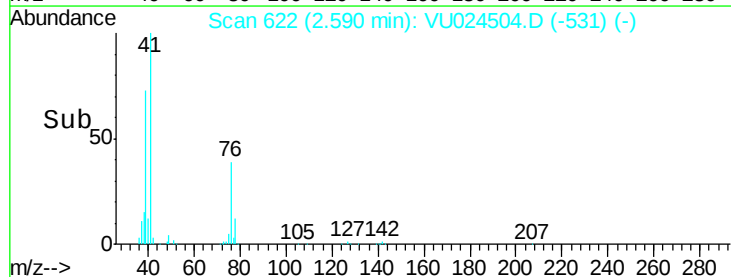
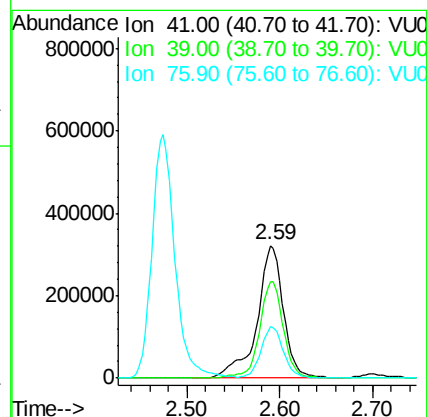
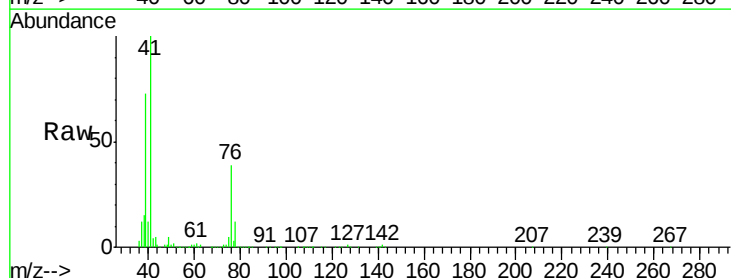
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 292902
Ion Ratio Lower Upper
56 100
55 72.5 58.4 87.6



#14
Allyl chloride
Concen: 136.68 ug/l
RT: 2.59 min Scan# 622
Delta R.T. -0.01 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 41 Resp: 621655
Ion Ratio Lower Upper
41 100
39 66.0 61.6 92.4
76 33.7 29.7 44.5

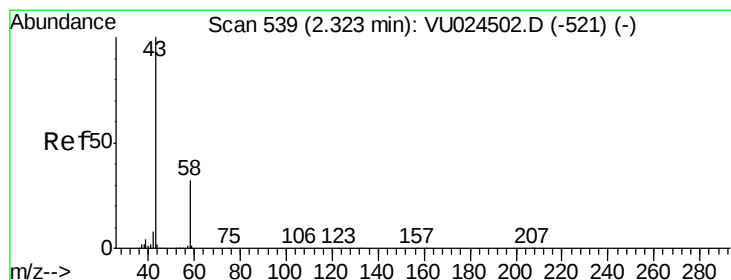
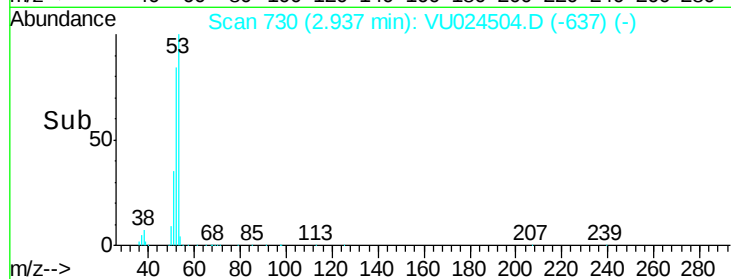
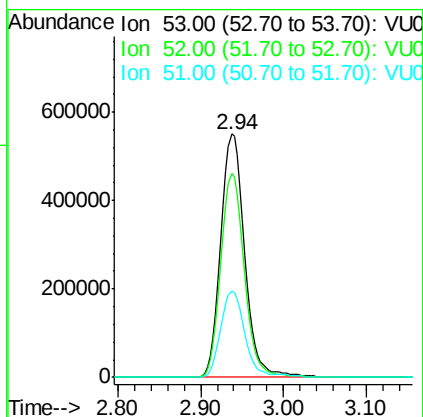
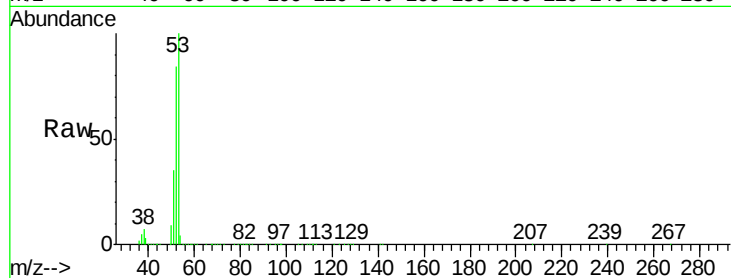




#15
 Acrylonitrile
 Concen: 567.63 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

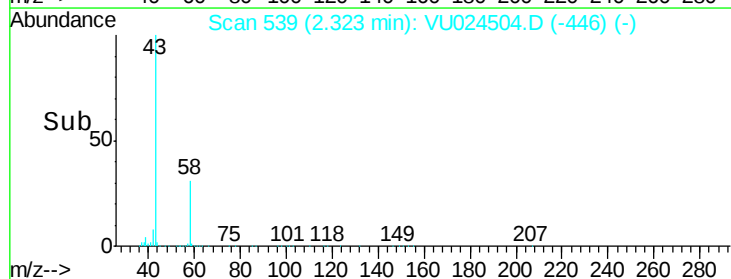
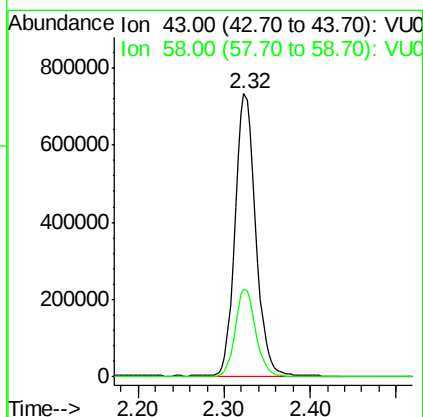
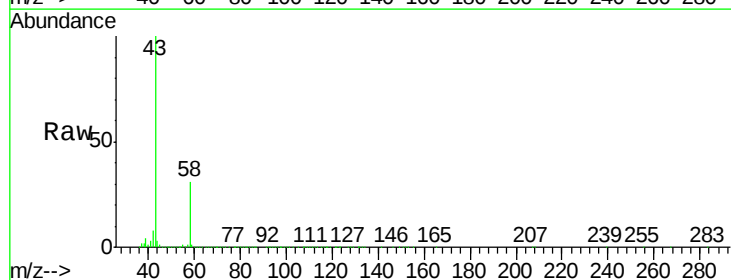
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 53 Resp: 1097925
 Ion Ratio Lower Upper
 53 100
 52 82.8 67.1 100.7
 51 35.1 28.4 42.6



#16
 Acetone
 Concen: 496.40 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion: 43 Resp: 1208120
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.4 36.6

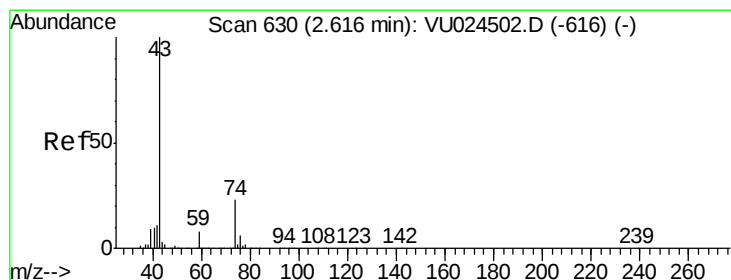
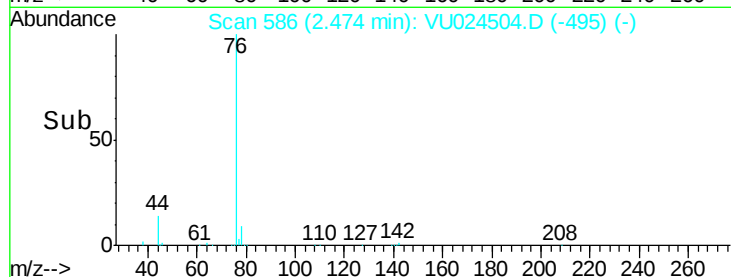
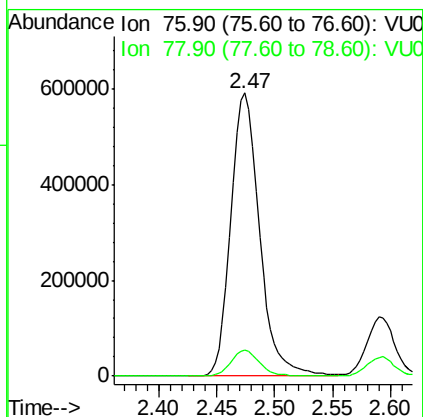
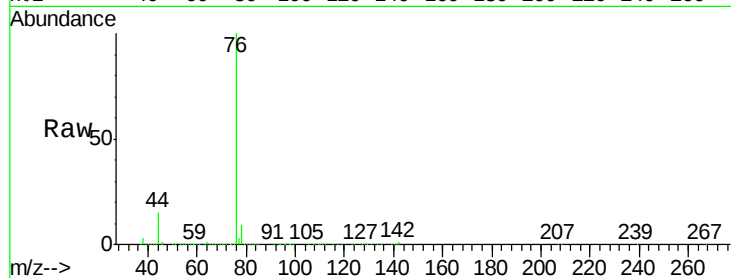




#17
Carbon Disulfide
Concen: 122.63 ug/l
RT: 2.47 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

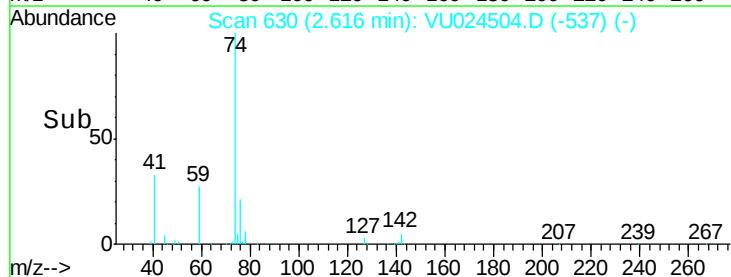
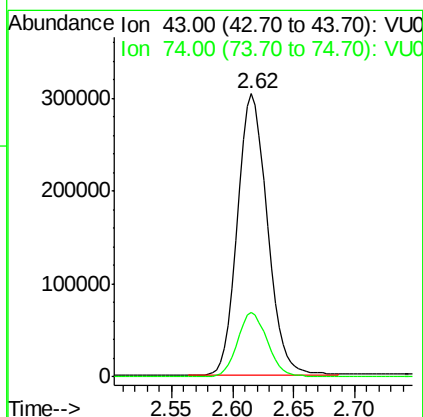
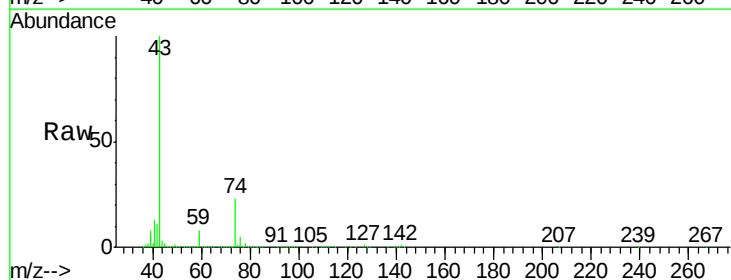
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

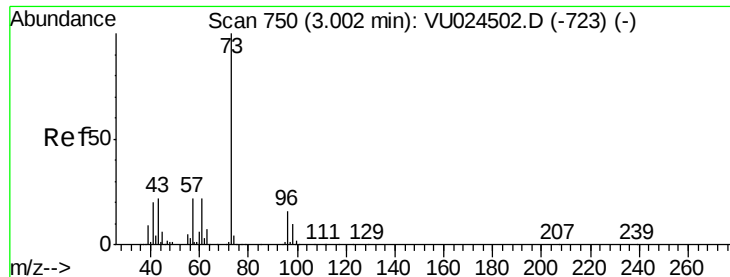
Tgt Ion: 76 Resp: 1011413
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 106.27 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 43 Resp: 513986
Ion Ratio Lower Upper
43 100
74 23.3 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 139.33 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

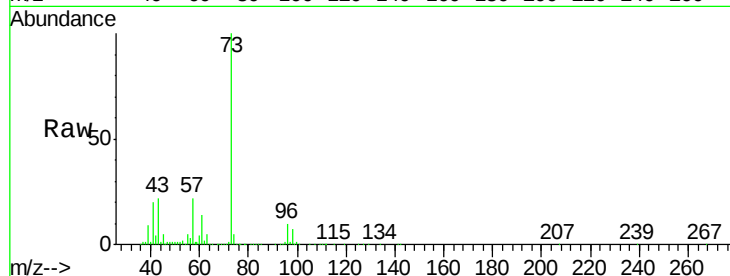
VSTDIC150

Tgt Ion: 73 Resp: 1173711

Ion Ratio Lower Upper

73 100

57 22.2 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024504.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU024504.D (-657) (-)

3.00

600000

500000

400000

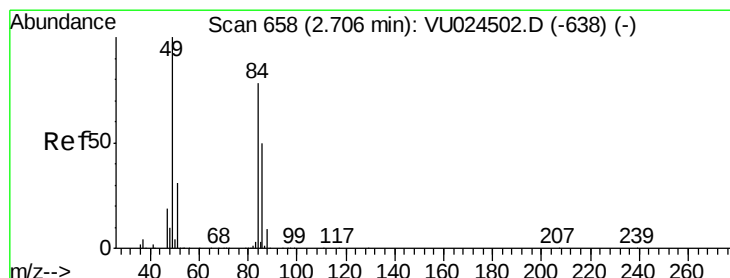
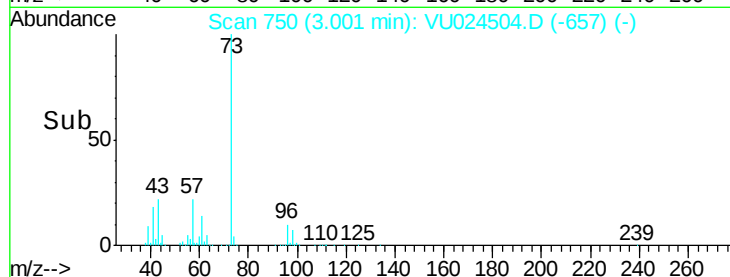
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 108.56 ug/l

RT: 2.70 min Scan# 656

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Tgt Ion: 84 Resp: 363048

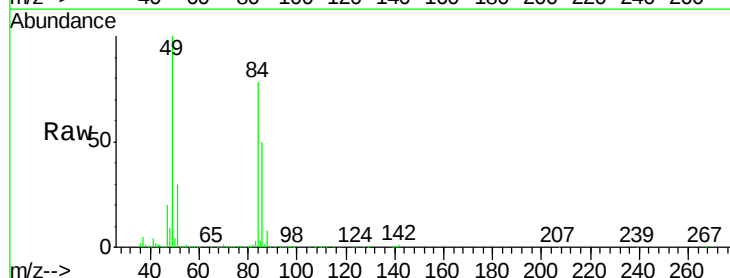
Ion Ratio Lower Upper

84 100

49 128.6 103.8 155.8

51 39.1 32.0 48.0

86 64.0 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024504.D (-565) (-)

Ion 48.90 (48.60 to 49.60): VU024504.D (-565) (-)

Ion 50.90 (50.60 to 51.60): VU024504.D (-565) (-)

Ion 85.90 (85.60 to 86.60): VU024504.D (-565) (-)

2.70

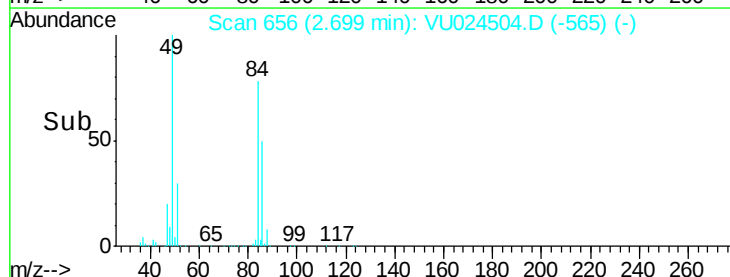
300000

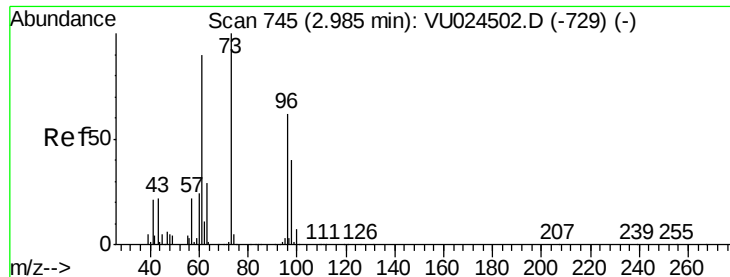
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 119.13 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

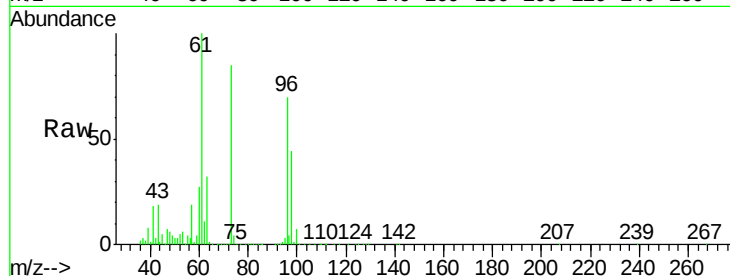
Tgt Ion: 96 Resp: 342667

Ion Ratio Lower Upper

96 100

61 143.9 119.4 179.0

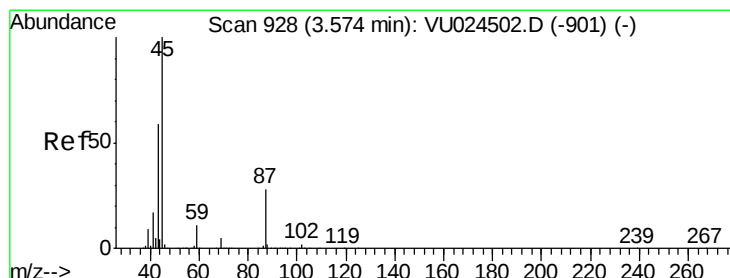
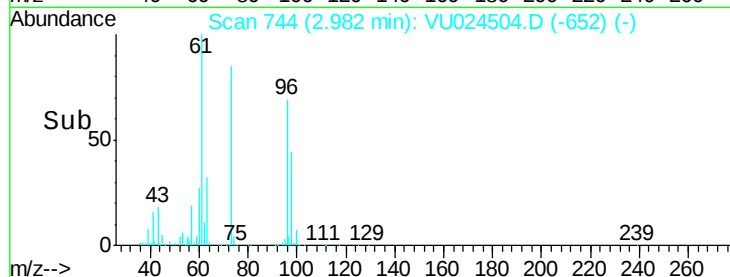
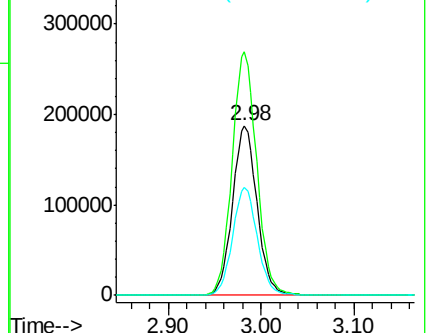
98 63.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-729) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-729) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-729) (-)



#22

Diisopropyl ether

Concen: 125.10 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Tgt Ion: 45 Resp: 1146437

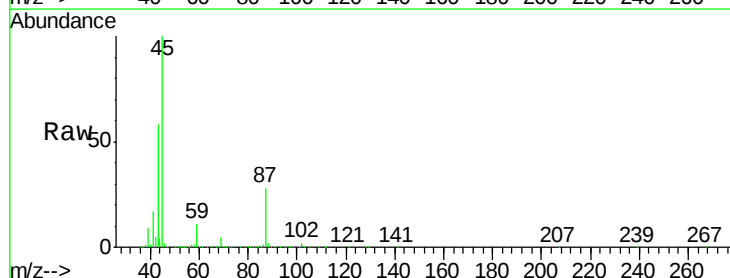
Ion Ratio Lower Upper

45 100

43 57.8 45.8 68.6

87 28.2 20.6 31.0

59 11.3 9.4 14.0

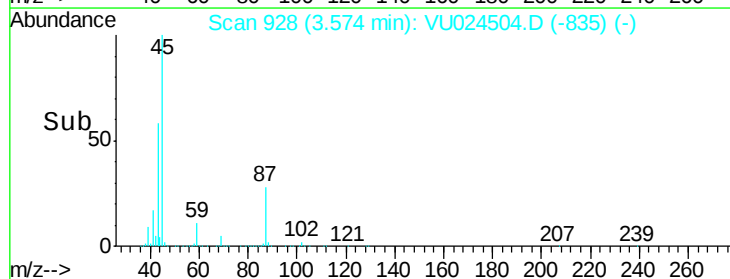
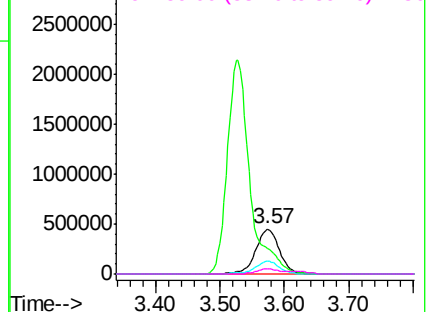


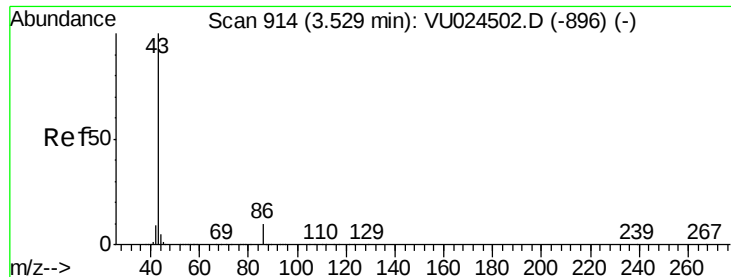
Abundance Ion 45.00 (44.70 to 45.70): VU024502.D (-901) (-)

Ion 43.00 (42.70 to 43.70): VU024502.D (-901) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-901) (-)

Ion 59.00 (58.70 to 59.70): VU024502.D (-901) (-)





#23

Vinyl Acetate

Concen: 771.07 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

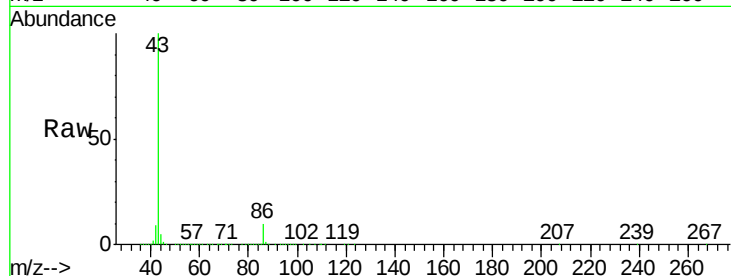
VSTDIC150

Tgt Ion: 43 Resp: 5193302

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU024504.D (-821) (-)

Ion 86.00 (85.70 to 86.70): VU024504.D (-821) (-)

2500000

2000000

1500000

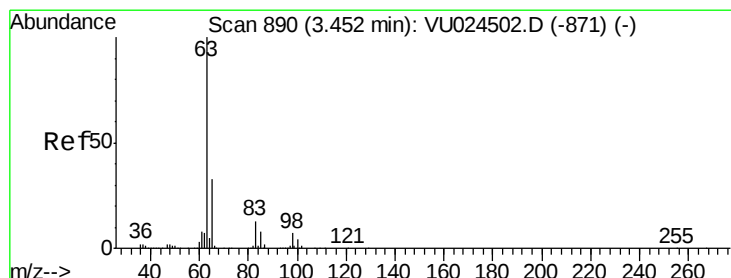
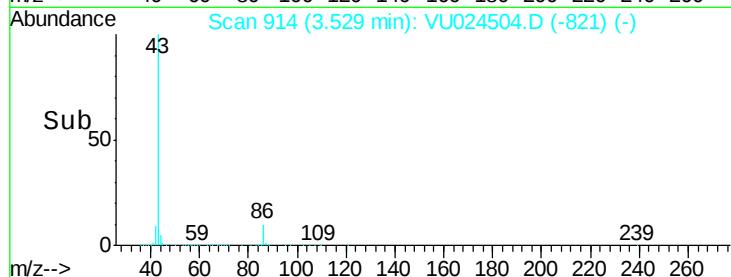
1000000

500000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 114.98 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

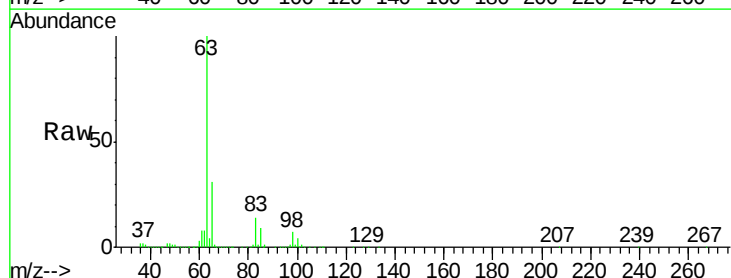
Tgt Ion: 63 Resp: 659738

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU024504.D (-797) (-)

