

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024803.D
 Acq On : 21 Jun 2018 12:00
 Operator : MD/SY
 Sample : VU0621WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Quant Time: Jun 21 15:22:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263981	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	128531	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
35) Dibromofluoromethane	4.89	113	102361	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
50) Toluene-d8	7.57	98	367278	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	10.31	95	146923	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	38086	17.59	ug/l	100
3) Chloromethane	1.33	50	41280	18.67	ug/l	98
4) Vinyl Chloride	1.40	62	42992	18.85	ug/l	97
5) Bromomethane	1.63	94	28547	25.89	ug/l	100
6) Chloroethane	1.70	64	28086	21.44	ug/l	99
7) Trichlorofluoromethane	1.89	101	73284	21.05	ug/l	96
8) Diethyl Ether	2.10	74	27337	22.03	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41744	19.33	ug/l	95
10) Methyl Iodide	2.41	142	36608	23.20	ug/l	96
11) Tert butyl alcohol	2.82	59	60566	88.20	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38215	19.41	ug/l	92
13) Acrolein	2.19	56	57098	158.35	ug/l	100
14) Allyl chloride	2.60	41	66617	18.22	ug/l	96
15) Acrylonitrile	2.94	53	132510	99.18	ug/l	98
16) Acetone	2.32	43	138391	91.23	ug/l	98
17) Carbon Disulfide	2.48	76	113790	18.05	ug/l	100
18) Methyl Acetate	2.62	43	68837	21.17	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	149224	20.16	ug/l	98
20) Methylene Chloride	2.71	84	46717	19.63	ug/l	92
21) trans-1,2-Dichloroethene	2.99	96	41493	19.13	ug/l	96
22) Diisopropyl ether	3.57	45	148371	20.47	ug/l	94
23) Vinyl Acetate	3.53	43	646695	99.60	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82780	19.85	ug/l	99
25) 2-Butanone	4.26	43	198083	97.21	ug/l	96
26) 2,2-Dichloropropane	4.23	77	76208	19.25	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50318	20.18	ug/l	98
28) Bromochloromethane	4.55	49	32256	17.56	ug/l	87
29) Tetrahydrofuran	4.63	42	119695	94.86	ug/l	96
30) Chloroform	4.68	83	87960	20.84	ug/l	97
31) Cyclohexane	5.00	56	79893	20.41	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	77155	19.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60325	19.45	ug/l	96
37) Ethyl Acetate	4.38	43	70780	20.93	ug/l	96
38) Carbon Tetrachloride	5.14	117	68883	20.19	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024803.D
 Acq On : 21 Jun 2018 12:00
 Operator : MD/SY
 Sample : VU0621WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Quant Time: Jun 21 15:22:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80533	20.80	ug/l	94
40) Benzene	5.39	78	183300	20.74	ug/l	98
41) Methacrylonitrile	4.54	41	39832	21.85	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72743	21.61	ug/l	99
43) Isopropyl Acetate	5.55	43	118208	20.23	ug/l	98
44) Trichloroethene	6.19	130	51653	20.53	ug/l	95
45) 1,2-Dichloropropane	6.44	63	49832	21.13	ug/l	98
46) Dibromomethane	6.56	93	36121	21.80	ug/l	95
47) Bromodichloromethane	6.76	83	67562	20.48	ug/l	97
48) Methyl methacrylate	6.62	41	61011	21.44	ug/l	98
49) 1,4-Dioxane	6.62	88	26489	475.98	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	374900	102.11	ug/l	98
52) Toluene	7.64	92	118771	20.89	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	75081	20.27	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	78242	19.82	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48484	20.97	ug/l	98
56) Ethyl methacrylate	8.02	69	79528	20.56	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83443	21.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	127838	86.25	ug/l	95
59) 2-Hexanone	8.36	43	298483	99.58	ug/l	100
60) Dibromochloromethane	8.48	129	55737	19.34	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54638	21.24	ug/l	100
64) Tetrachloroethene	8.23	164	46292	19.98	ug/l	98
65) Chlorobenzene	9.12	112	135770	21.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50427	21.31	ug/l	98
67) Ethyl Benzene	9.25	91	234292	21.46	ug/l	99
68) m/p-Xylenes	9.38	106	183772	43.84	ug/l	95
69) o-Xylene	9.78	106	88457	21.32	ug/l	100
70) Styrene	9.80	104	145220	21.30	ug/l	99
71) Bromoform	9.96	173	43963	19.55	ug/l #	100
73) Isopropylbenzene	10.17	105	243212	21.69	ug/l	99
74) N-amyl acetate	10.01	43	107795	20.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79927	21.27	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	93884	29.20	ug/l	82
77) Bromobenzene	10.45	156	60020	21.14	ug/l	95
78) n-propylbenzene	10.59	91	273739	20.73	ug/l	97
79) 2-Chlorotoluene	10.66	91	164694	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207839	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	93884	67.58	ug/l #	100
82) 4-Chlorotoluene	10.78	91	190271	20.99	ug/l	100
83) tert-Butylbenzene	11.10	119	206352	22.07	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	210681	21.27	ug/l	98
85) sec-Butylbenzene	11.33	105	247810	21.18	ug/l	98
86) p-Isopropyltoluene	11.48	119	221073	21.10	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	110314	21.04	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	111688	21.16	ug/l	99
89) n-Butylbenzene	11.89	91	186415	20.04	ug/l	98
90) Hexachloroethane	12.15	117	39032	19.09	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113643	21.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21655	20.89	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
Data File : VU024803.D
Acq On : 21 Jun 2018 12:00
Operator : MD/SY
Sample : VU0621WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Quant Time: Jun 21 15:22:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	77439	23.87	ug/l	100
94) Hexachlorobutadiene	13.70	225	40628	22.25	ug/l	99
95) Naphthalene	13.75	128	261185	24.67	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	83805	25.93	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