Ion 97.90 (97.60 to 98.60): VU024504.D (-797) (-)

Ion 99.90 (99.60 to 100.60): VU024504.D (-797) (-)

400000

300000

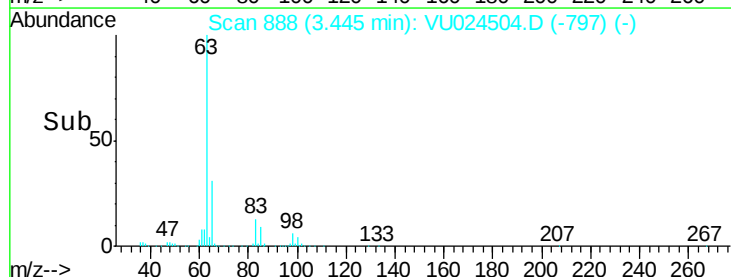
200000

100000

0

3.30 3.40 3.50 3.60

Time-->

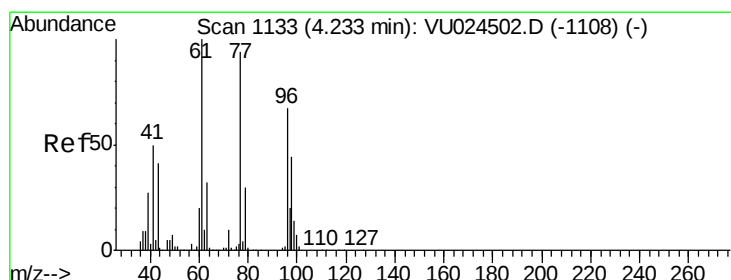
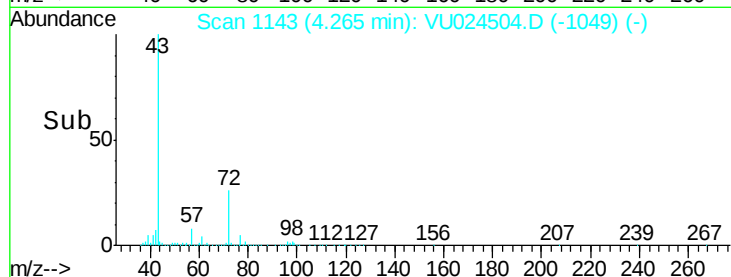
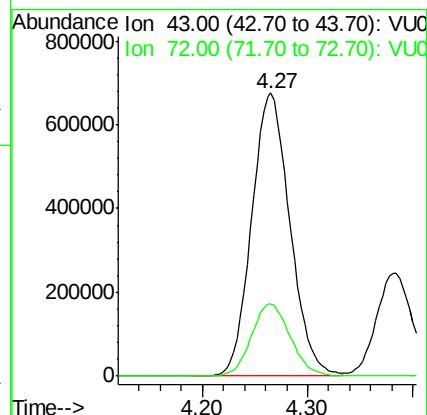
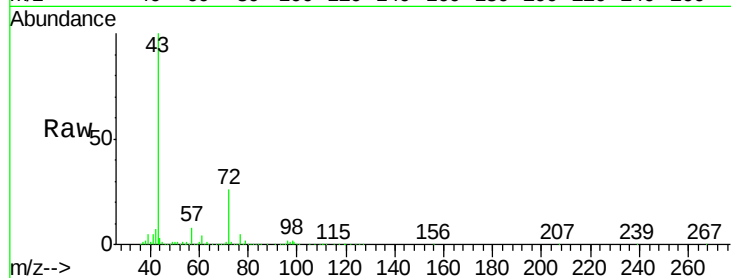




#25
2-Butanone
Concen: 582.43 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

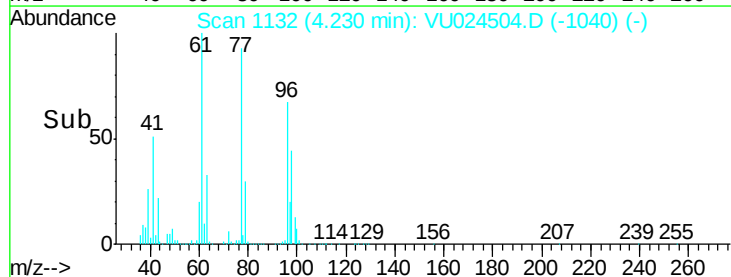
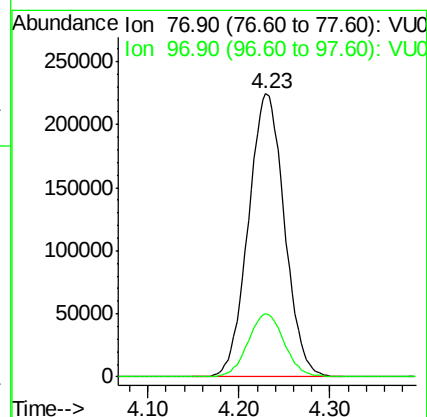
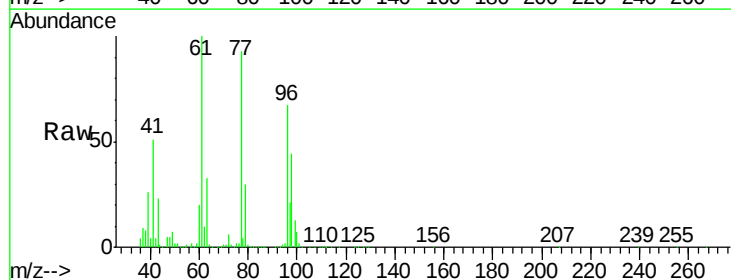
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1695005
Ion Ratio Lower Upper
43 100
72 25.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 140.85 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 77 Resp: 616139
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 126.26 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

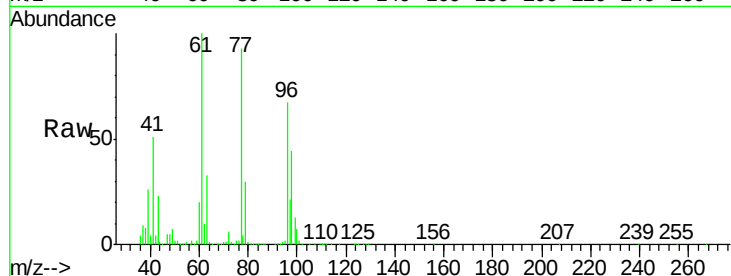
Tgt Ion: 96 Resp: 394624

Ion Ratio Lower Upper

96 100

61 152.8 0.0 306.6

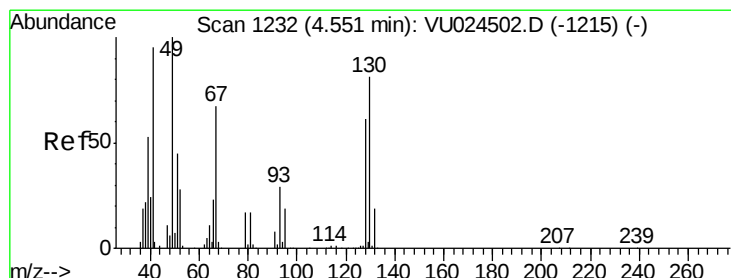
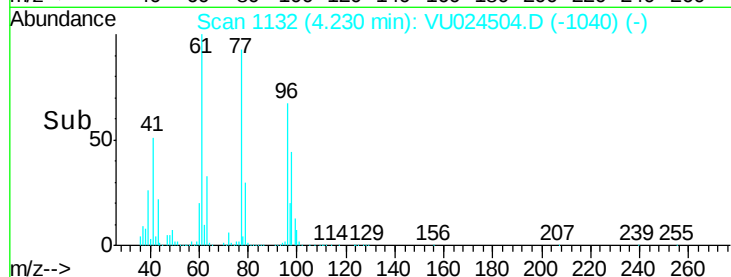
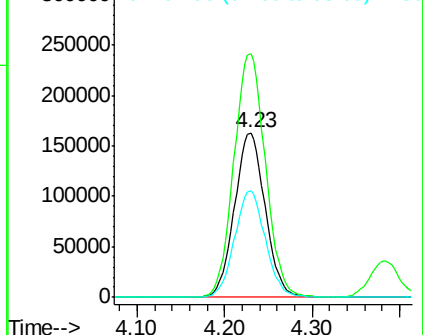
98 64.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 134.97 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

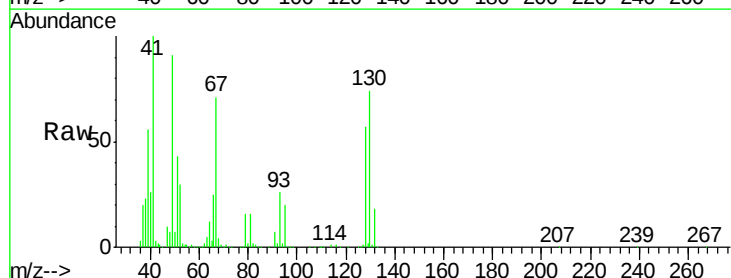
Tgt Ion: 49 Resp: 283590

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

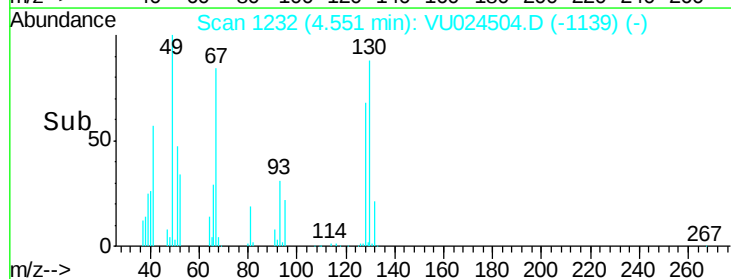
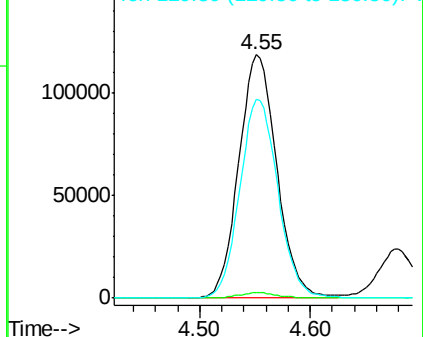
130 82.0 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 594.05 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

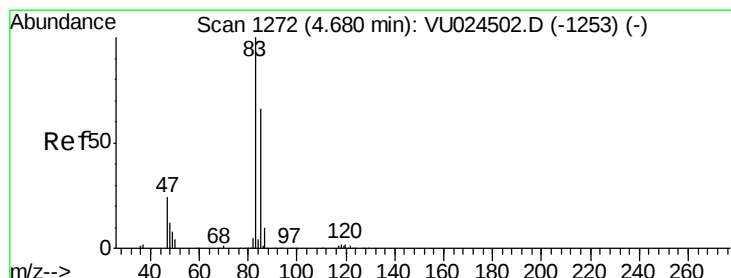
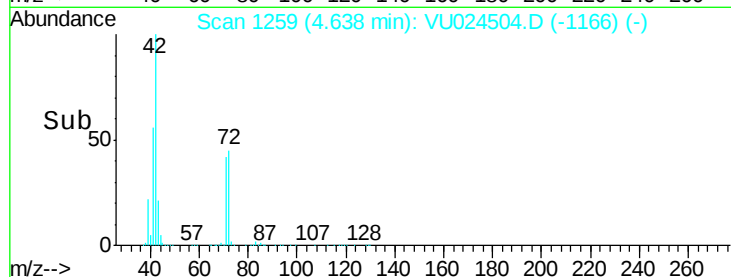
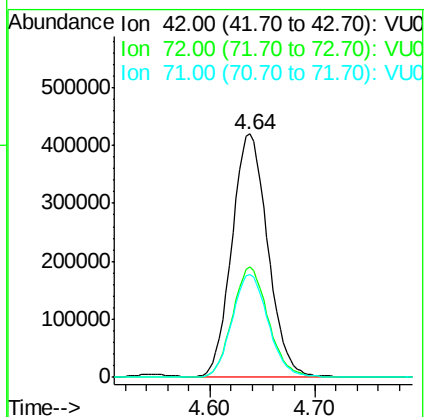
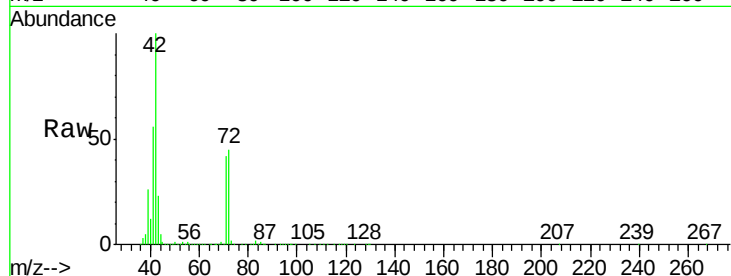
Tgt Ion: 42 Resp: 986575

Ion Ratio Lower Upper

42 100

72 45.4 34.5 51.7

71 42.4 32.2 48.4



#30

Chloroform

Concen: 114.25 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024504.D

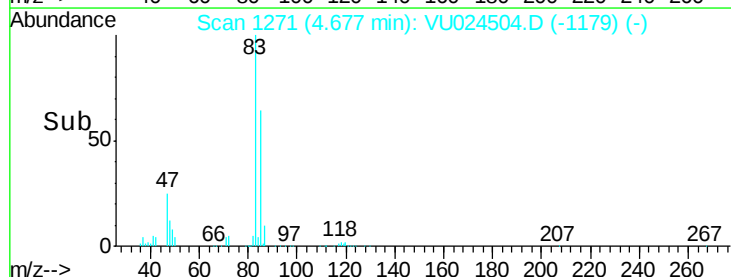
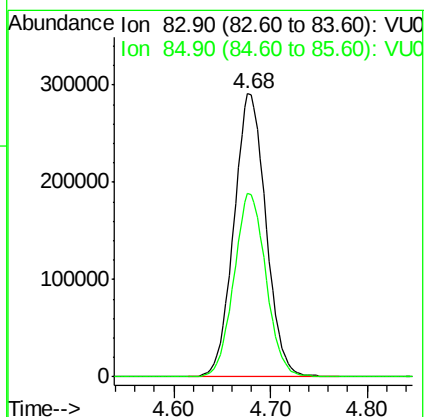
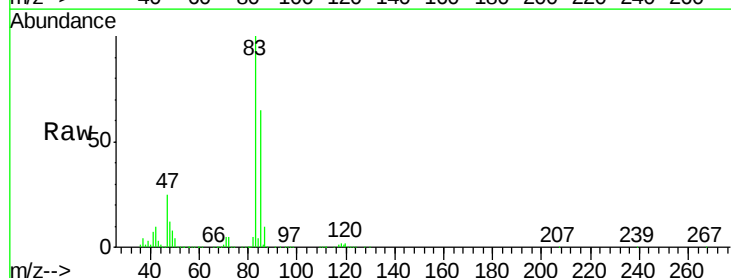
Acq: 13 Jun 2018 13:28

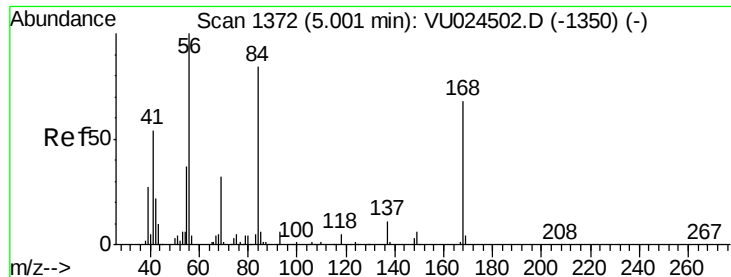
Tgt Ion: 83 Resp: 664194

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

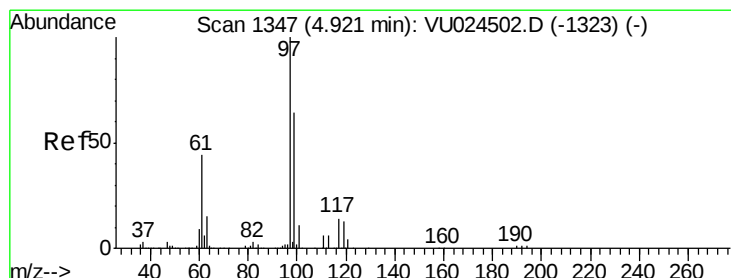
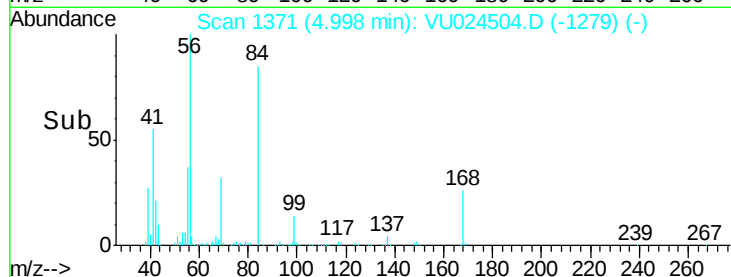
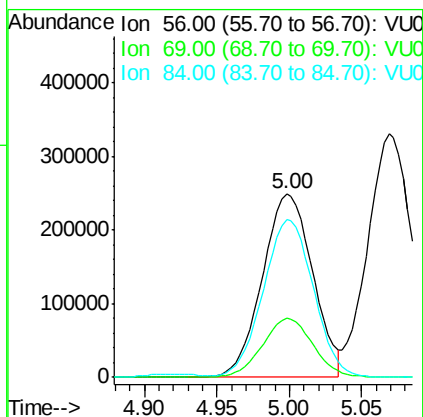
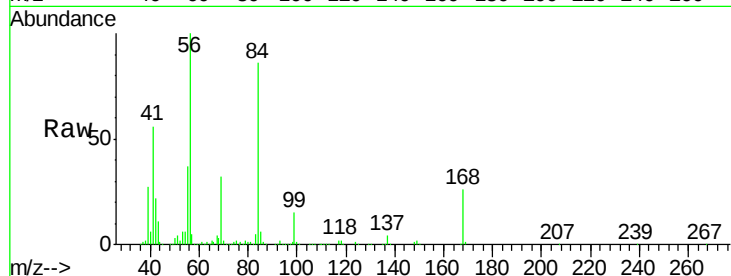




#31
Cyclohexane
Concen: 105.17 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

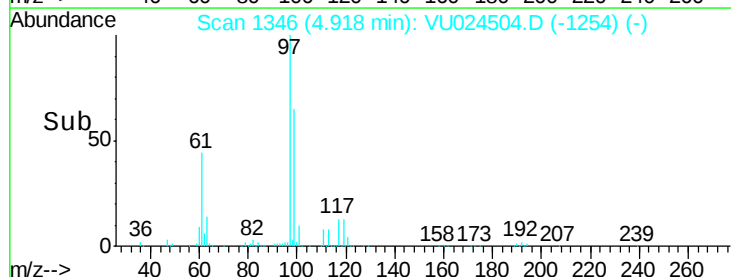
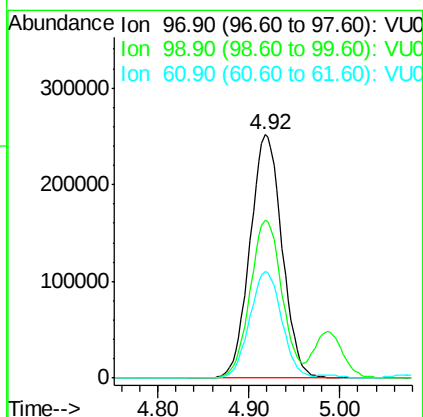
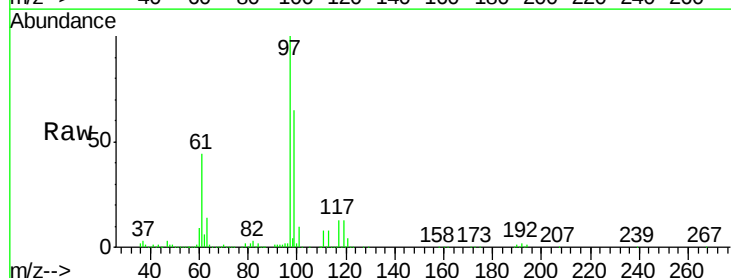
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

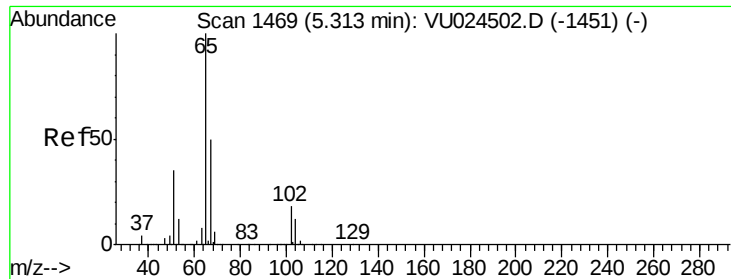
Tgt Ion: 56 Resp: 598392
Ion Ratio Lower Upper
56 100
69 31.8 24.8 37.2
84 84.3 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 130.98 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 97 Resp: 612410
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 44.0 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 116.92 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

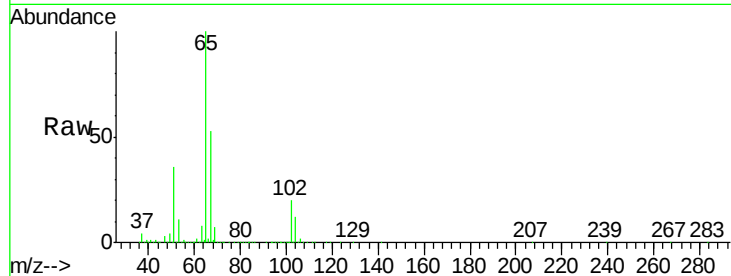
VSTDIC150

Tgt Ion: 65 Resp: 445713

Ion Ratio Lower Upper

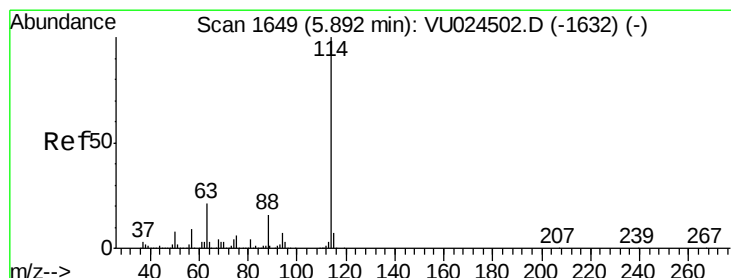
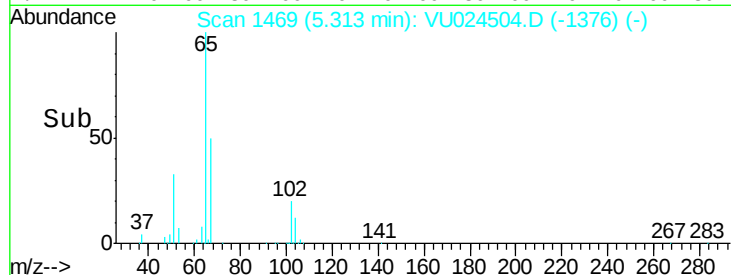
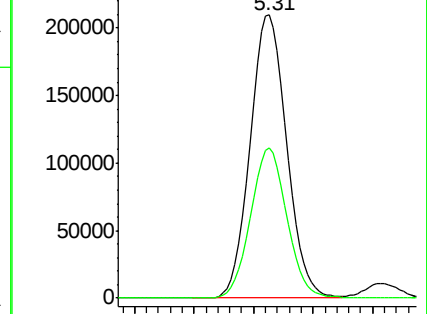
65 100

67 52.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024504.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024504.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

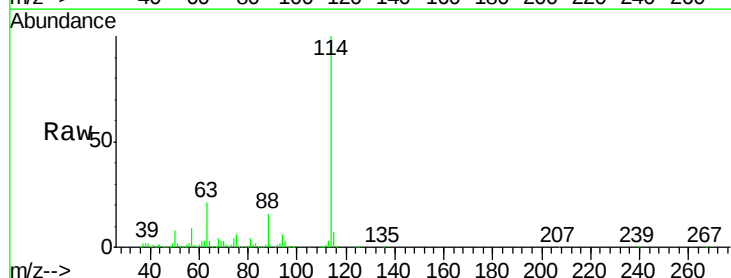
Tgt Ion: 114 Resp: 304625

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

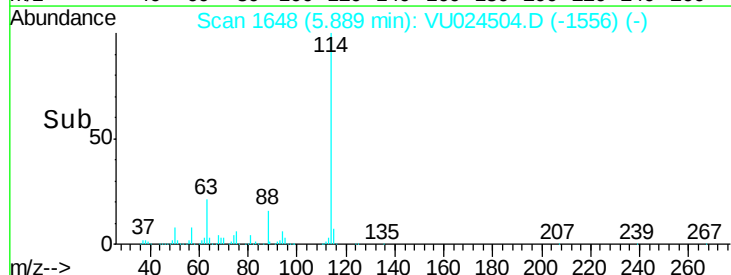
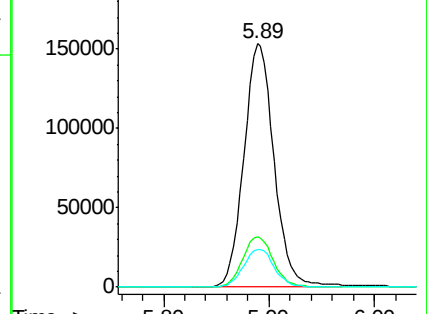
88 15.7 0.0 31.0

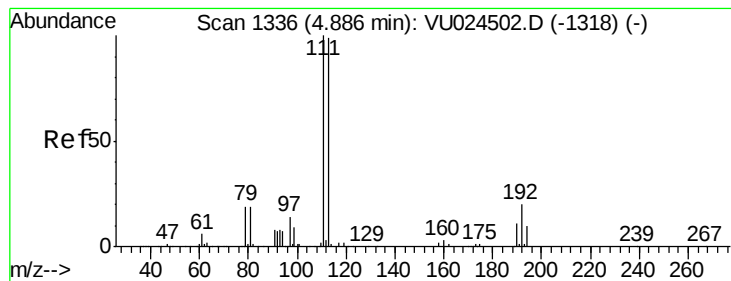


Abundance Ion 113.90 (113.60 to 114.60): VU024504.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024504.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024504.D (-1556) (-)





#35

Dibromofluoromethane

Concen: 115.98 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

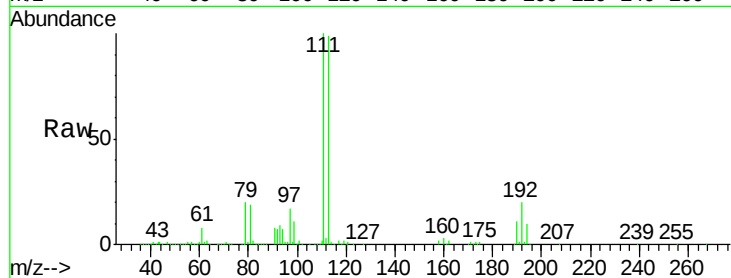
Tgt Ion:113 Resp: 362857

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

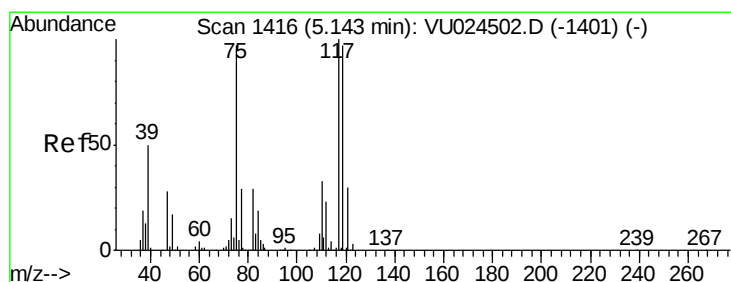
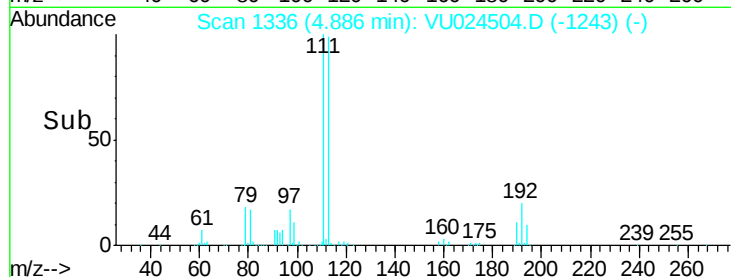
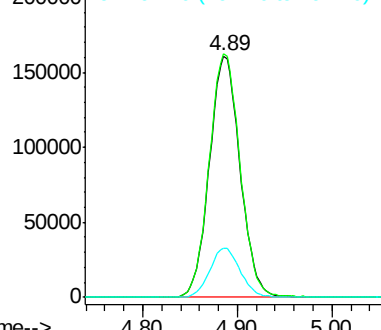
192 20.3 16.2 24.4



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: 117.21 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

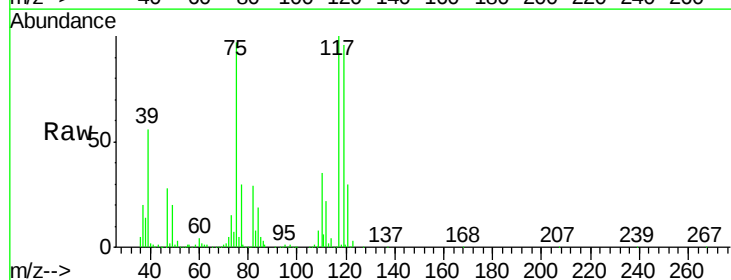
Tgt Ion: 75 Resp: 509556

Ion Ratio Lower Upper

75 100

110 36.0 17.0 50.9

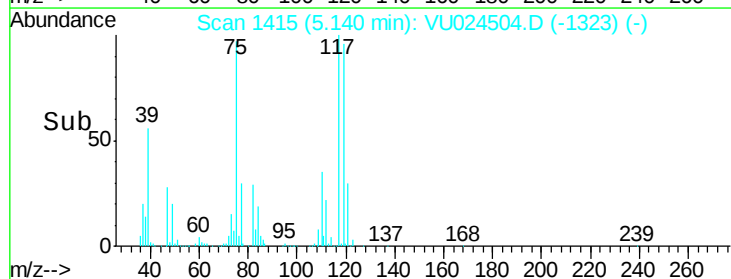
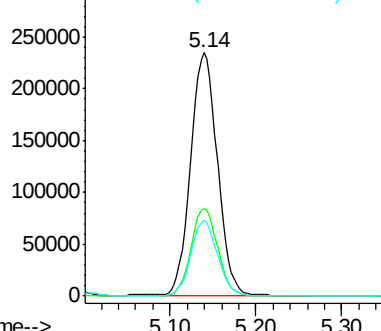
77 30.6 24.2 36.4

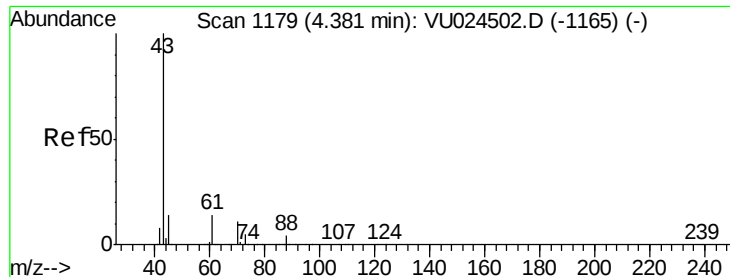


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

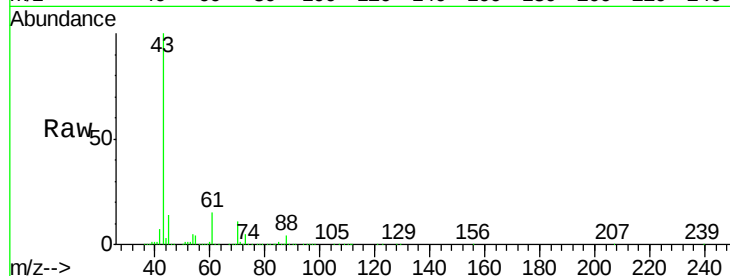




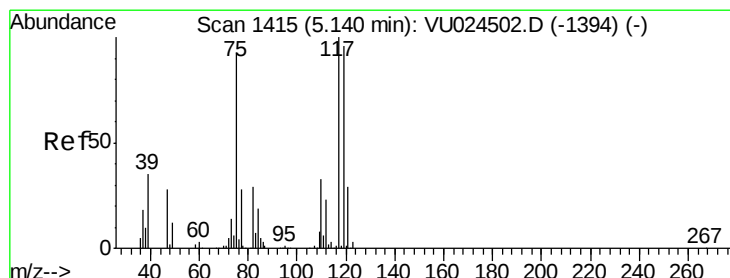
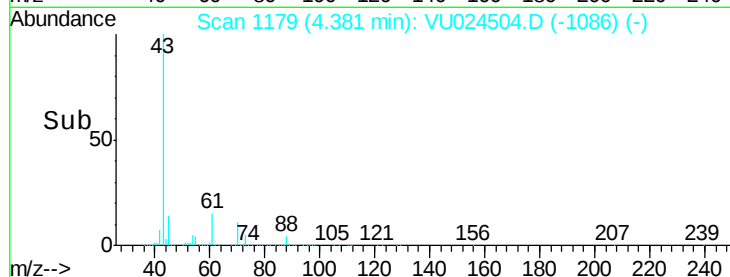
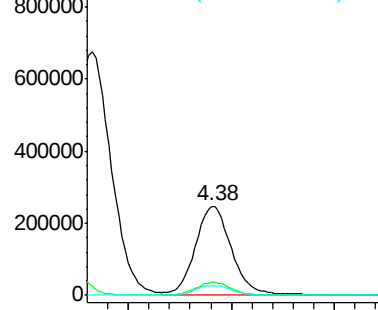
#37
Ethyl Acetate
Concen: 121.27 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 591108
Ion Ratio Lower Upper
43 100
61 14.3 10.5 15.7
70 10.9 7.4 11.2

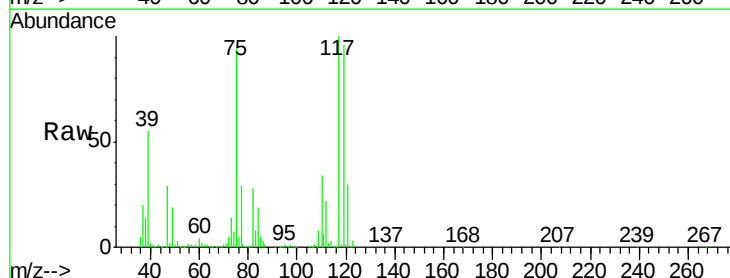


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

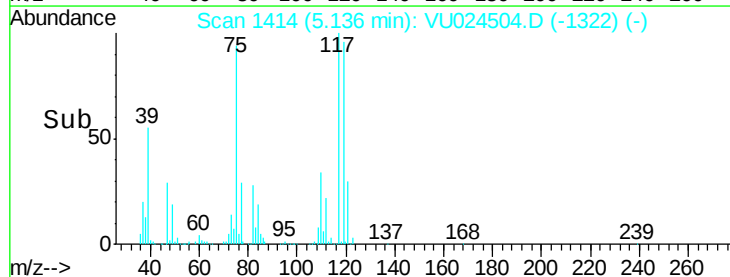
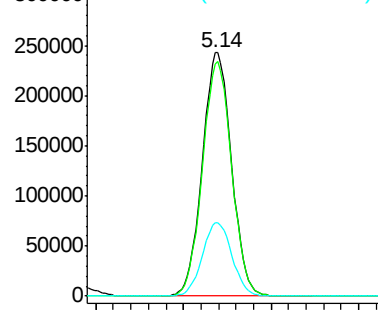


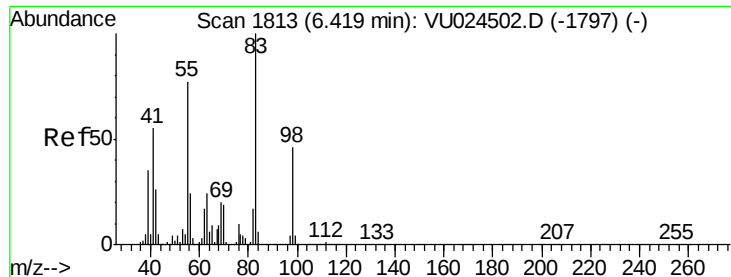
#38
Carbon Tetrachloride
Concen: 135.36 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 117 Resp: 560317
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1
121 30.2 23.7 35.5



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

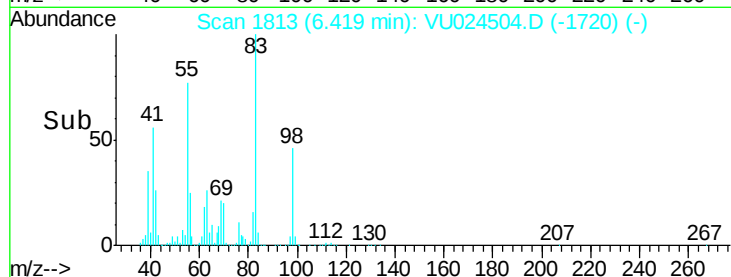
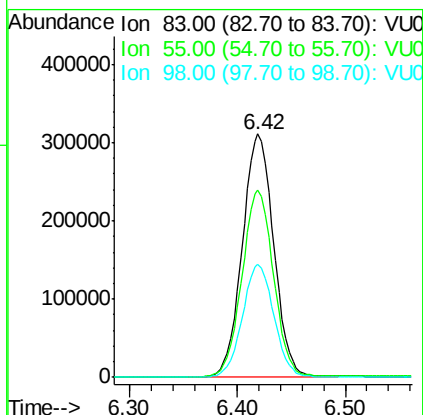
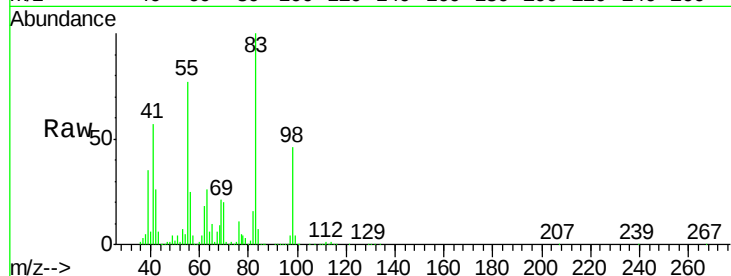




#39
Methylcyclohexane
Concen: 133.66 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

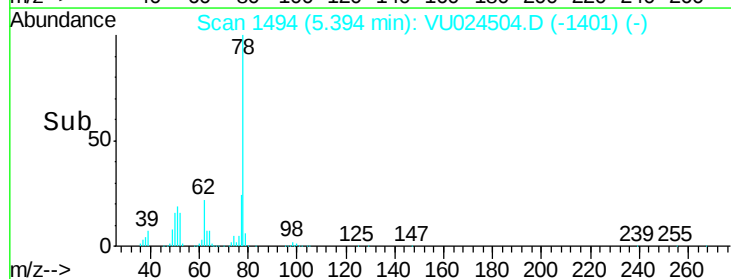
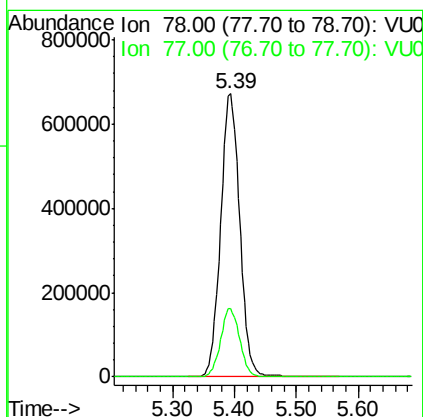
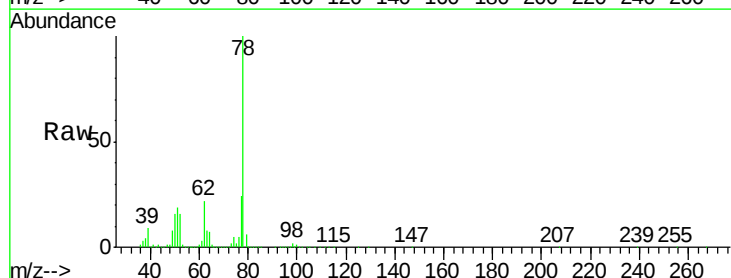
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

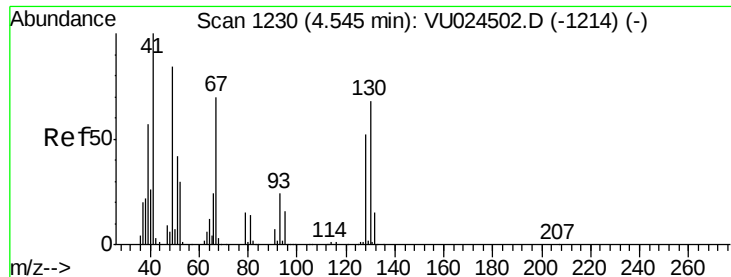
Tgt Ion: 83 Resp: 627796
Ion Ratio Lower Upper
83 100
55 76.8 65.8 98.6
98 46.3 36.7 55.1



#40
Benzene
Concen: 110.03 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 78 Resp: 1441696
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 118.76 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 324420

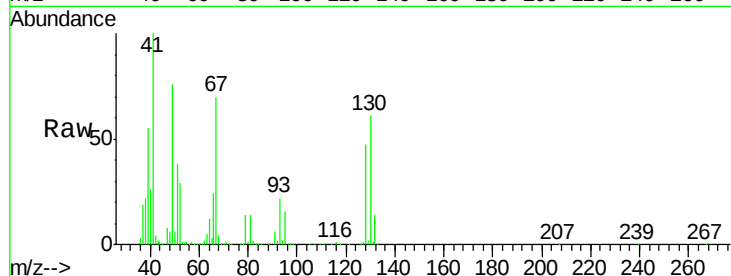
Ion Ratio Lower Upper

41 100

39 55.5 43.8 65.6

67 71.8 56.3 84.5

52 29.2 23.2 34.8

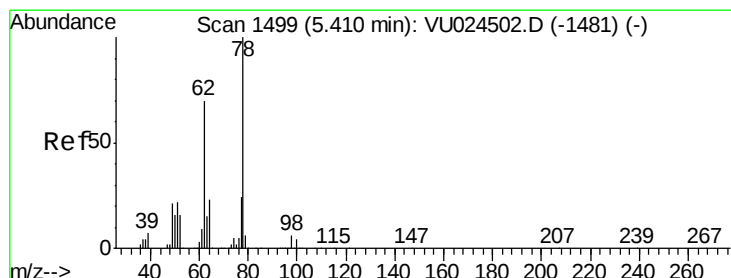
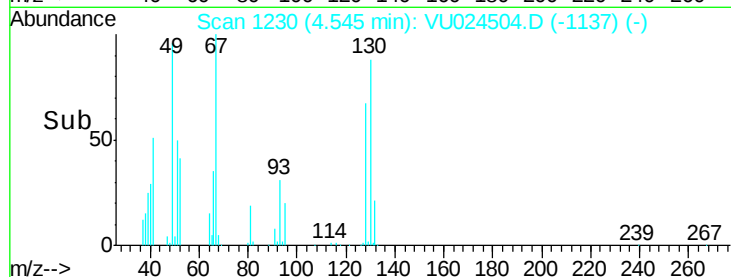
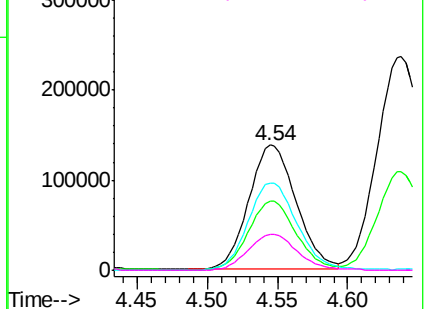


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 110.27 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU024504.D

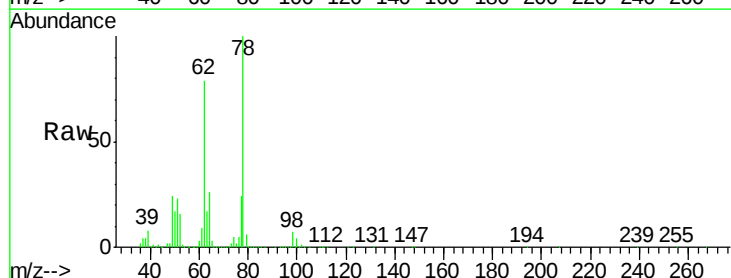
Acq: 13 Jun 2018 13:28

Tgt Ion: 62 Resp: 553343

Ion Ratio Lower Upper

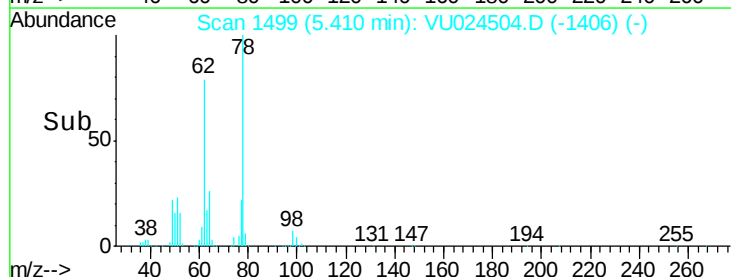
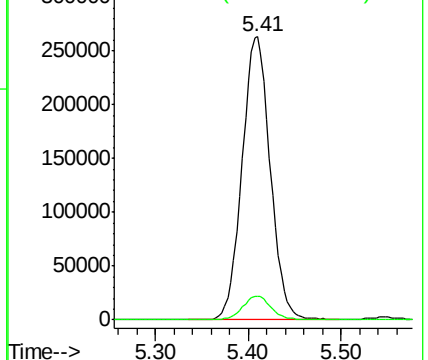
62 100

98 8.2 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: 131.91 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

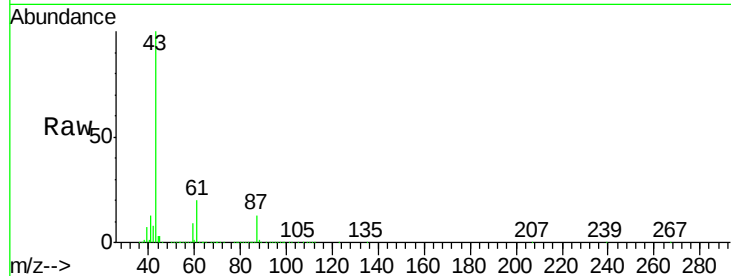
Tgt Ion: 43 Resp: 979224

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

87 13.3 10.0 15.0



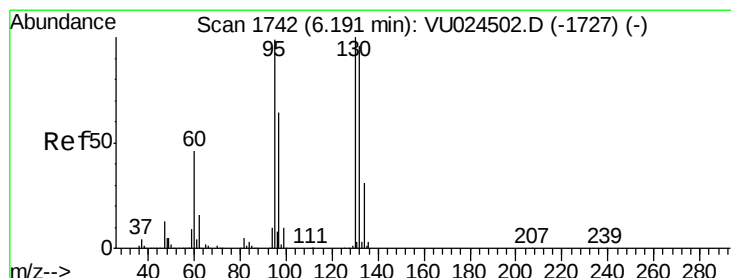
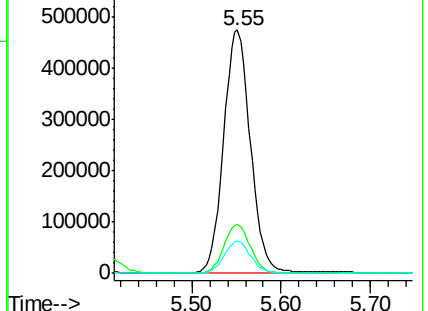
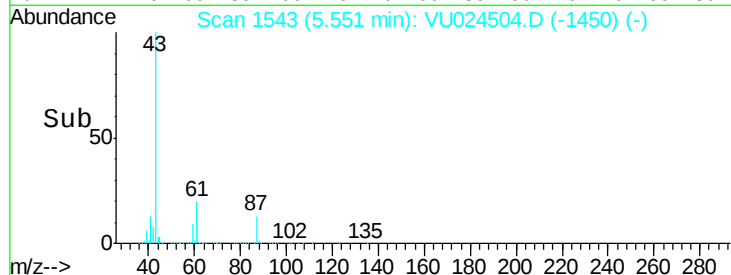
Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

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

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

5.55

Time-->



#44

Trichloroethene

Concen: 120.56 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024504.D

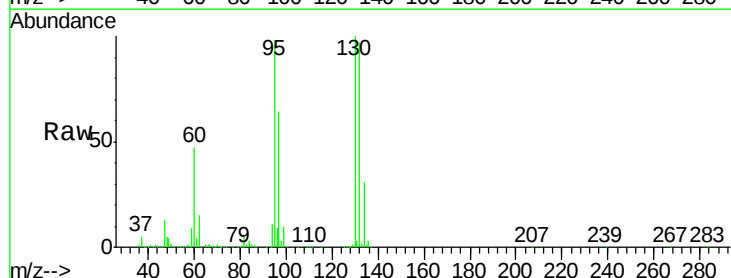
Acq: 13 Jun 2018 13:28

Tgt Ion: 130 Resp: 411617

Ion Ratio Lower Upper

130 100

95 98.0 0.0 202.4

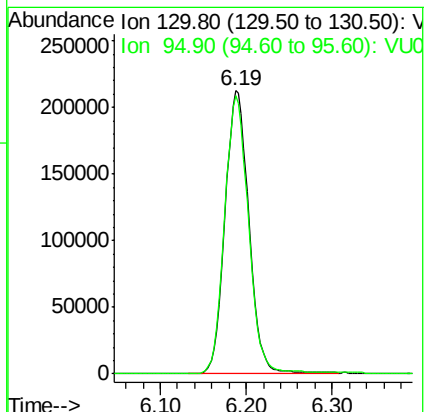
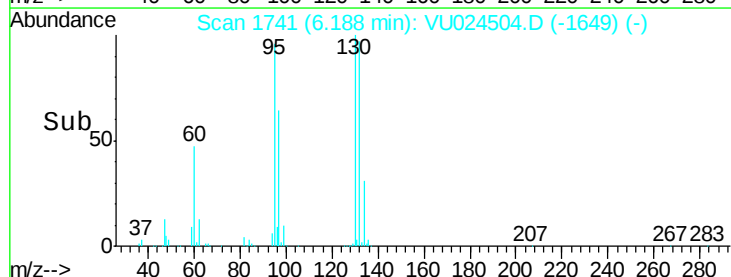


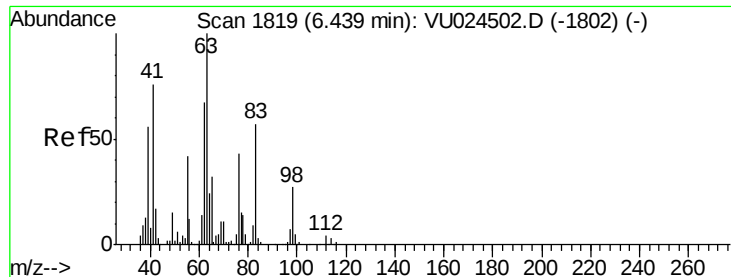
Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