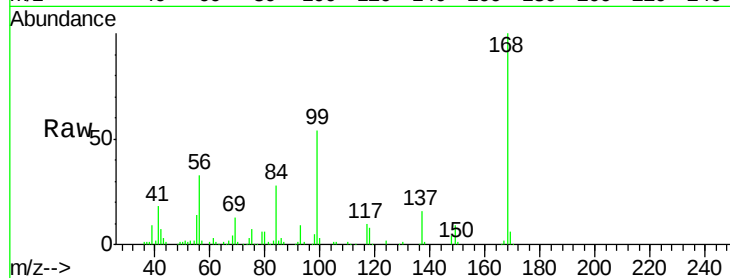
VU0621WBSD01

Tot Ion:168 Resp: 172947

Ion Ratio Lower Upper

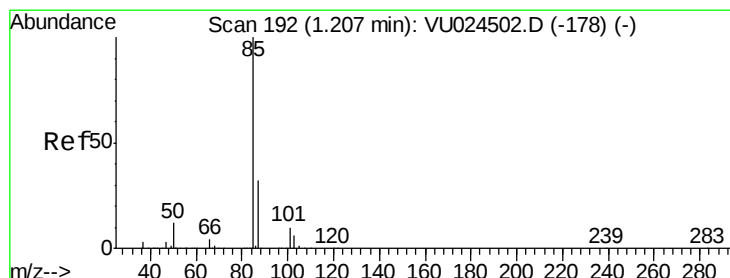
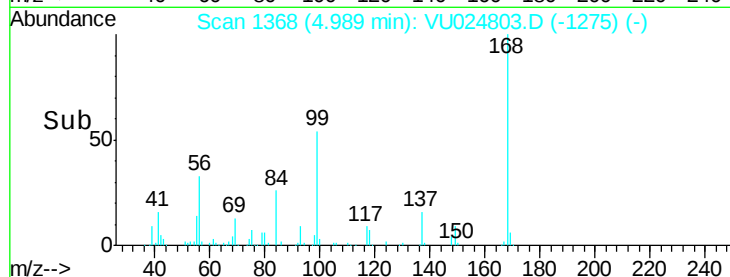
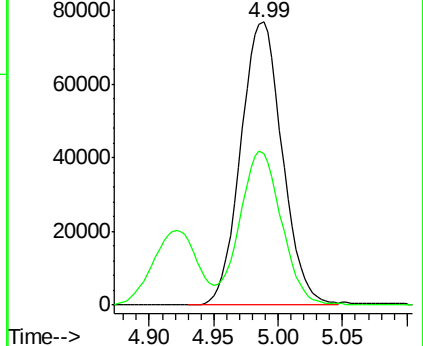
168 100