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

6.19

Time-->

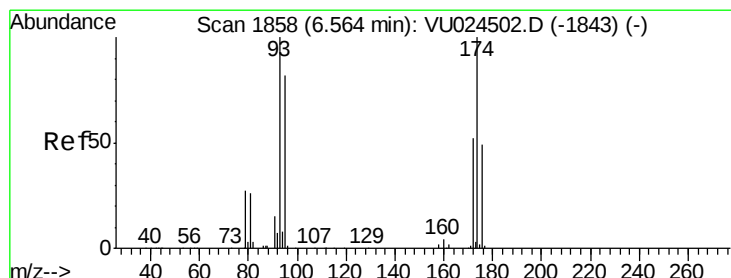
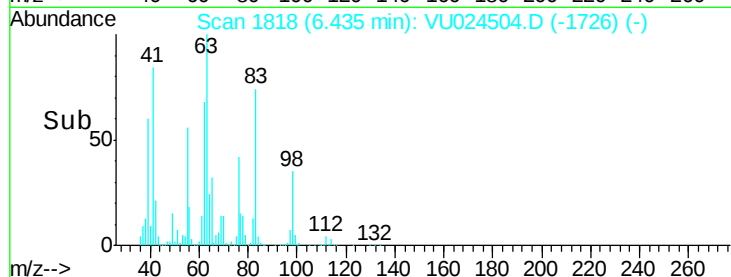
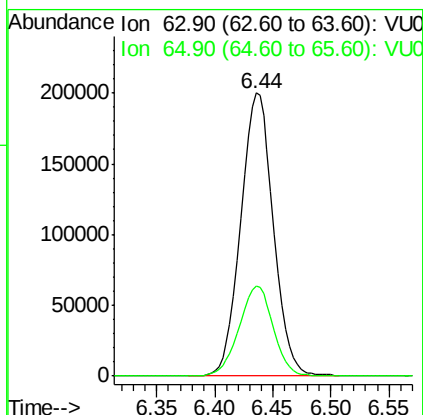
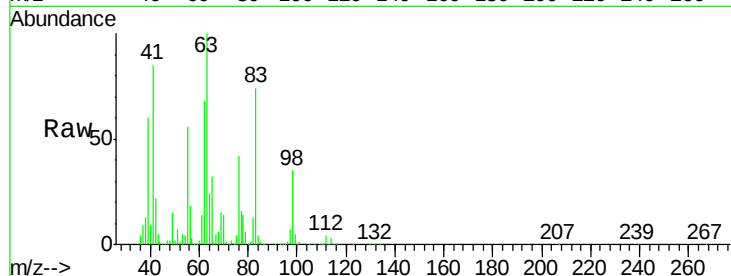




#45
 1,2-Dichloropropane
 Concen: 111.26 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

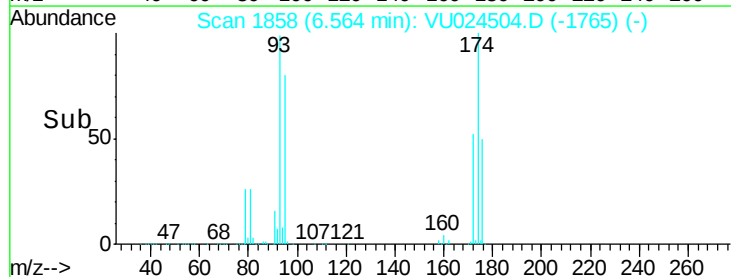
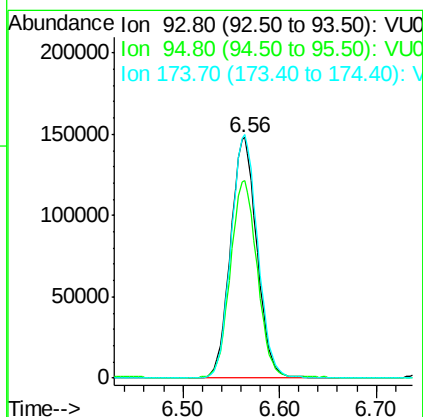
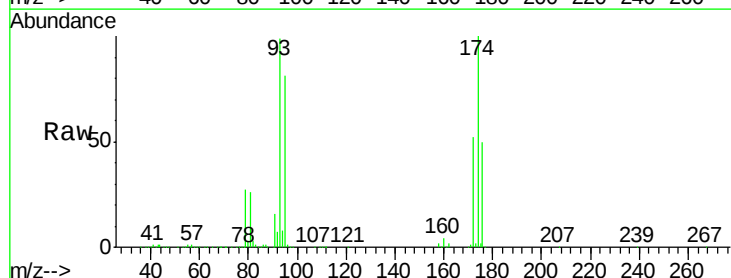
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

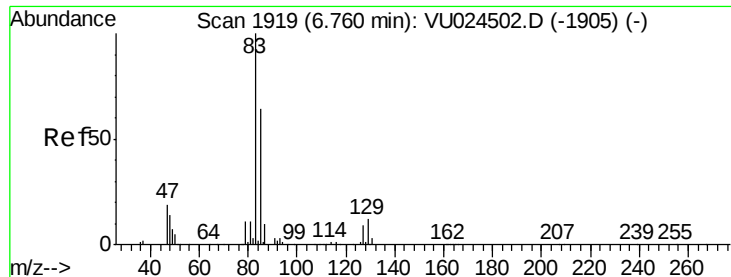
Tgt Ion: 63 Resp: 391798
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#46
 Dibromomethane
 Concen: 119.81 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion: 93 Resp: 279326
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 102.3 78.7 118.1





#47

Bromodichloromethane

Concen: 122.59 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

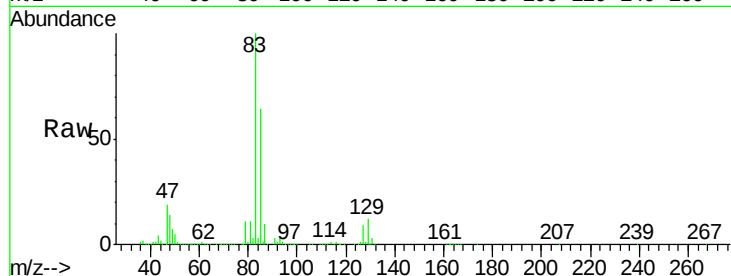
Tgt Ion: 83 Resp: 552942

Ion Ratio Lower Upper

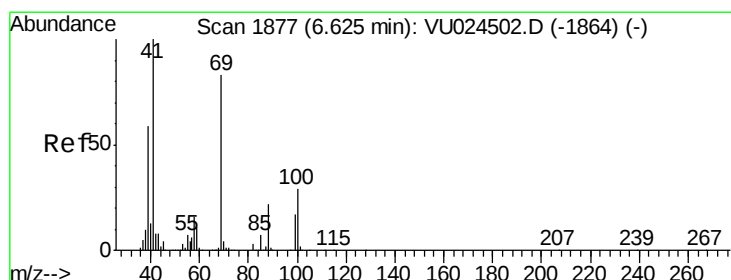
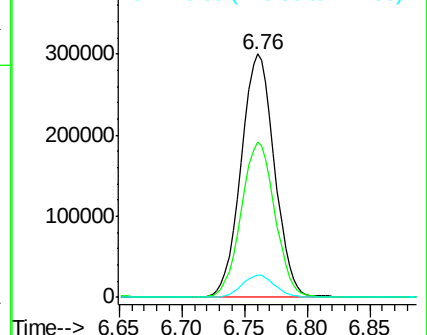
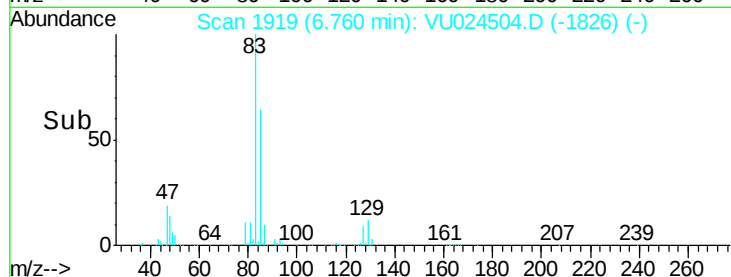
83 100

85 63.6 51.9 77.9

127 9.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024504.D (-1826) (-)



#48

Methyl methacrylate

Concen: 133.88 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

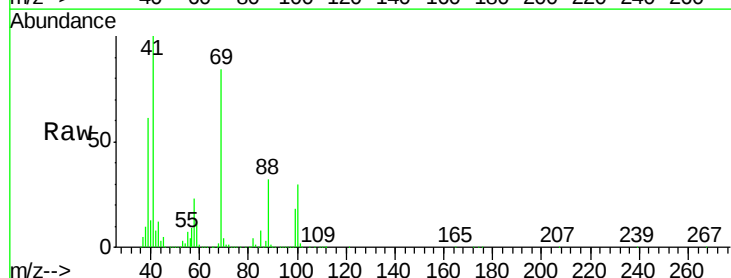
Tgt Ion: 41 Resp: 487206

Ion Ratio Lower Upper

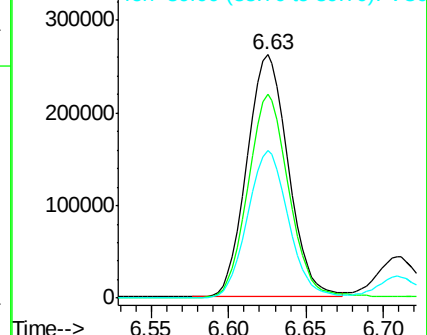
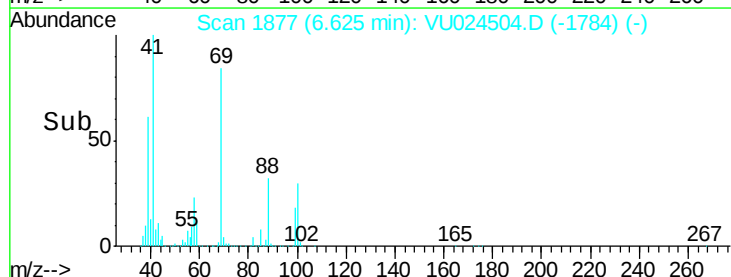
41 100

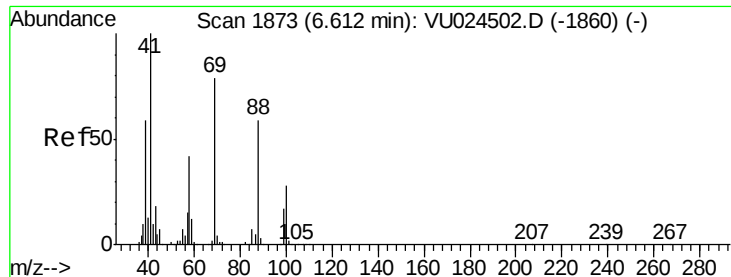
69 83.2 67.3 100.9

39 60.1 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU024504.D (-1784) (-)





#49

1,4-Dioxane

Concen: 2616.38 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

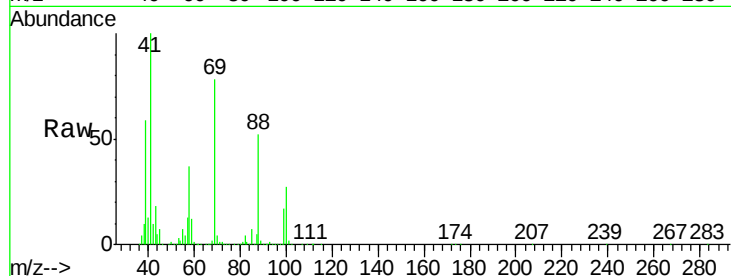
Tgt Ion: 88 Resp: 200874

Ion Ratio Lower Upper

88 100

43 33.3 28.6 42.8

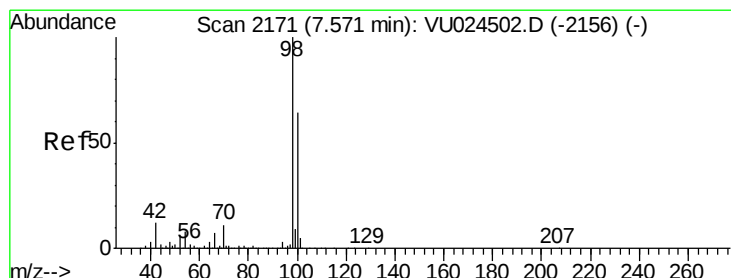
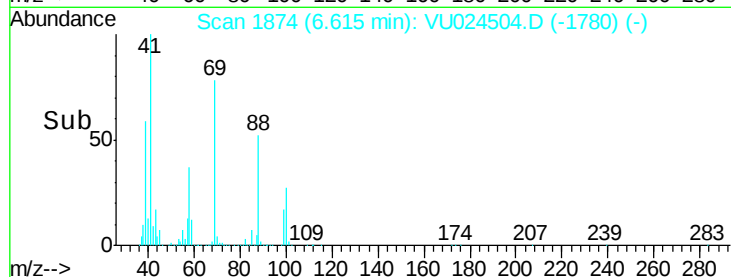
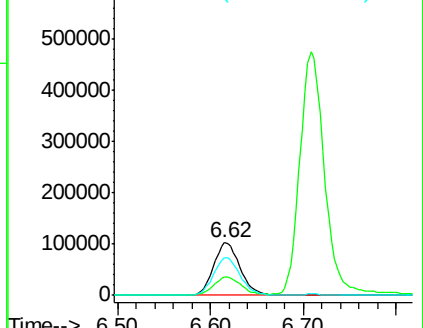
58 71.8 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024504.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024504.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024504.D (-1780) (-)



#50

Toluene-d8

Concen: 114.83 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024504.D

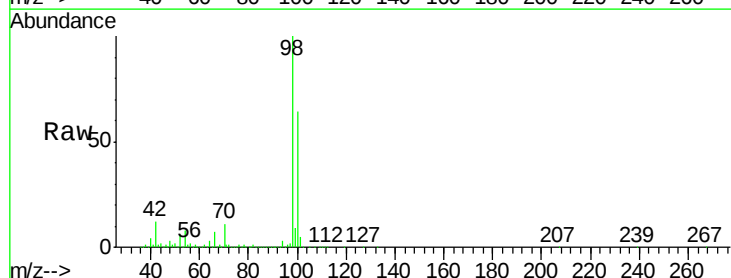
Acq: 13 Jun 2018 13:28

Tgt Ion: 98 Resp: 1342614

Ion Ratio Lower Upper

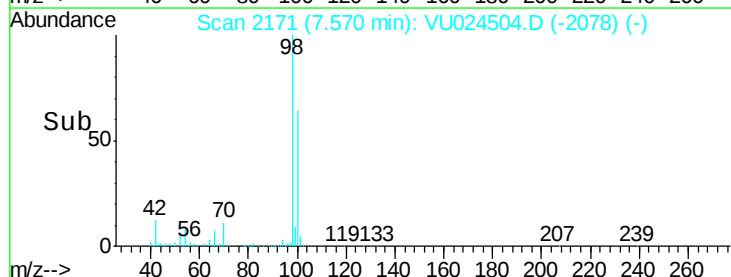
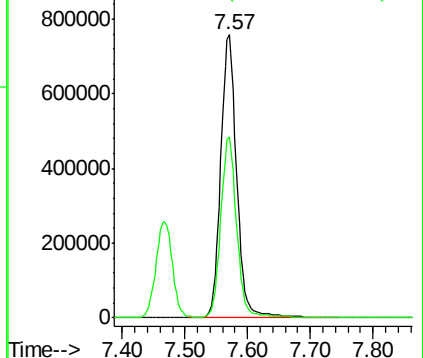
98 100

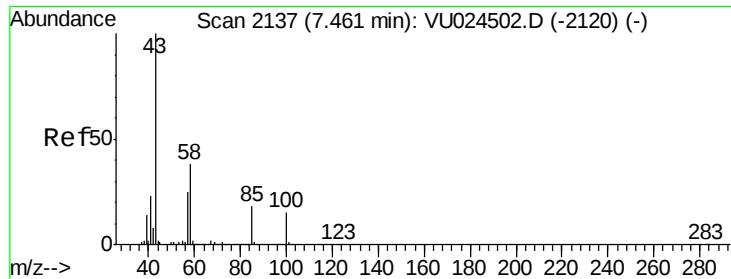
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024504.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024504.D (-2078) (-)





#51

4-Methyl-2-Pentanone

Concen: 593.10 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

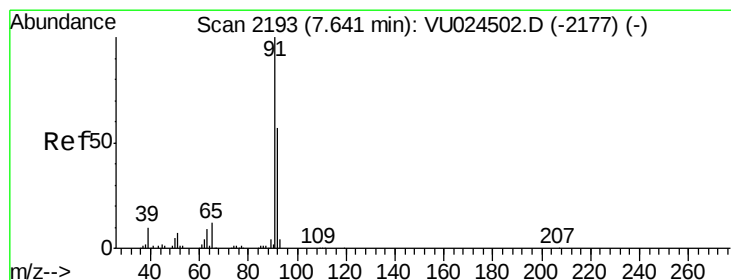
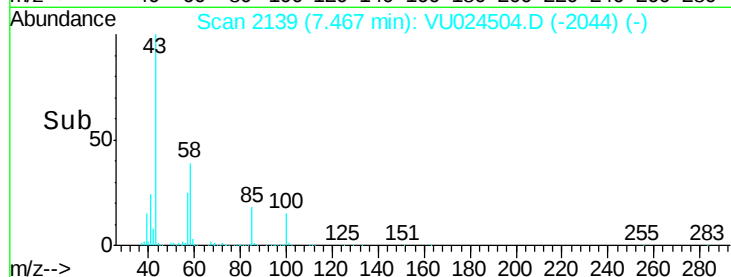
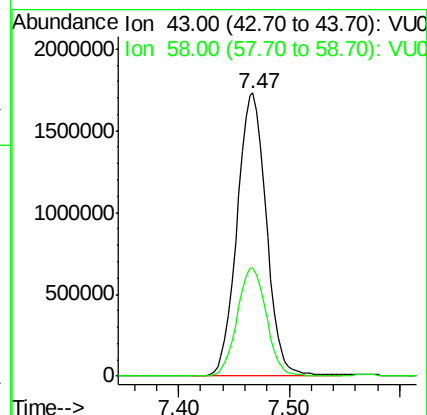
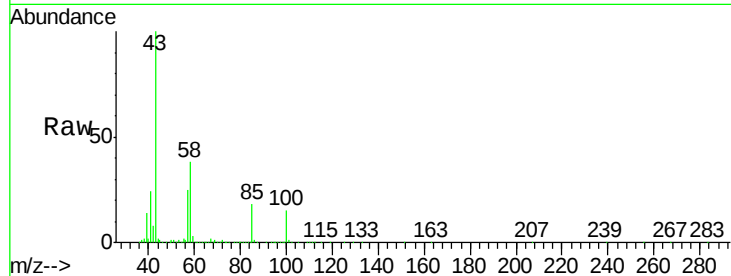
VSTDIC150

Tgt Ion: 43 Resp: 3176483

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



#52

Toluene

Concen: 121.33 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024504.D

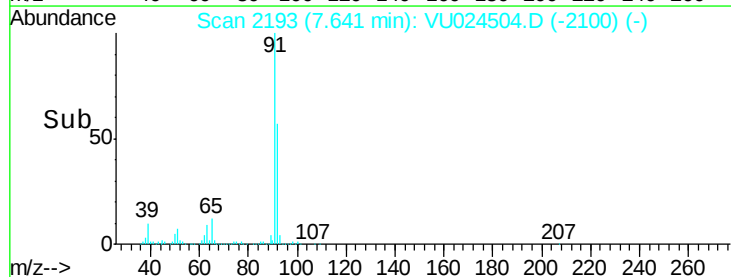
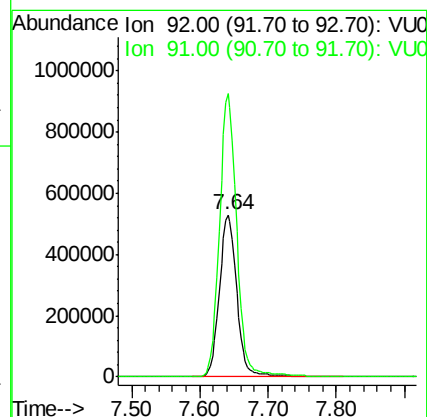
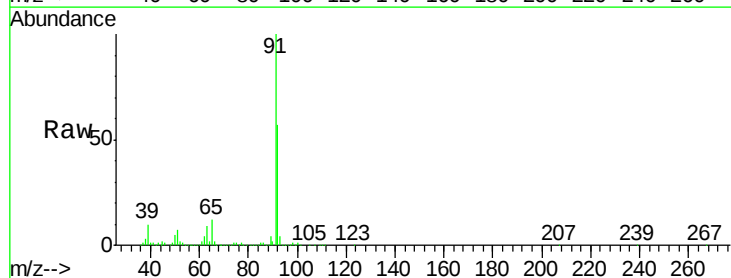
Acq: 13 Jun 2018 13:28

Tgt Ion: 92 Resp: 943470

Ion Ratio Lower Upper

92 100

91 173.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 141.21 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

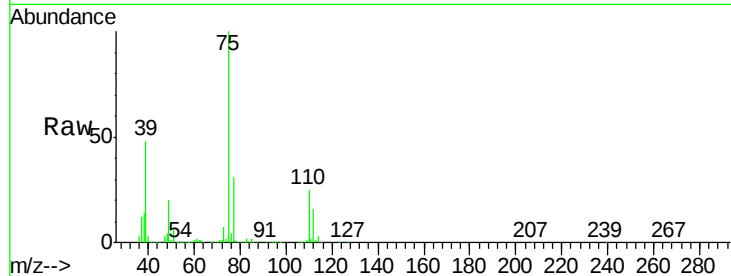
VSTDIC150

Tgt Ion: 75 Resp: 662358

Ion Ratio Lower Upper

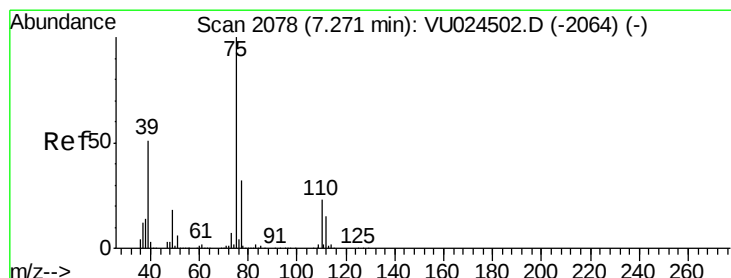
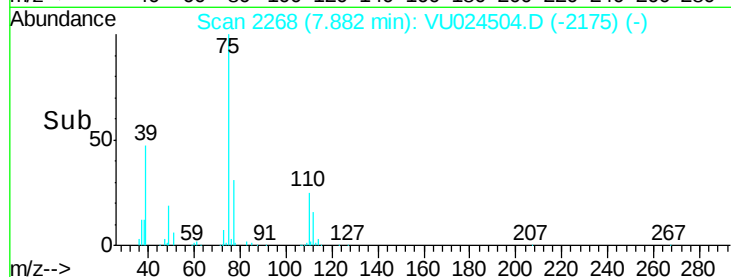
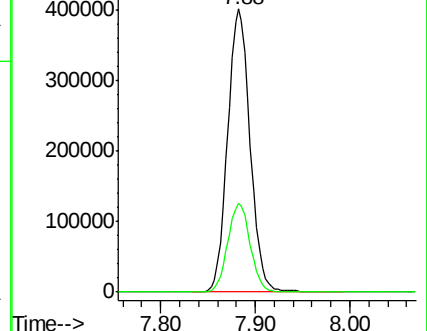
75 100

77 31.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 130.38 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

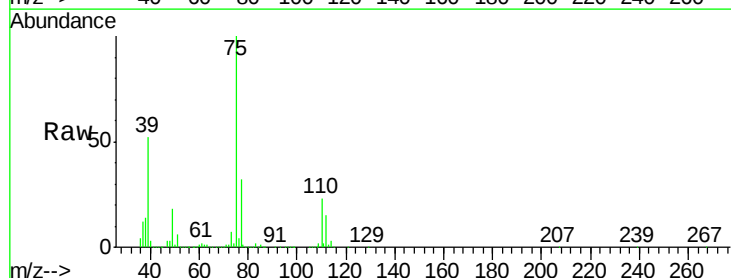
Tgt Ion: 75 Resp: 667282

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

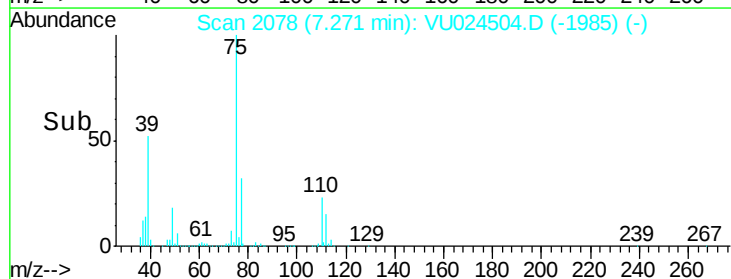
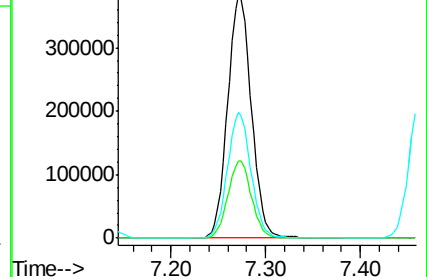
39 51.5 39.8 59.6

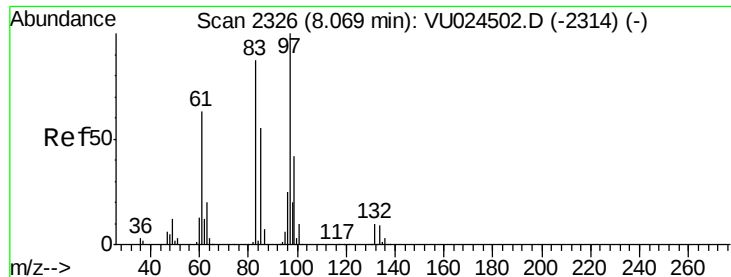


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

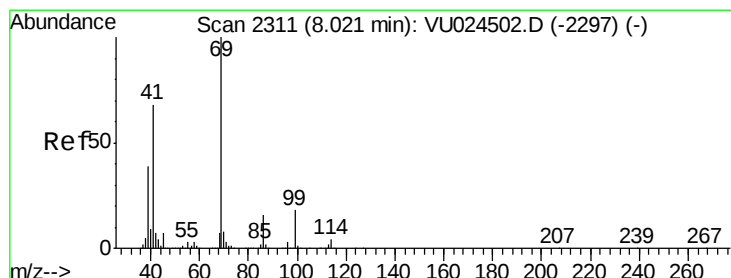
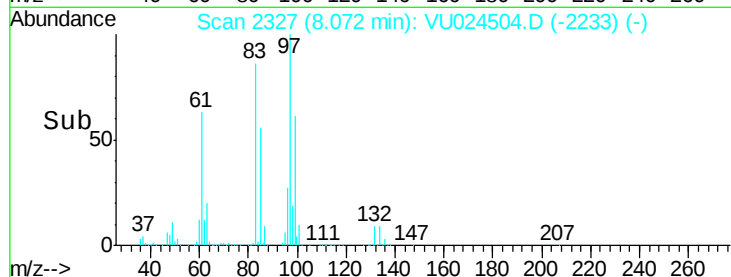
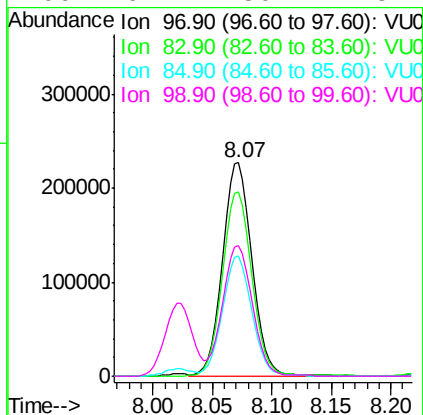
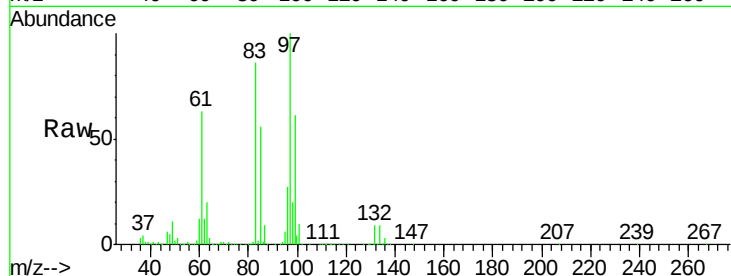




#55
 1,1,2-Trichloroethane
 Concen: 115.63 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

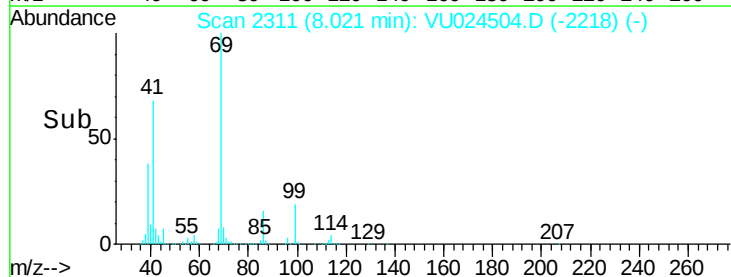
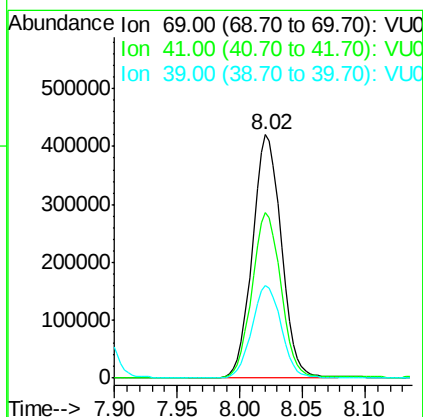
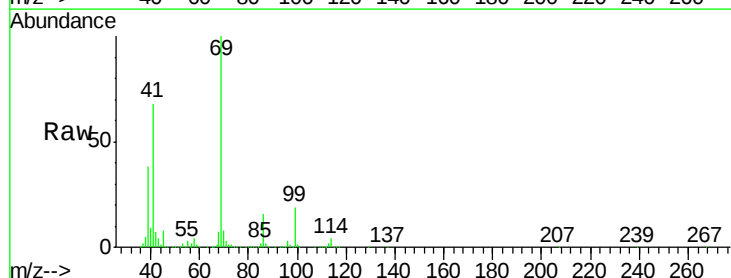
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

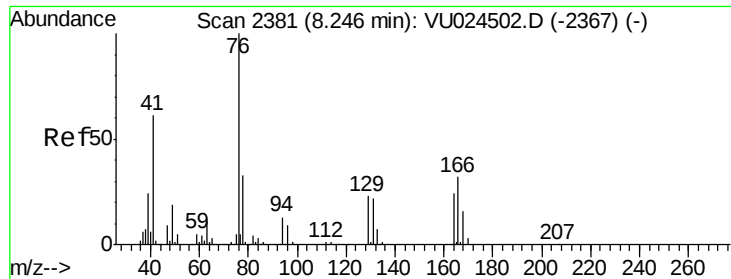
Tgt Ion: 97 Resp: 385751
 Ion Ratio Lower Upper
 97 100
 83 86.4 70.5 105.7
 85 56.0 46.4 69.6
 99 61.2 50.2 75.2



#56
 Ethyl methacrylate
 Concen: 154.97 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion: 69 Resp: 673809
 Ion Ratio Lower Upper
 69 100
 41 68.1 54.1 81.1
 39 38.6 30.3 45.5





#57

1,3-Dichloropropane

Concen: 113.95 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

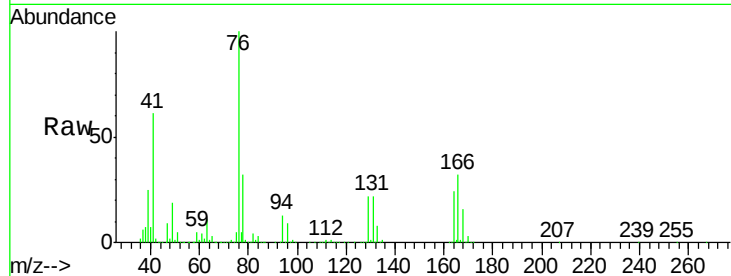
VSTDIC150

Tgt Ion: 76 Resp: 652798

Ion Ratio Lower Upper

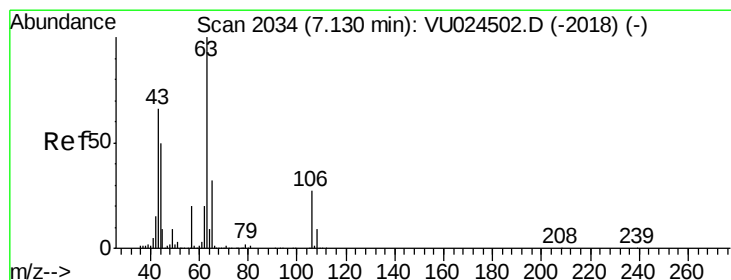
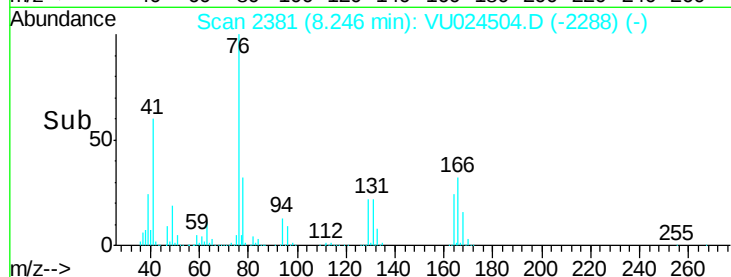
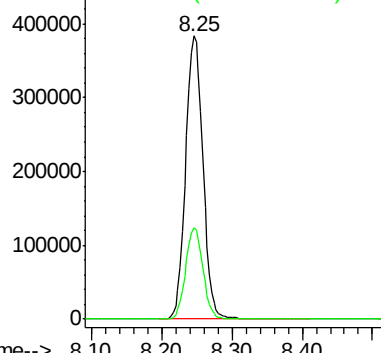
76 100

78 32.4 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 594.14 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU024504.D

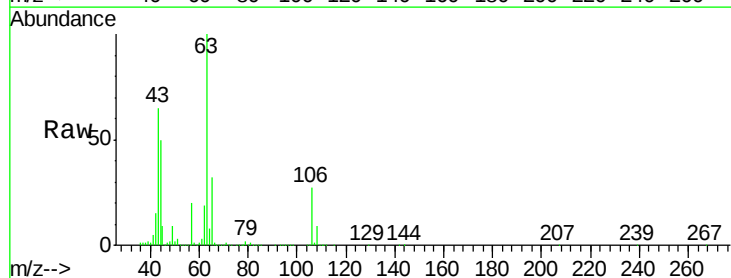
Acq: 13 Jun 2018 13:28

Tgt Ion: 63 Resp: 1328598

Ion Ratio Lower Upper

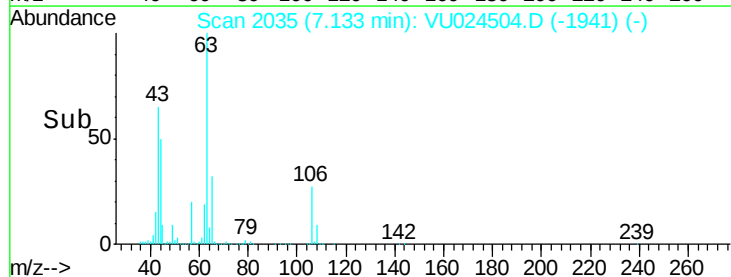
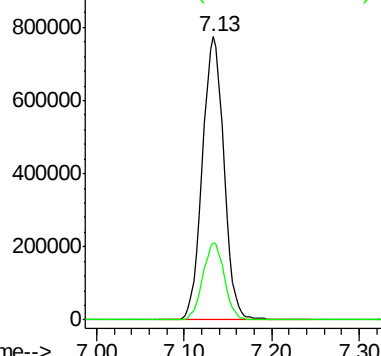
63 100

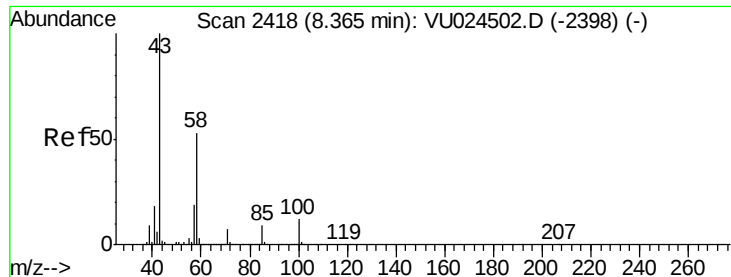
106 27.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

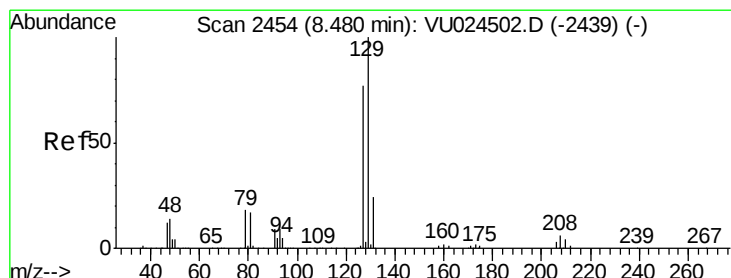
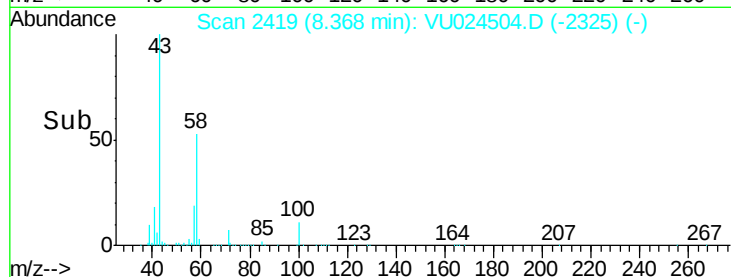
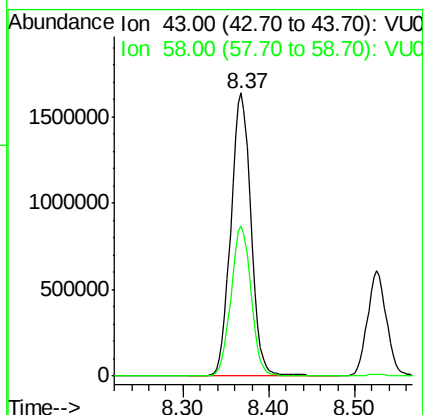
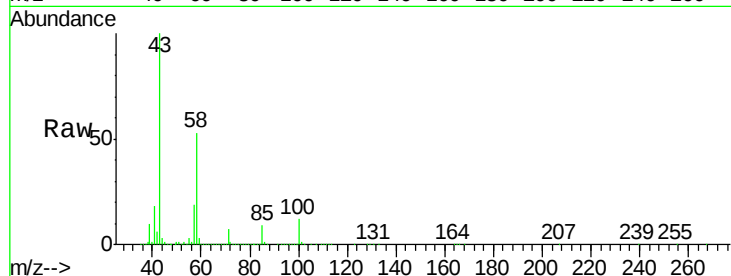




#59
2-Hexanone
Concen: 618.56 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

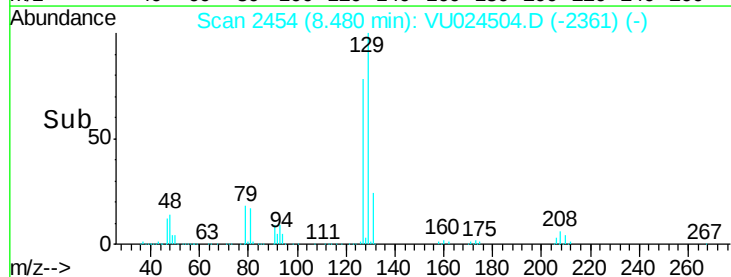
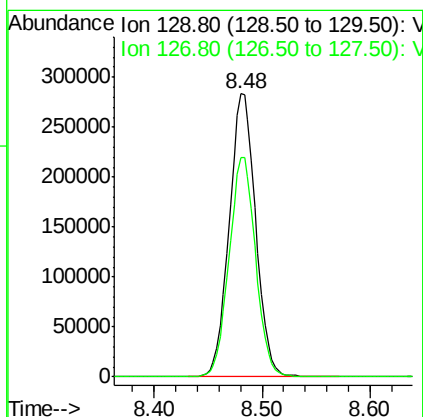
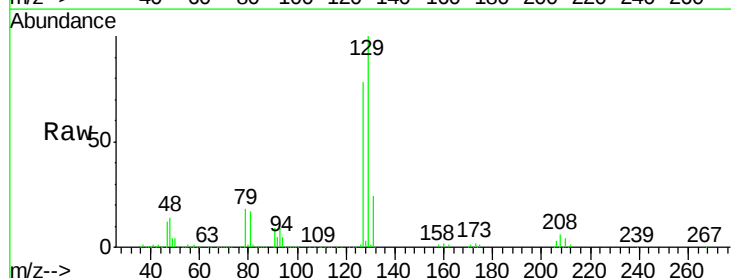
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

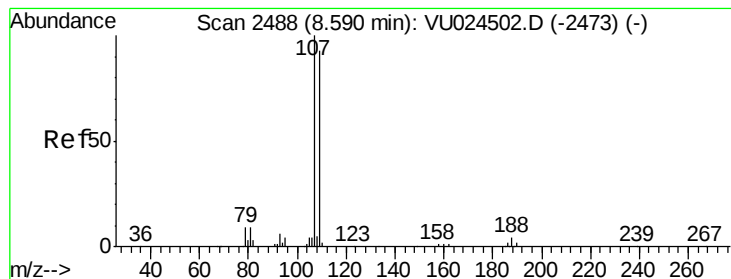
Tgt Ion: 43 Resp: 2650445
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 143.61 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 129 Resp: 486109
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 124.36 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

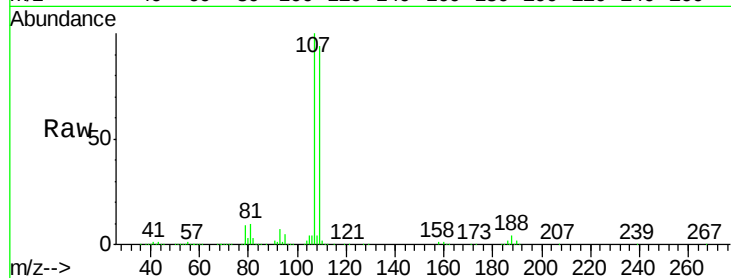
VSTDIC150

Tgt Ion: 107 Resp: 433928

Ion Ratio Lower Upper

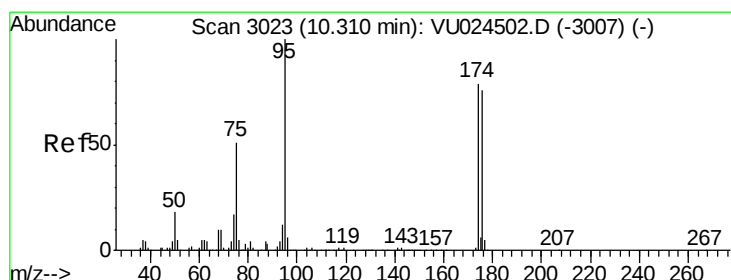
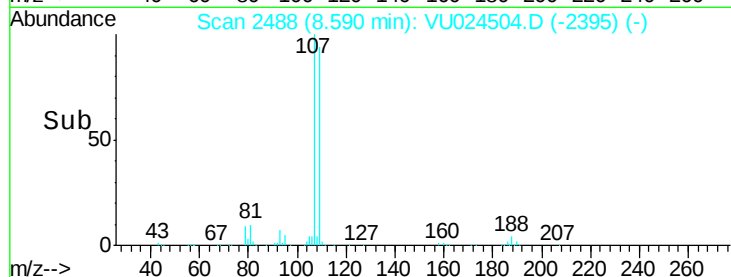
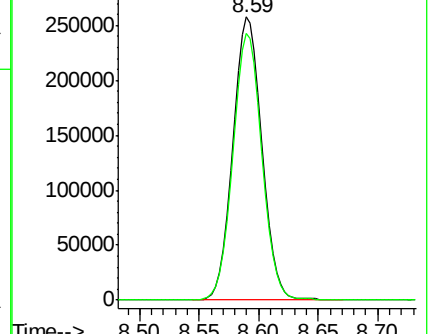
107 100

109 94.1 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: 134.86 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

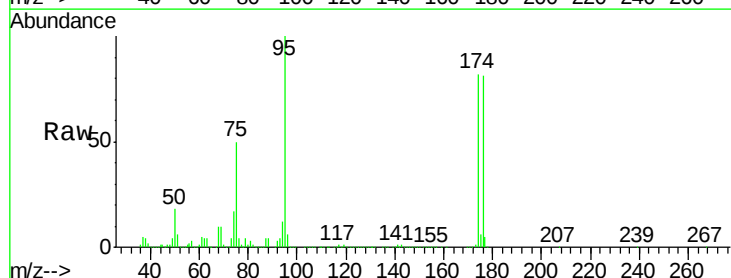
Tgt Ion: 95 Resp: 574678

Ion Ratio Lower Upper

95 100

174 81.8 0.0 165.8

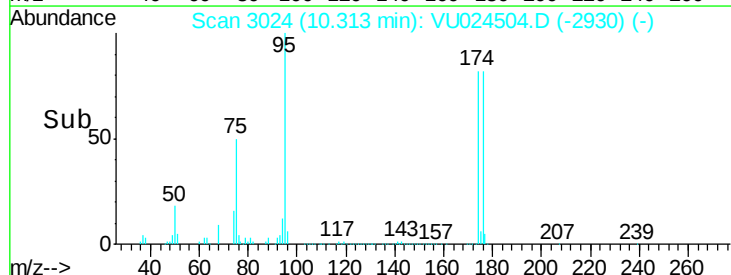
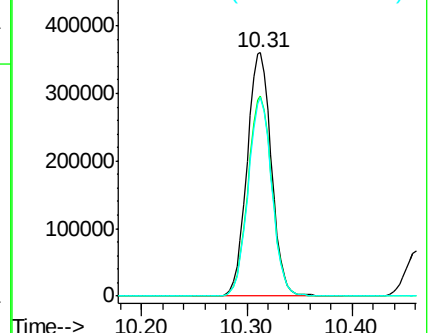
176 80.0 0.0 159.4

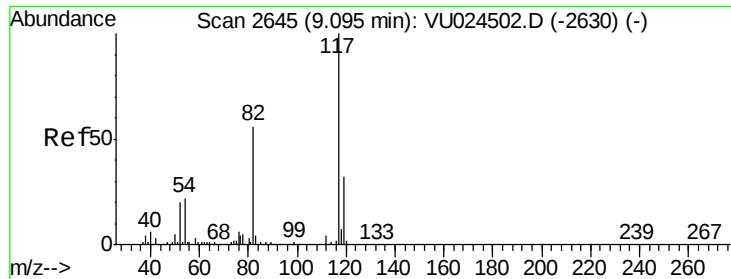


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

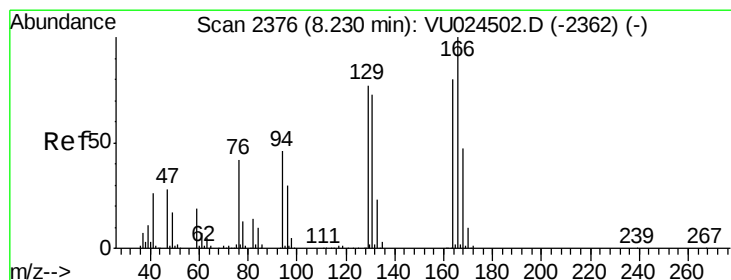
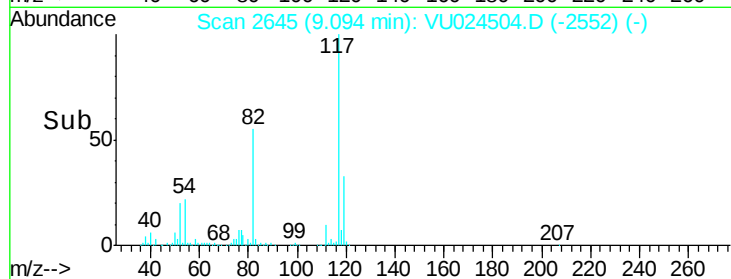
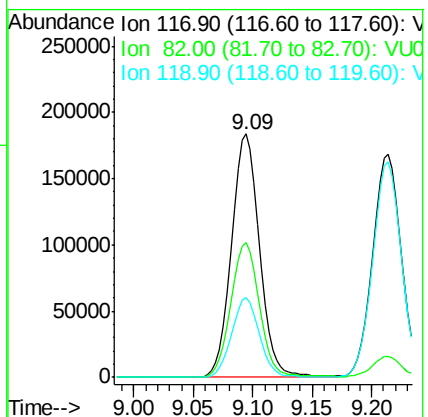
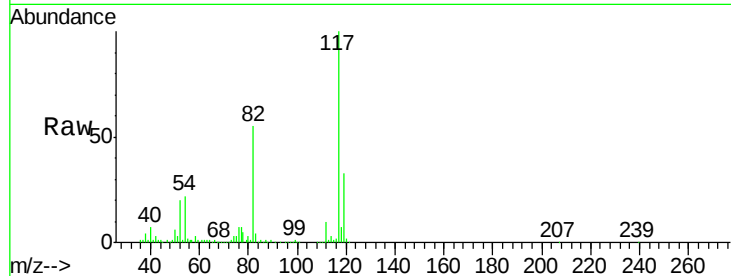