99 53.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 17.59 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024803.D

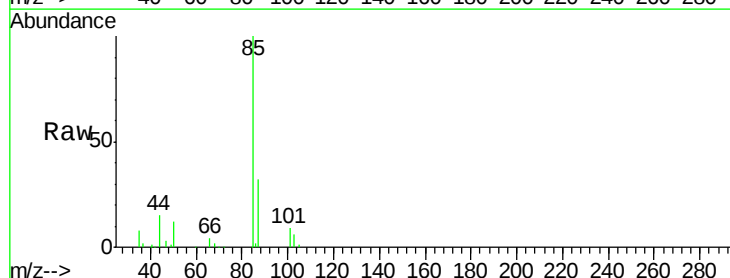
Acq: 21 Jun 2018 12:00

Tgt Ion: 85 Resp: 38086

Ion Ratio Lower Upper

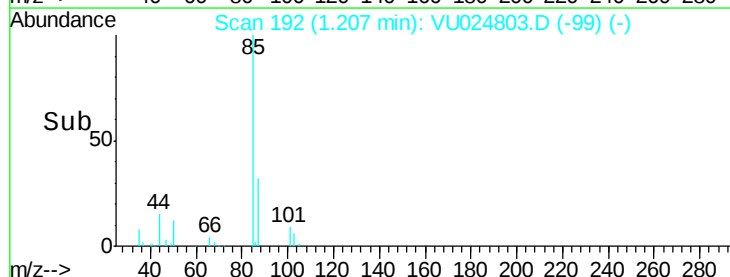
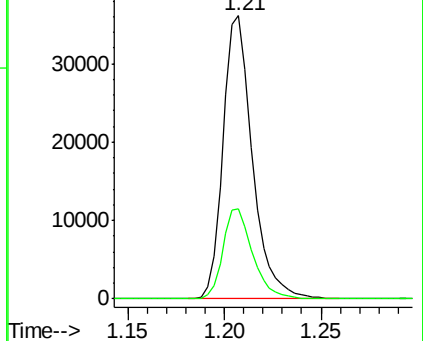
85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 18.67 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