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

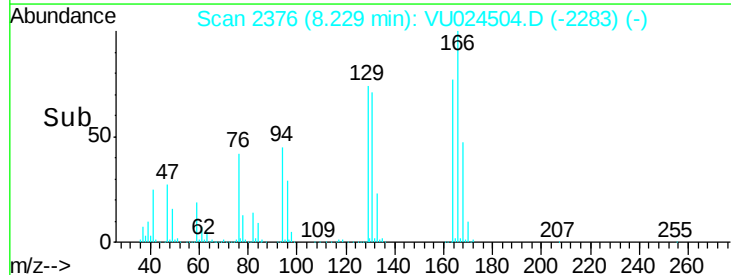
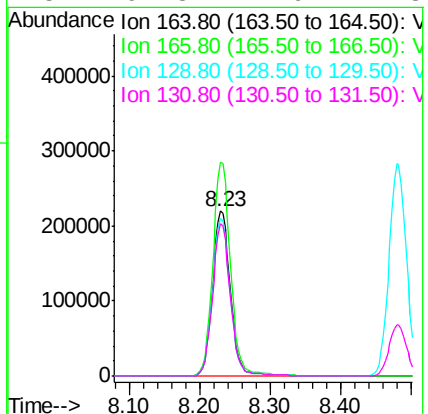
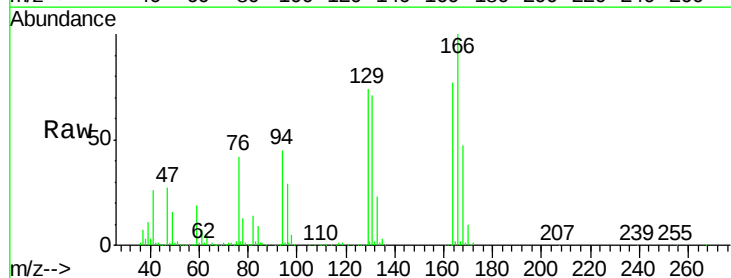
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.7	25.4	38.2



#64
Tetrachloroethene
Concen: 128.64 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.7	152.5
129	95.5	76.9	115.3
131	92.3	74.9	112.3





#65

Chlorobenzene

Concen: 125.42 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

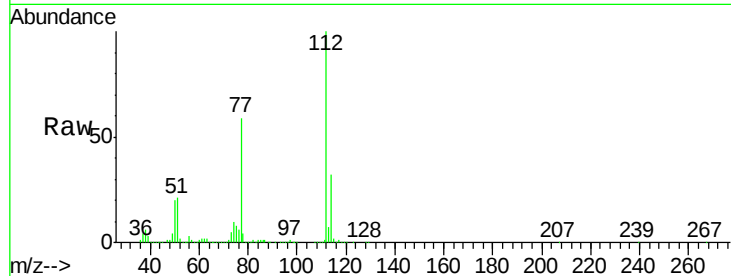
VSTDIC150

Tgt Ion:112 Resp: 1099160

Ion Ratio Lower Upper

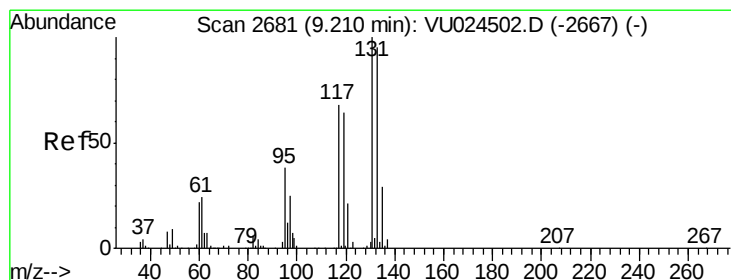
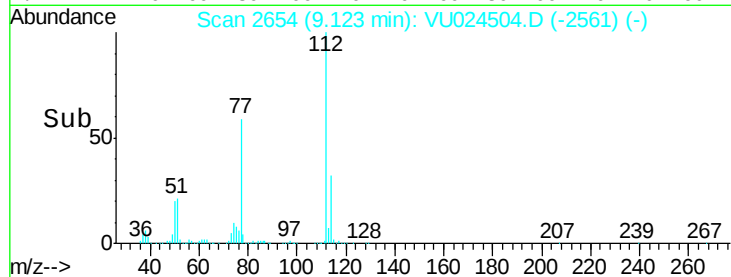
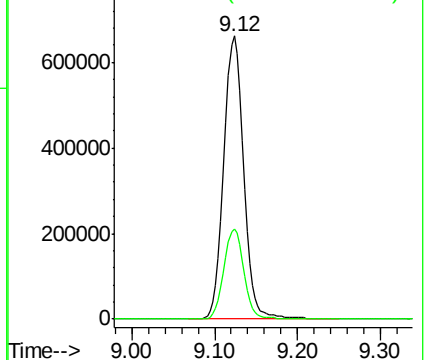
112 100

114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 138.87 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

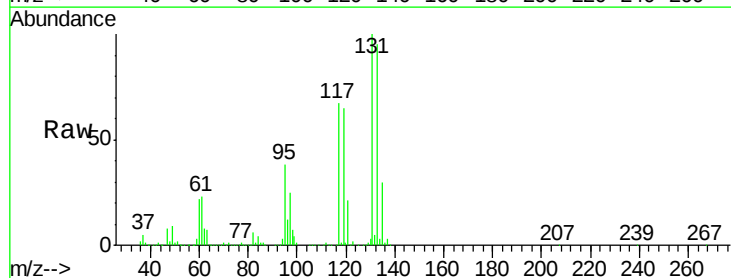
Tgt Ion:131 Resp: 417723

Ion Ratio Lower Upper

131 100

133 95.4 46.9 140.8

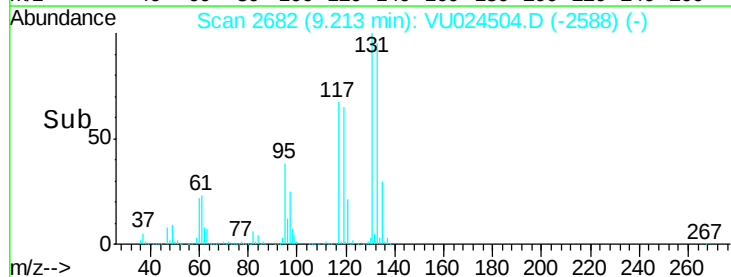
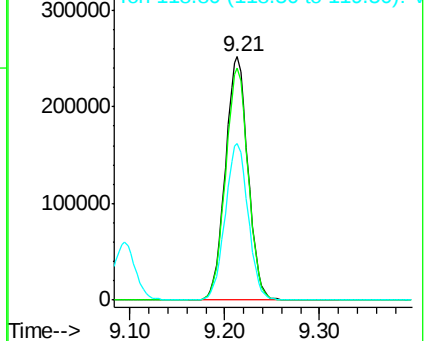
119 64.9 33.5 100.4

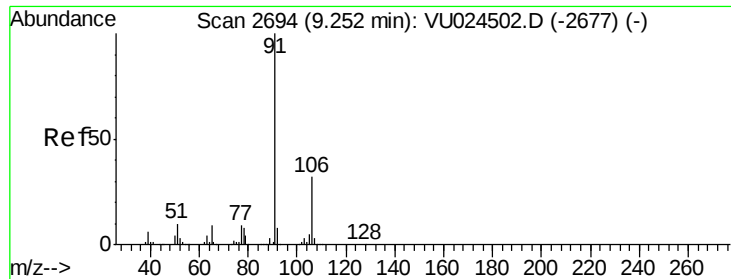


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

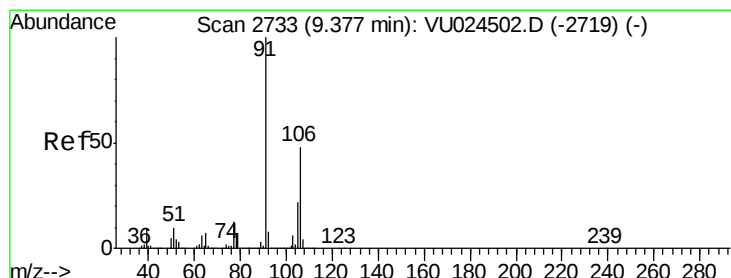
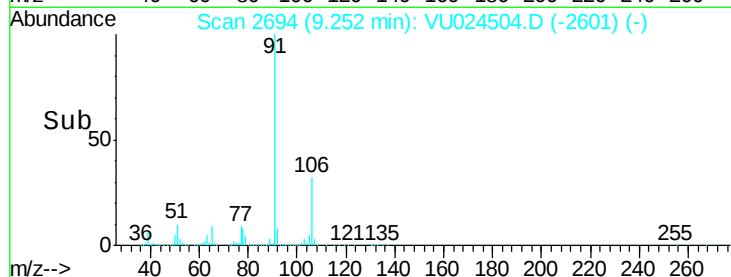
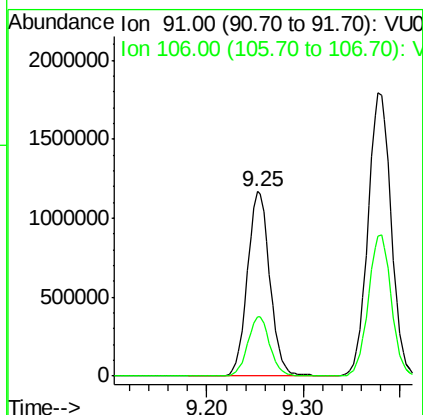
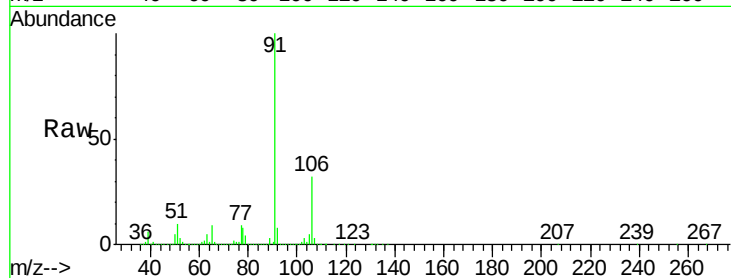




#67
Ethyl Benzene
Concen: 133.22 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

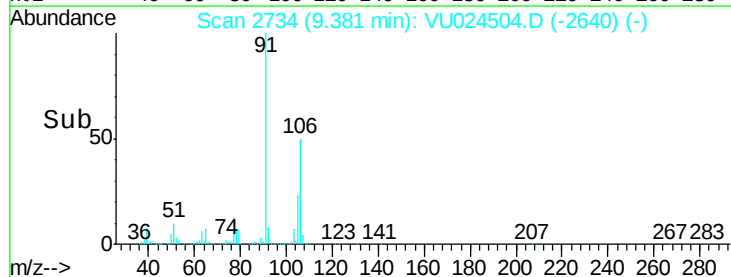
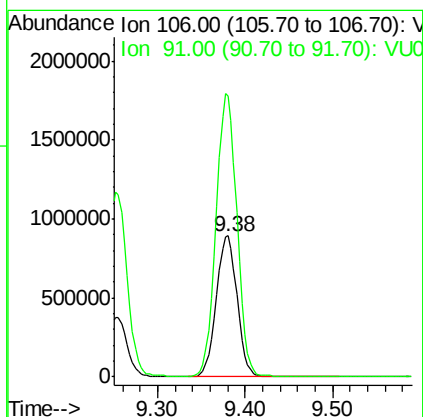
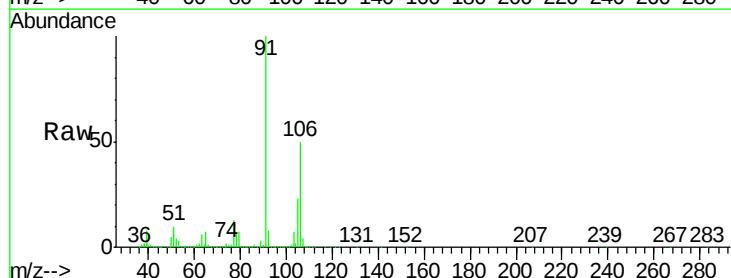
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

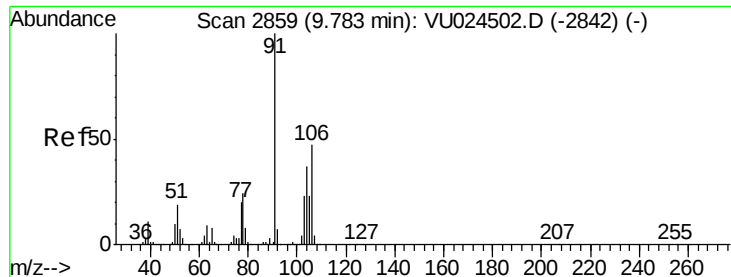
Tgt Ion: 91 Resp: 1882404
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4



#68
m/p-Xylenes
Concen: 273.76 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion: 106 Resp: 1473528
Ion Ratio Lower Upper
106 100
91 202.1 166.5 249.7

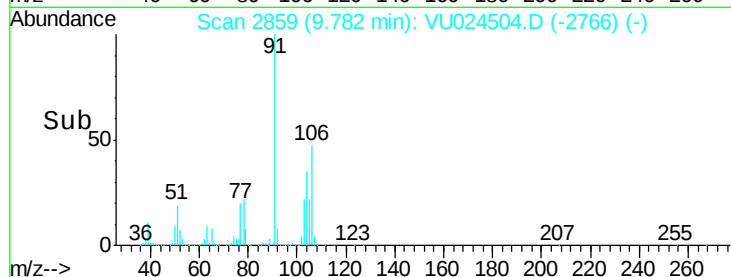
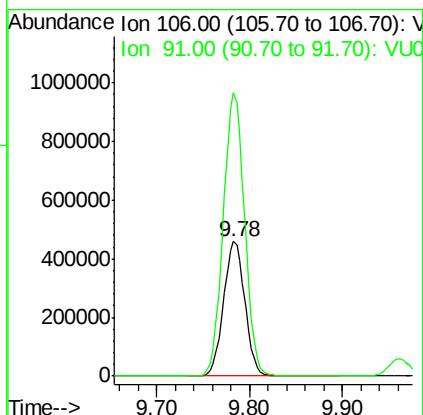
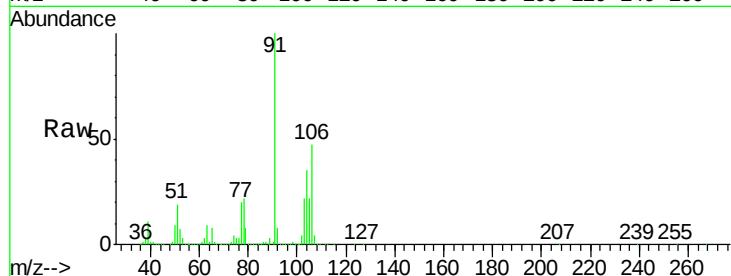




#69
o-Xylene
Concen: 146.78 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

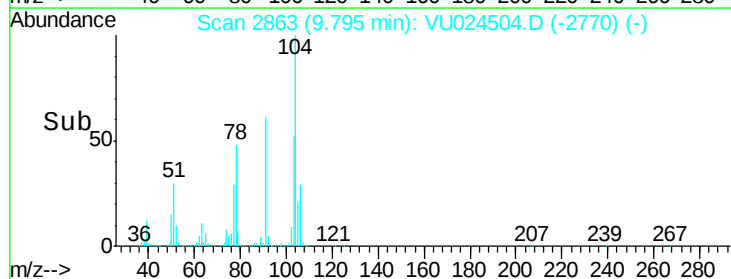
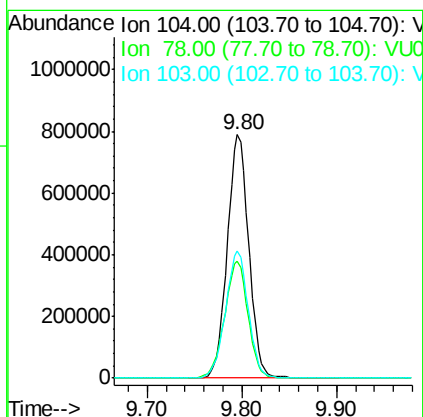
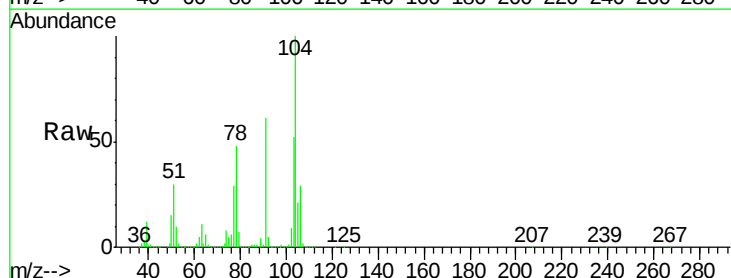
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

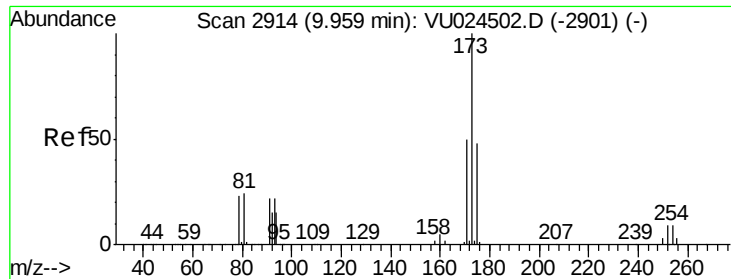
Tgt Ion:106 Resp: 728219
Ion Ratio Lower Upper
106 100
91 211.9 110.7 331.9



#70
Styrene
Concen: 147.67 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024504.D
Acq: 13 Jun 2018 13:28

Tgt Ion:104 Resp: 1247481
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 55.3 44.7 67.1





#71

Bromoform

Concen: 165.82 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

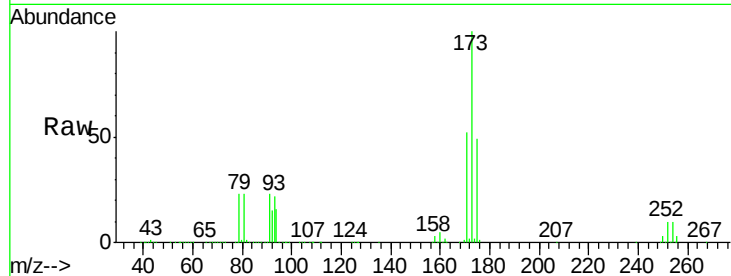
Tgt Ion:173 Resp: 430500

Ion Ratio Lower Upper

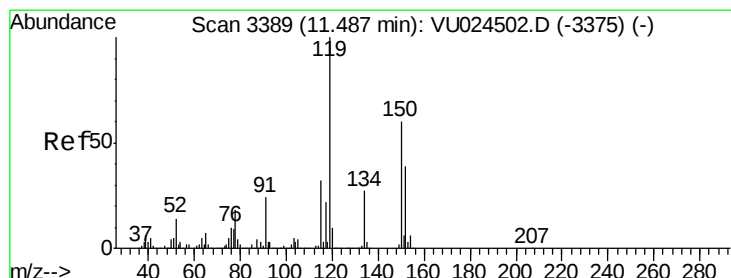
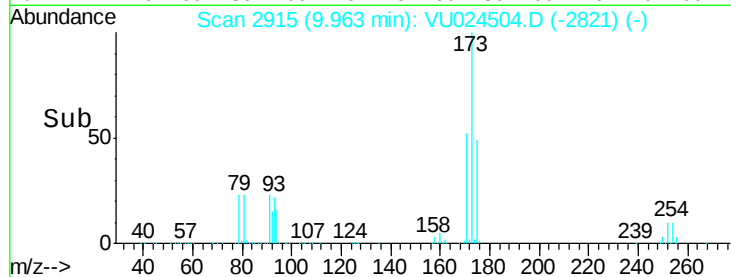
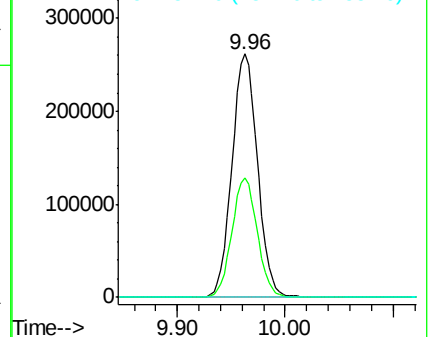
173 100

175 48.7 24.6 74.0

254 0.1 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: VU024504.D

Acq: 13 Jun 2018 13:28

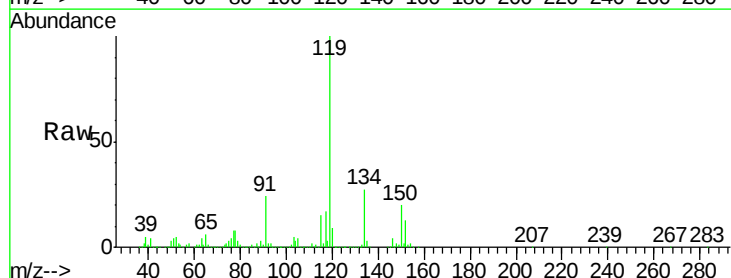
Tgt Ion:152 Resp: 193059

Ion Ratio Lower Upper

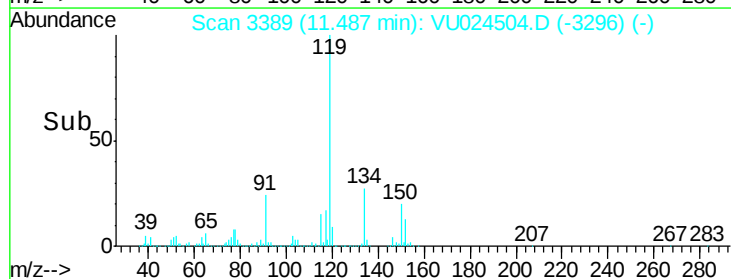
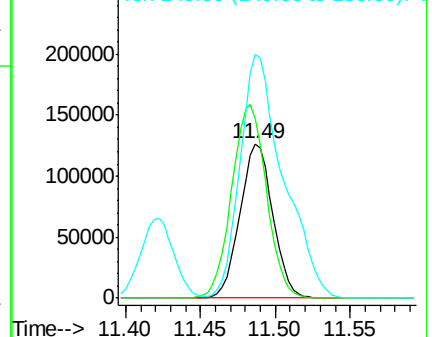
152 100

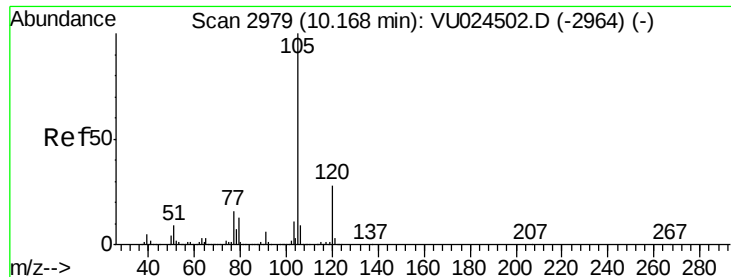
115 132.4 43.0 129.0#

150 208.9 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: 148.01 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

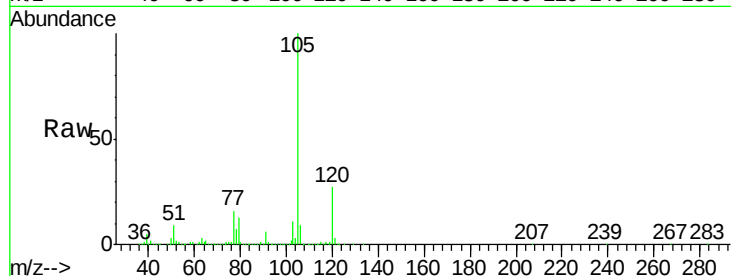
VSTDIC150

Tgt Ion: 105 Resp: 1970017

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

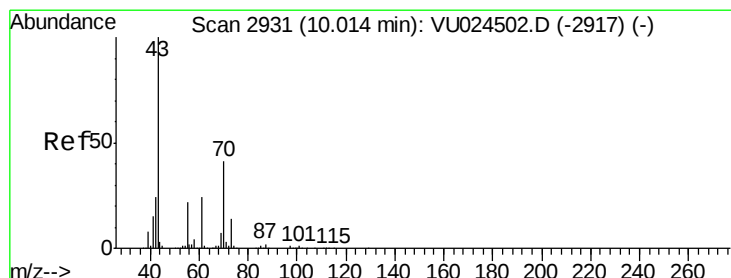
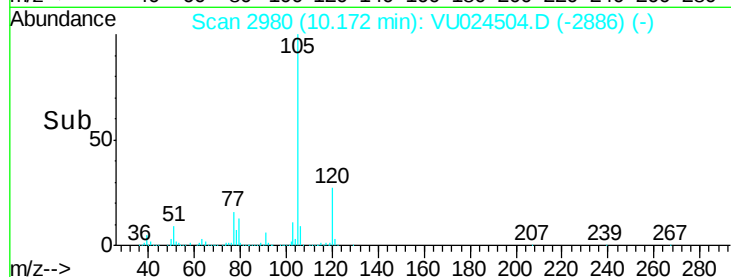
10.17

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 165.10 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Tgt Ion: 43 Resp: 994659

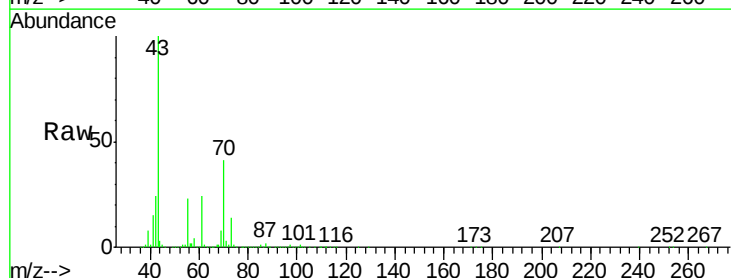
Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 22.7 20.5 30.7

61 24.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.02

1000000

800000

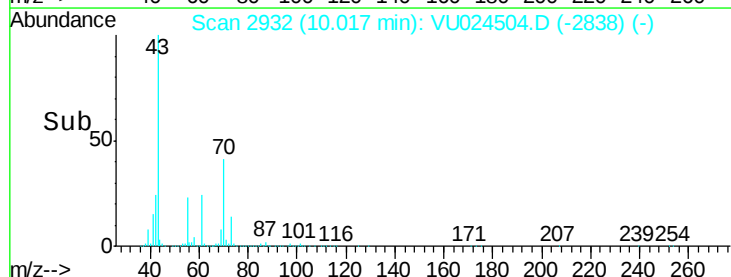
600000

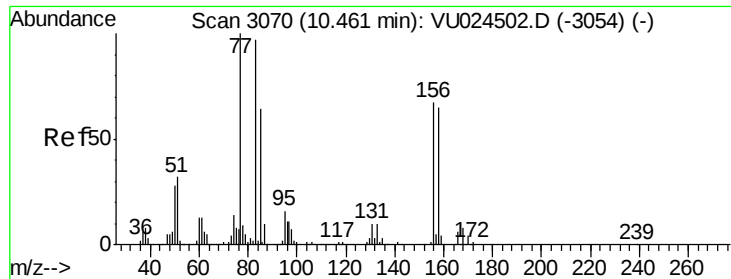
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 118.65 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

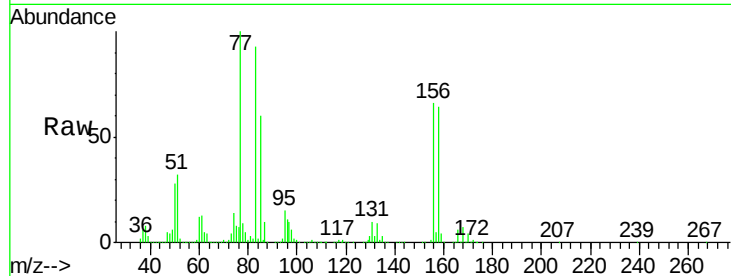
Tgt Ion: 83 Resp: 684914

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

85 64.9 32.5 97.5

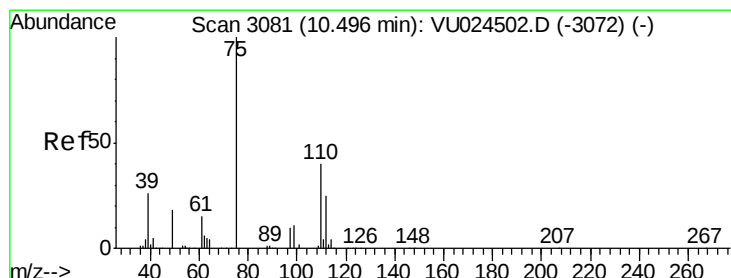
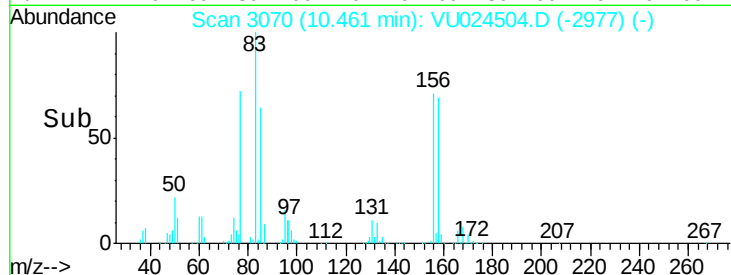


Abundance Ion 82.90 (82.60 to 83.60): VU024504.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024504.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024504.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 214.84 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU024504.D

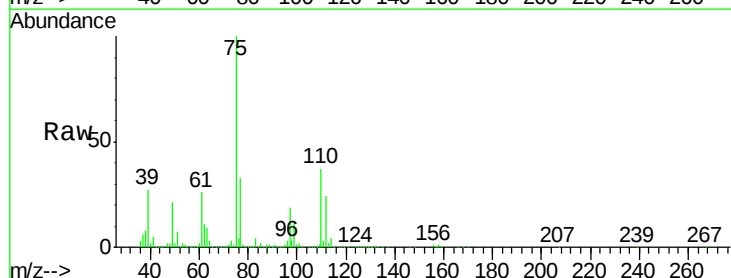
Acq: 13 Jun 2018 13:28

Tgt Ion: 75 Resp: 869954

Ion Ratio Lower Upper

75 100

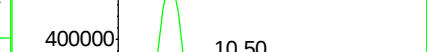
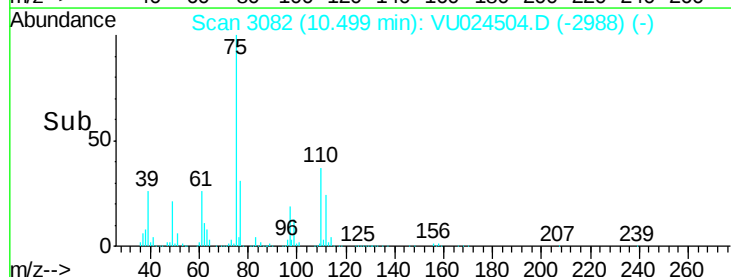
77 30.8 20.9 62.7

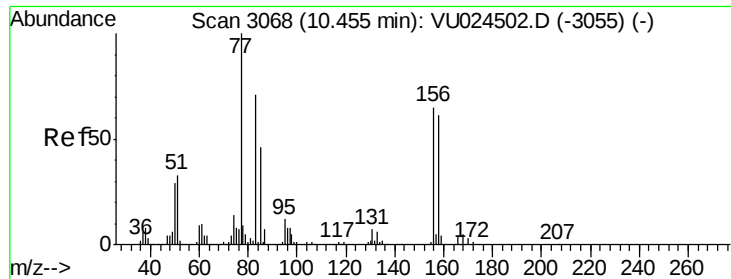


Abundance Ion 74.90 (74.60 to 75.60): VU024504.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024504.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 140.44 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

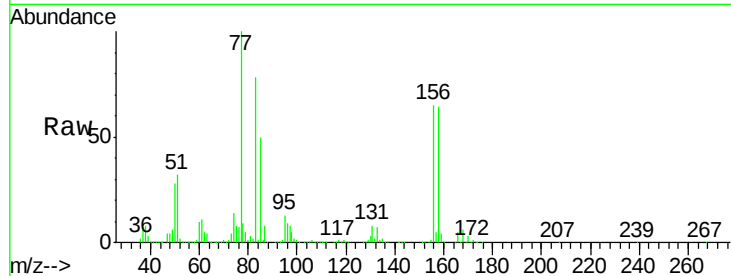
Tgt Ion:156 Resp: 517586

Ion Ratio Lower Upper

156 100

77 156.8 80.5 241.3

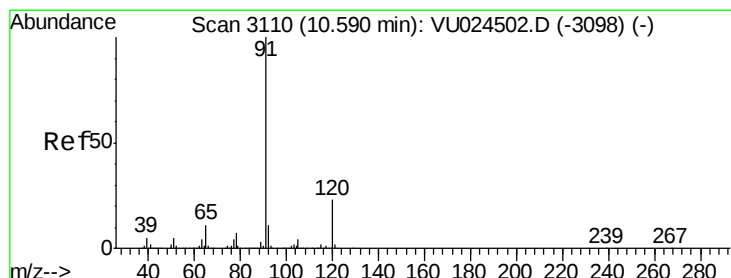
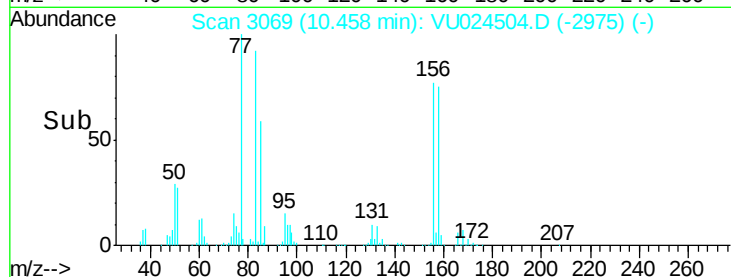
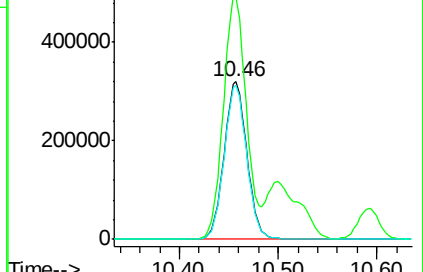
158 97.3 48.2 144.6



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: 142.97 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024504.D

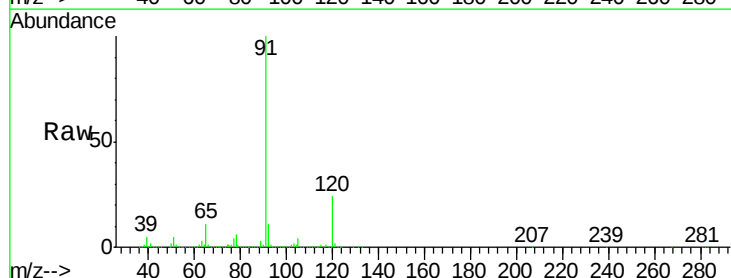
Acq: 13 Jun 2018 13:28

Tgt Ion: 91 Resp: 2359120

Ion Ratio Lower Upper

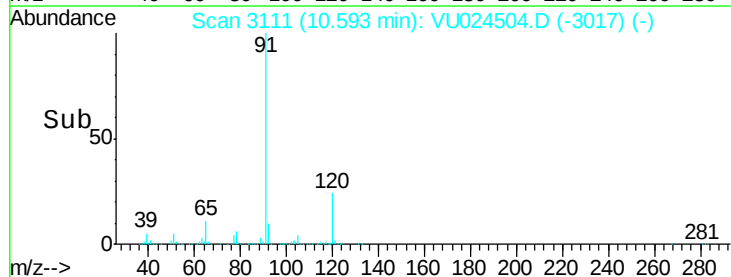
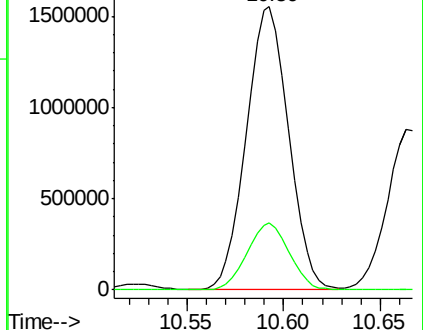
91 100

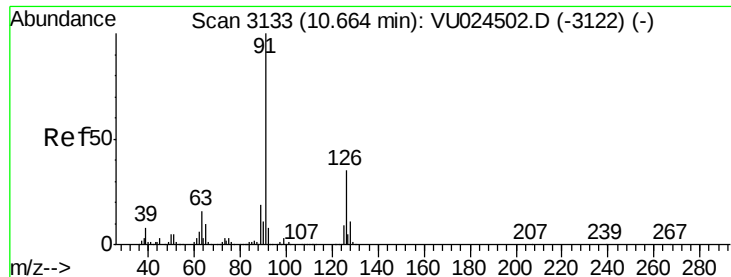
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 138.14 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

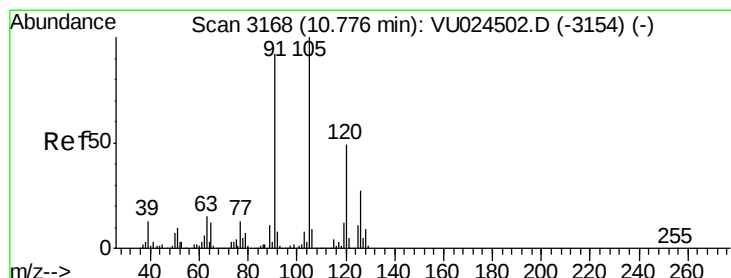
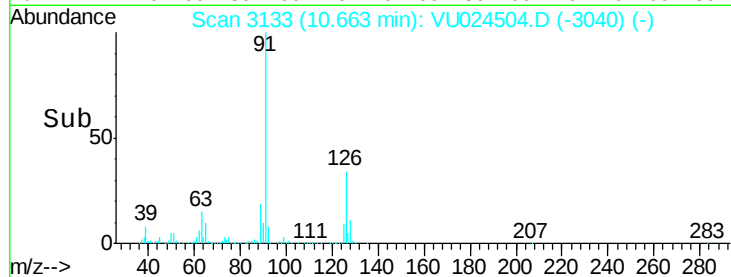
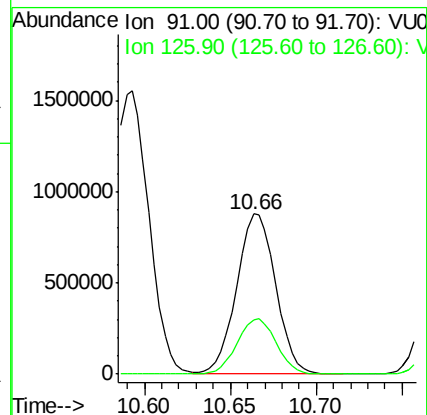
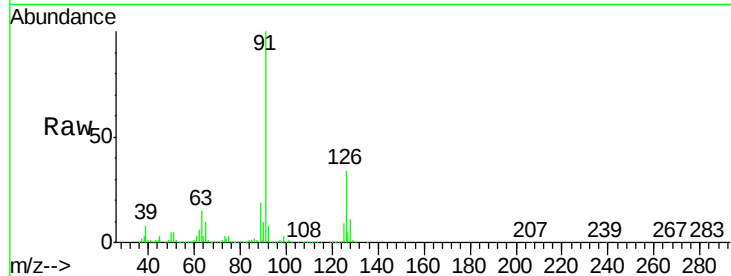
VSTDIC150

Tgt Ion: 91 Resp: 1383608

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 152.14 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024504.D

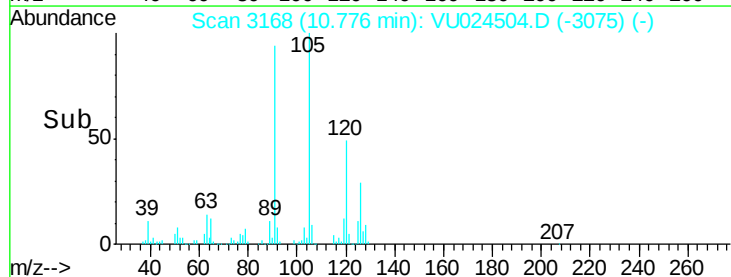
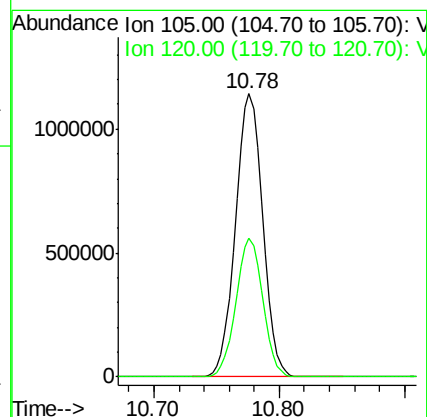
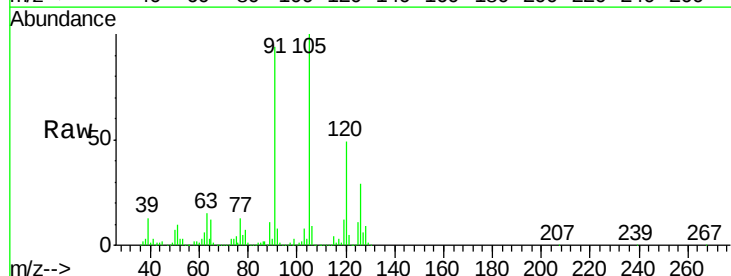
Acq: 13 Jun 2018 13:28

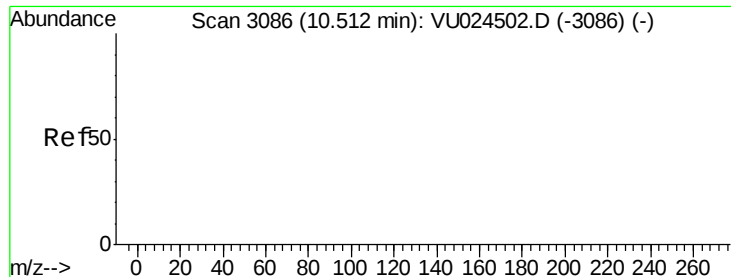
Tgt Ion: 105 Resp: 1717267

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 455.76 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

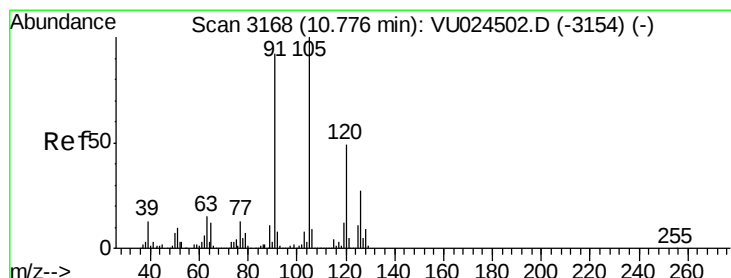
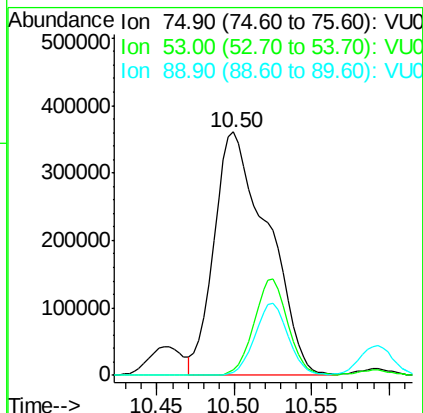
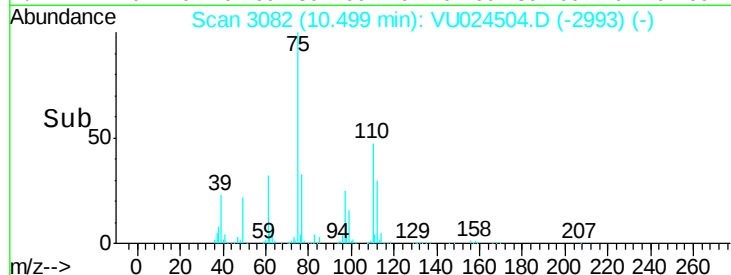
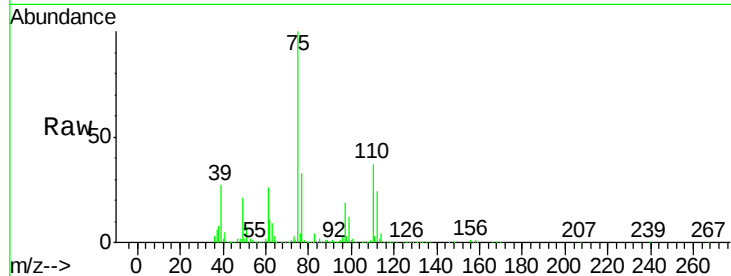
Tgt Ion: 75 Resp: 869928

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 141.54 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024504.D

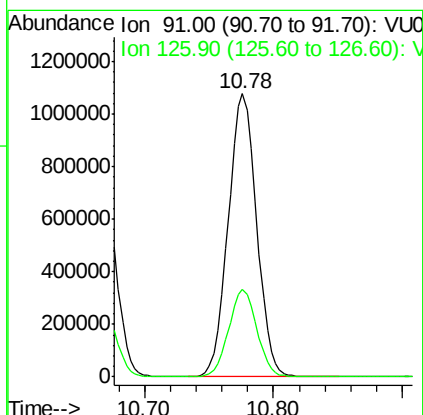
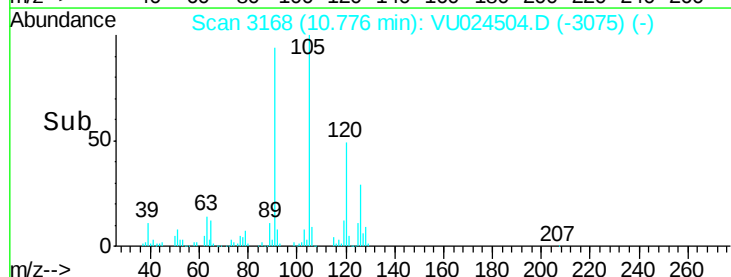
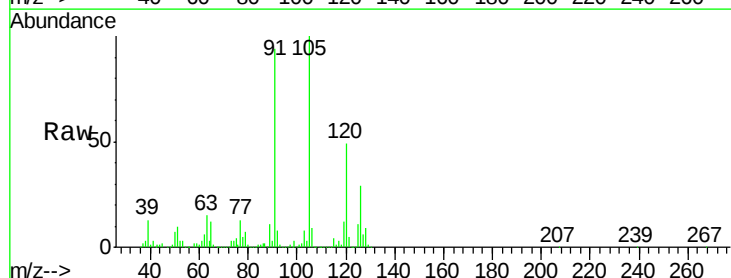
Acq: 13 Jun 2018 13:28

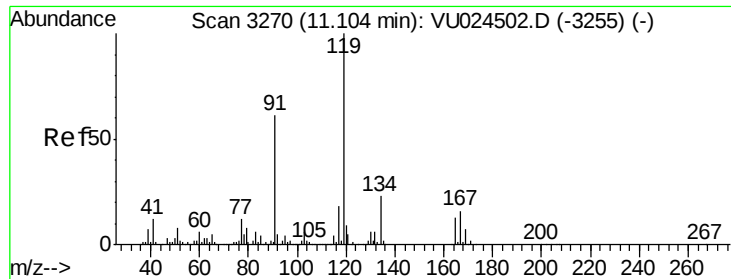
Tgt Ion: 91 Resp: 1644711

Ion Ratio Lower Upper

91 100

126 30.6 14.9 44.9





#83

tert-Butylbenzene

Concen: 152.60 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

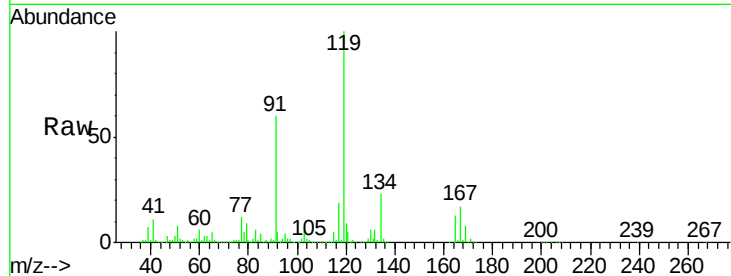
Tgt Ion:119 Resp: 1676629

Ion Ratio Lower Upper

119 100

91 59.6 29.7 89.1

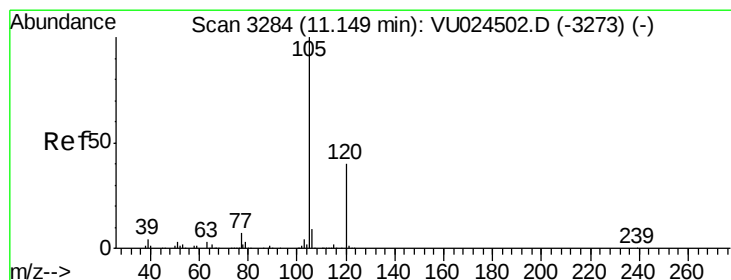
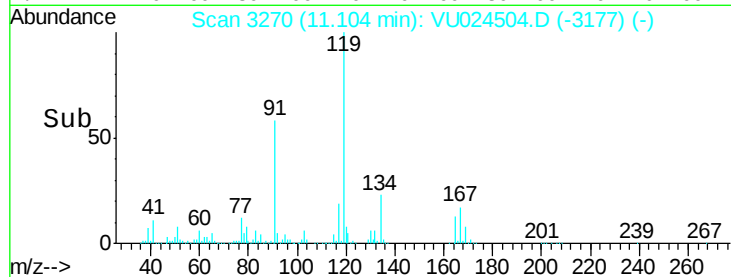
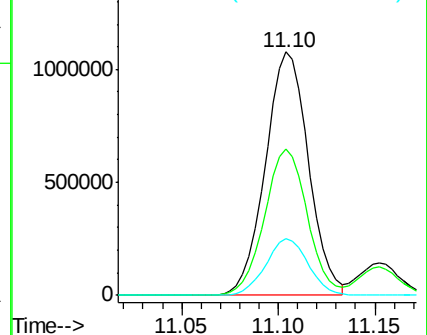
134 23.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 157.69 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024504.D

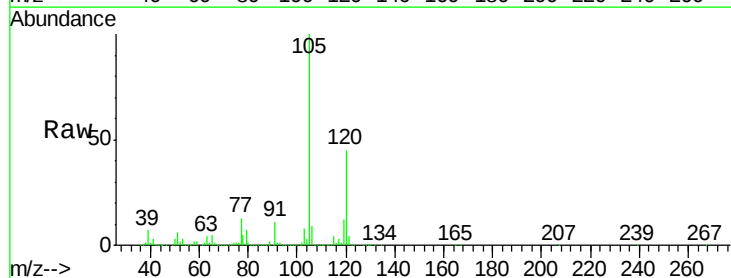
Acq: 13 Jun 2018 13:28

Tgt Ion:105 Resp: 1798637

Ion Ratio Lower Upper

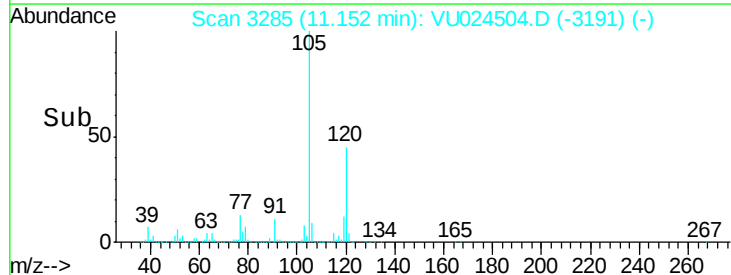
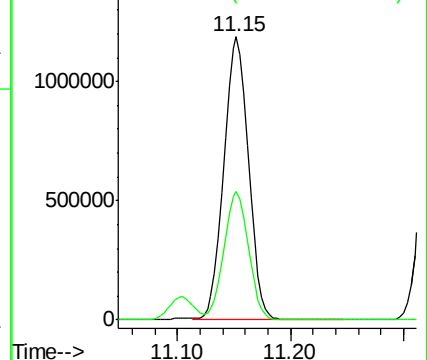
105 100

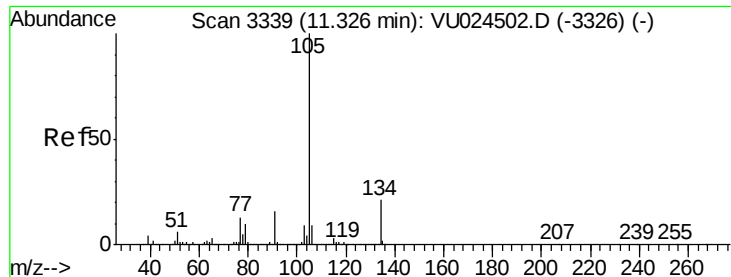
120 45.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

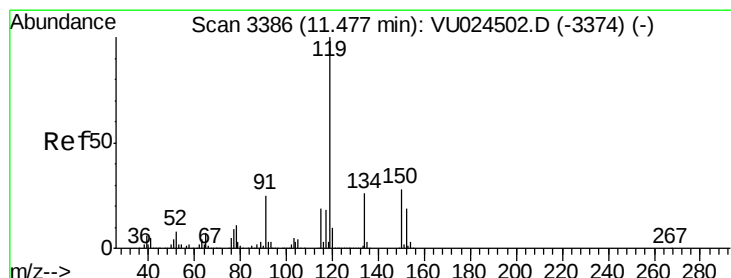
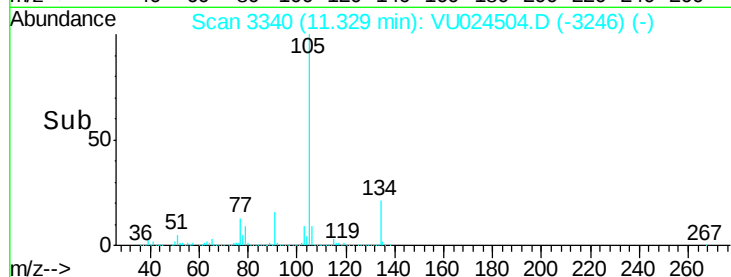
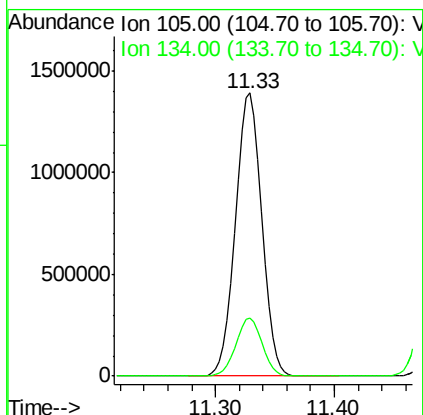
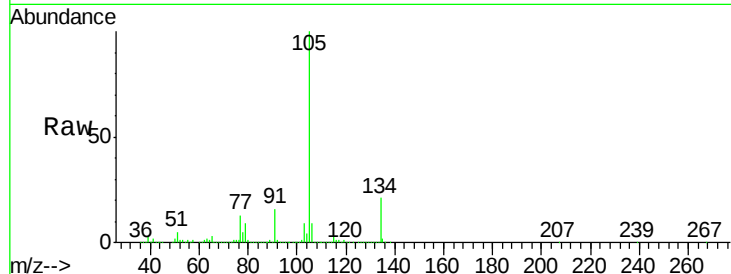




#85
 sec-Butylbenzene
 Concen: 154.37 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

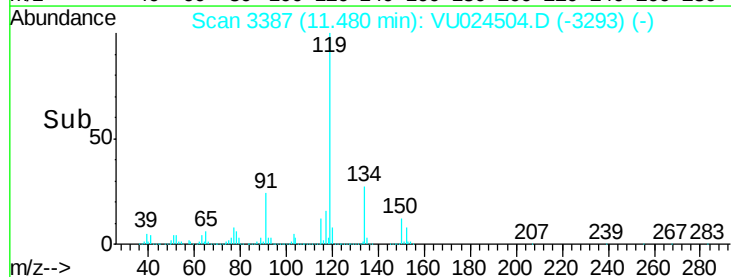
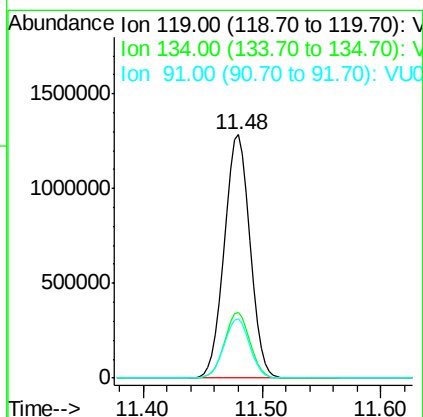
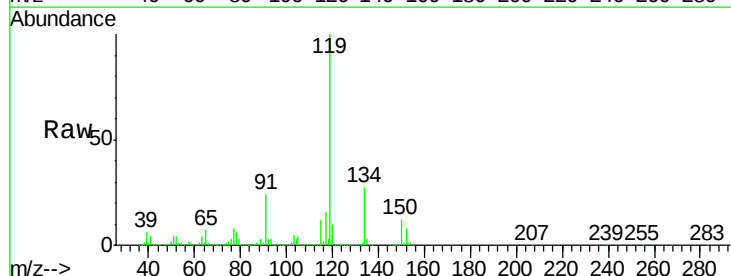
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2129487
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 157.07 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion:119 Resp: 1914925
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.6
 91 24.2 12.0 36.1

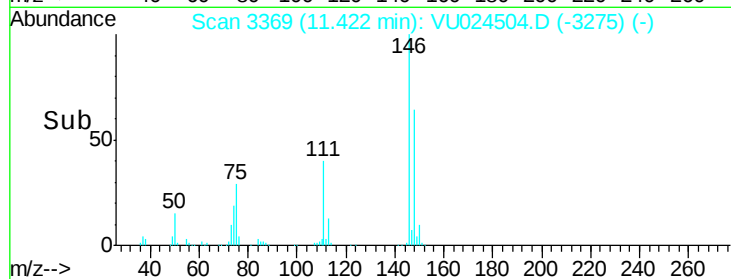
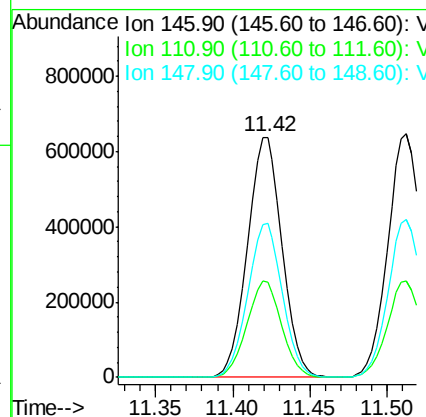
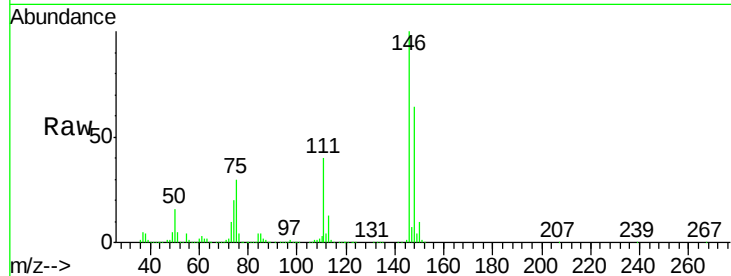




#87
 1,3-Dichlorobenzene
 Concen: 140.12 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

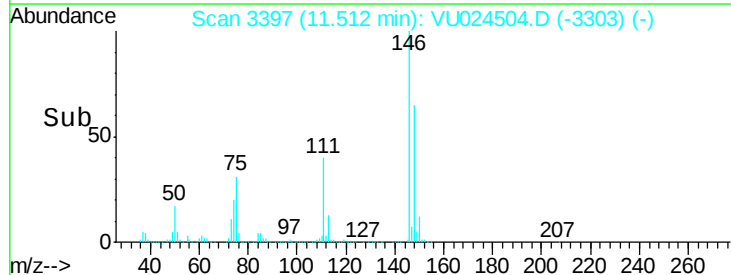
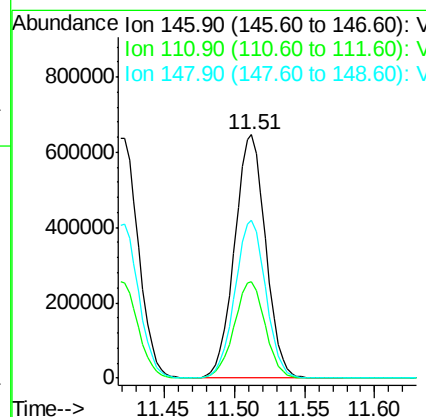
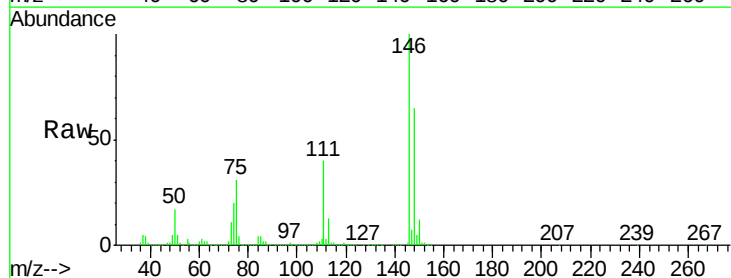
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 992516
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 134.27 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion:146 Resp: 995594
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 148.68 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

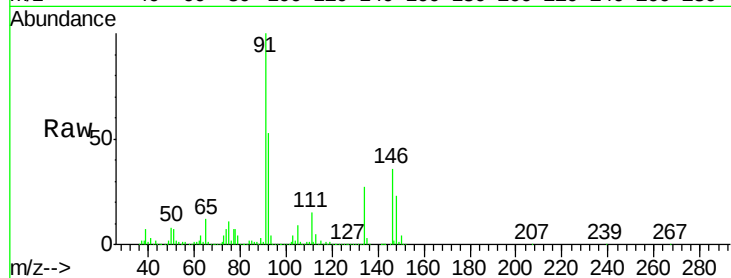
Tgt Ion: 91 Resp: 1783561

Ion Ratio Lower Upper

91 100

92 53.0 25.6 76.8

134 26.7 12.3 36.8

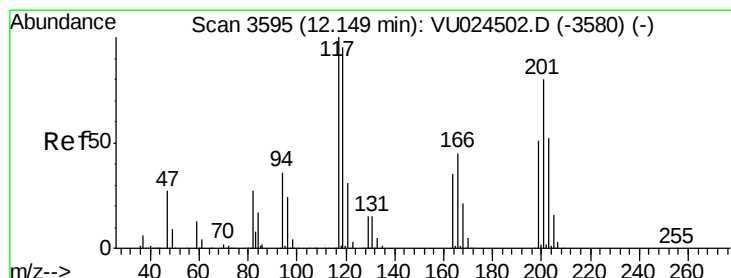
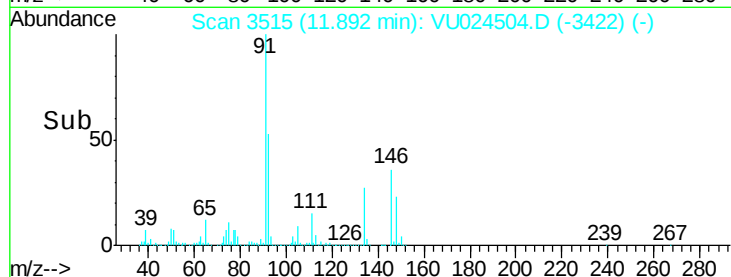


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

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: 172.41 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024504.D

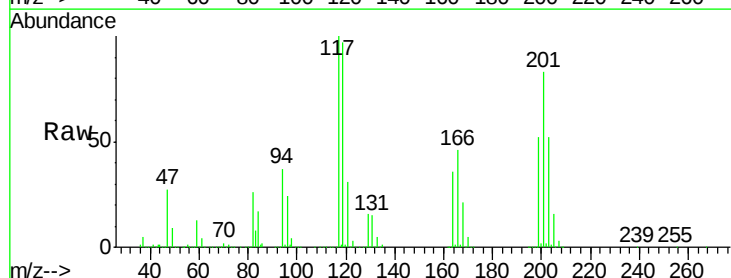
Acq: 13 Jun 2018 13:28

Tgt Ion: 117 Resp: 376813

Ion Ratio Lower Upper

117 100

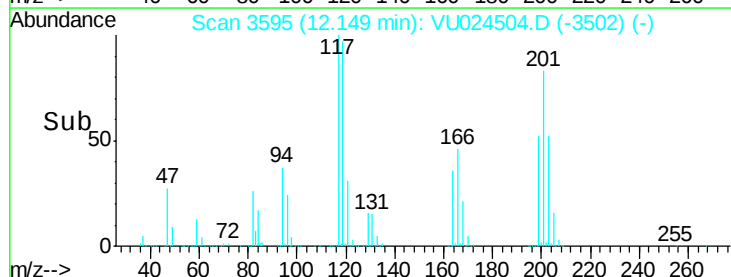
201 82.4 41.1 123.3

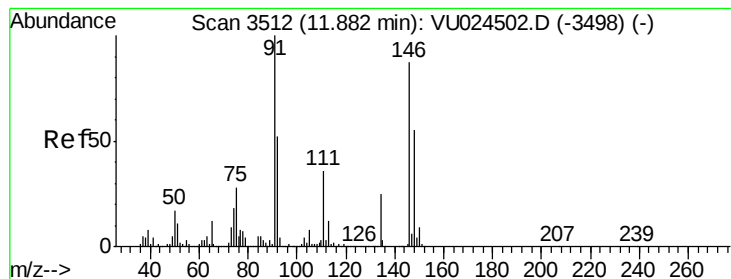


Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 136.16 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

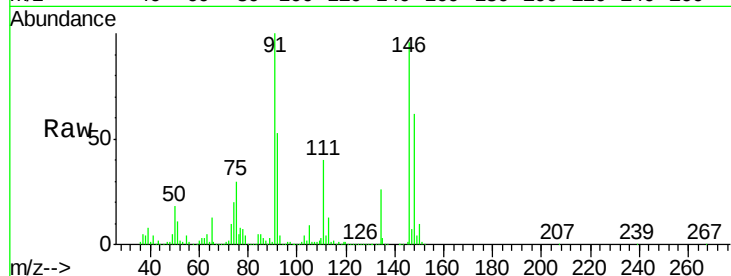
Tgt Ion:146 Resp: 964467

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

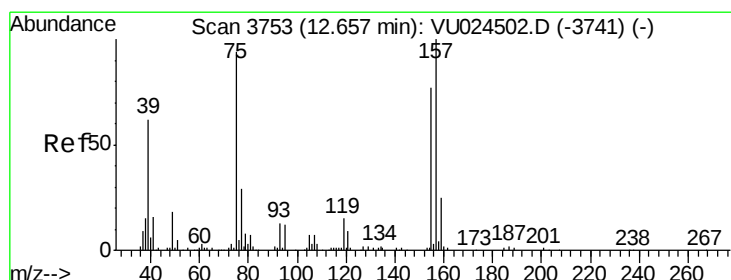
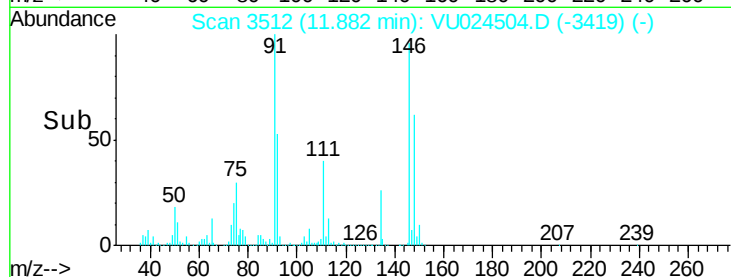
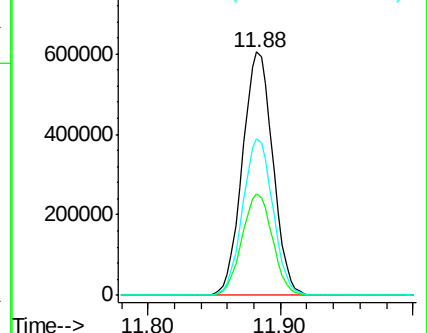
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 169.64 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

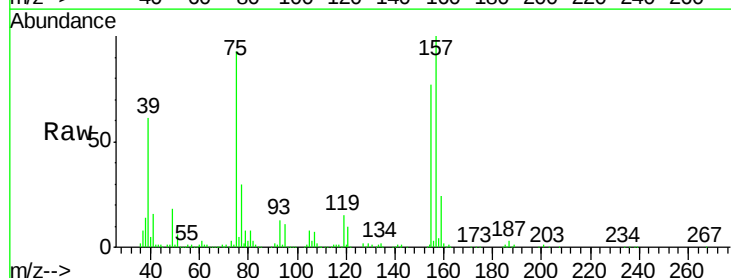
Tgt Ion: 75 Resp: 199898

Ion Ratio Lower Upper

75 100

155 84.6 40.4 121.2

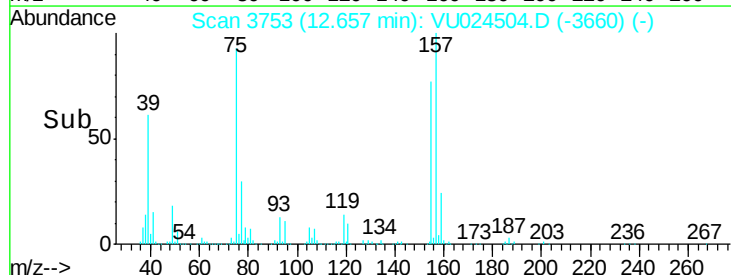
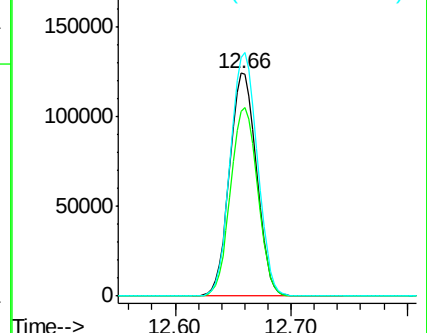
157 109.0 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

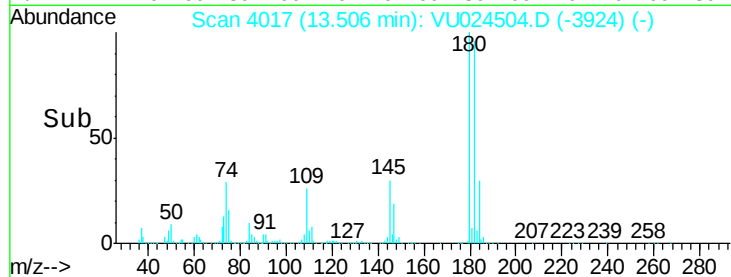
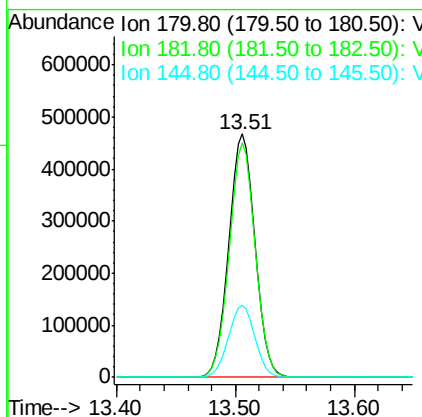
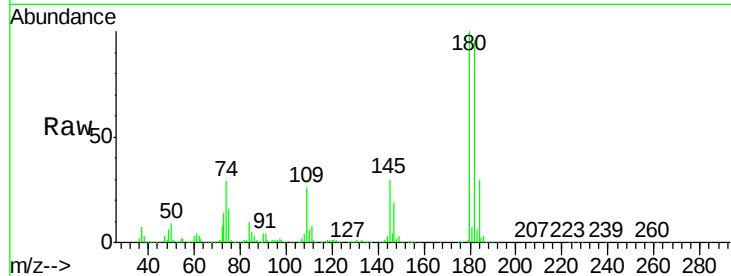




#93
 1,2,4-Trichlorobenzene
 Concen: 169.79 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

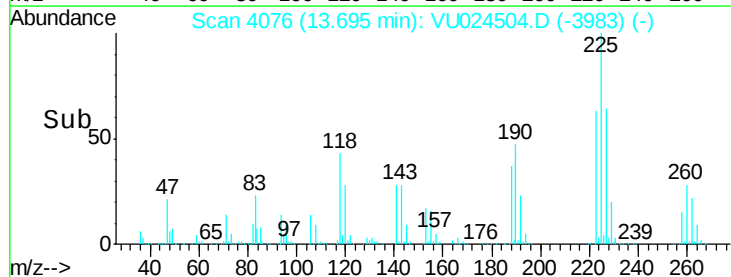
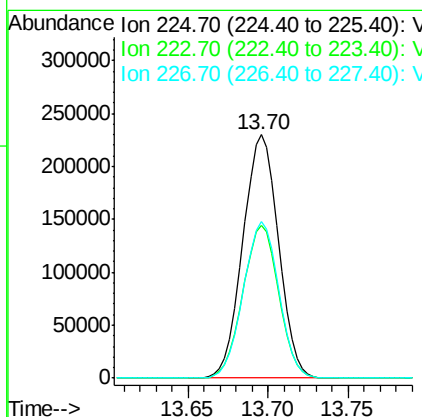
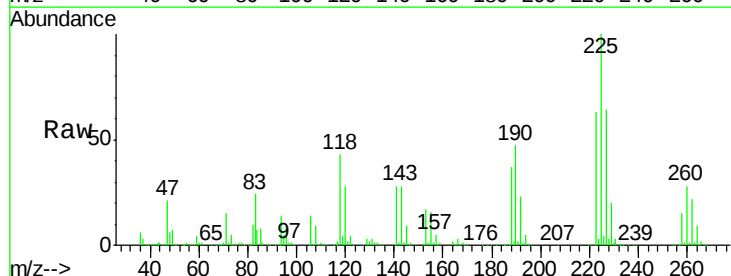
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 710428
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 30.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 140.90 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024504.D
 Acq: 13 Jun 2018 13:28

Tgt Ion:225 Resp: 350175
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 63.9 31.8 95.4





#95

Naphthalene

Concen: 188.62 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. -0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

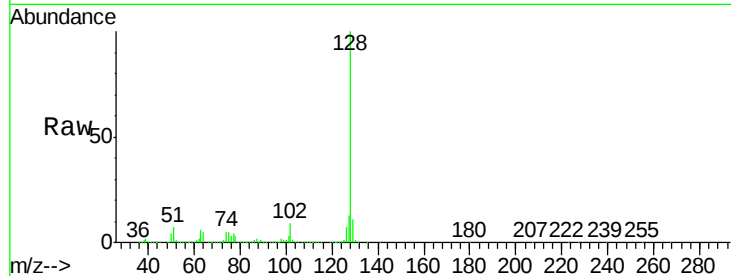
Tgt Ion:128 Resp: 2157965

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

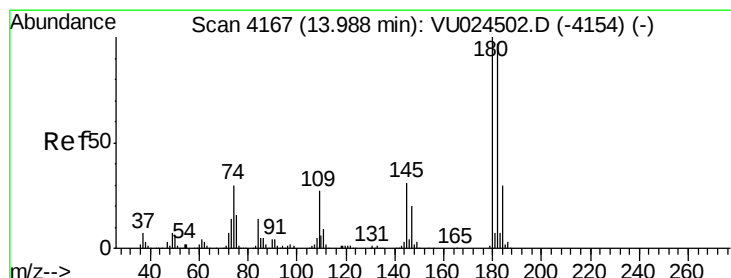
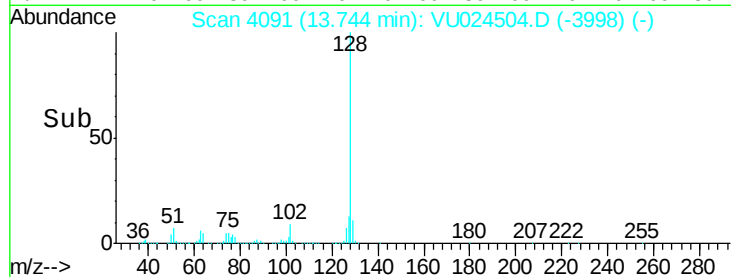
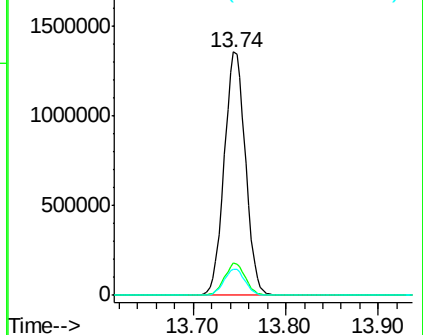
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 164.18 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024504.D

Acq: 13 Jun 2018 13:28

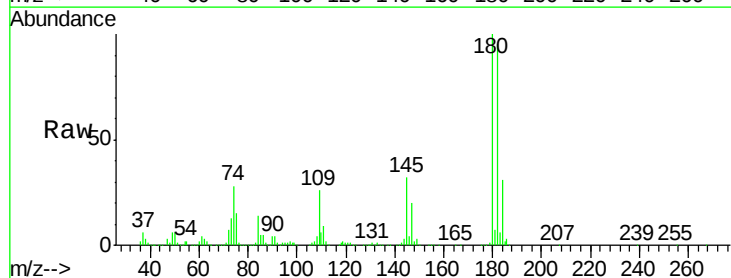
Tgt Ion:180 Resp: 694142

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 32.0 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