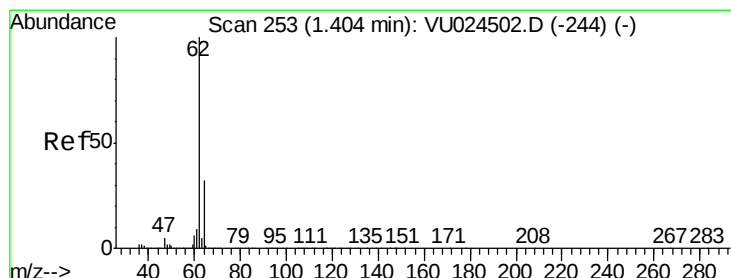
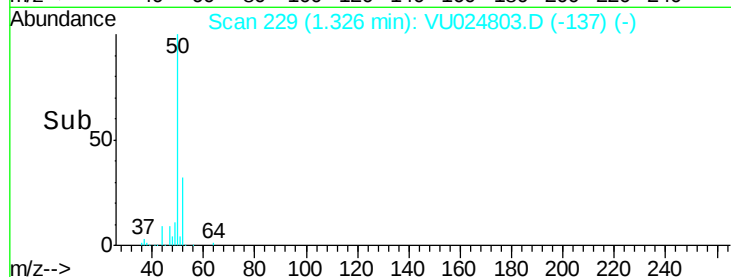
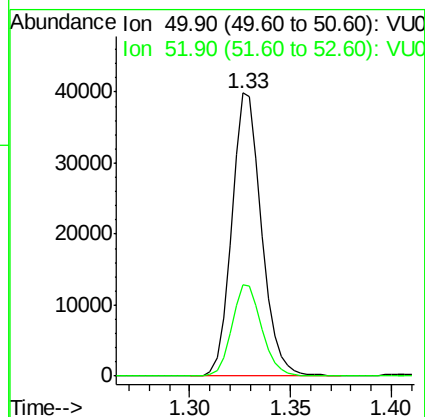
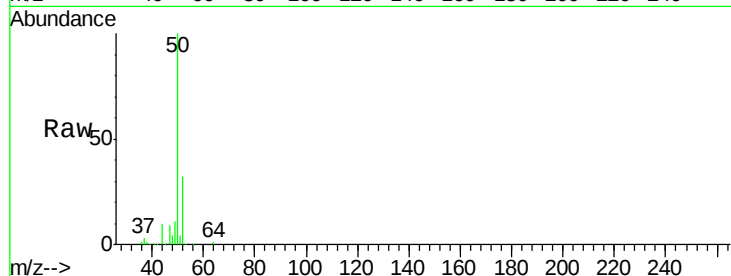
VU0621WBSD01

Tot Ion: 50 Resp: 41280

Ion Ratio Lower Upper

50 100

52 32.1 26.4 39.6



#4

Vinyl Chloride

Concen: 18.85 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024803.D

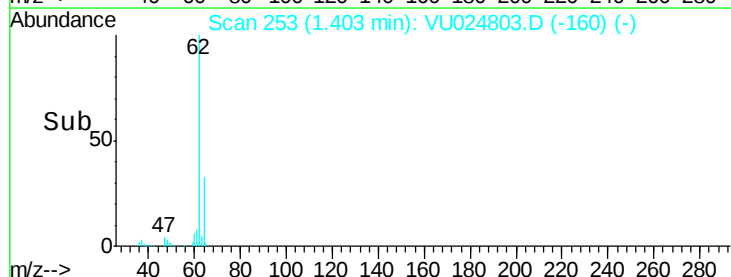
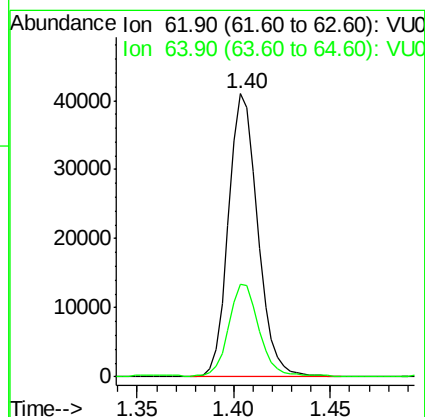
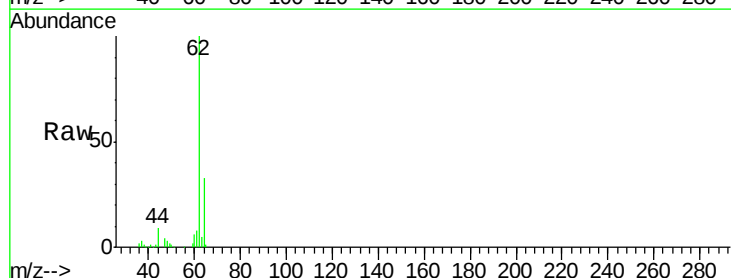
Acq: 21 Jun 2018 12:00

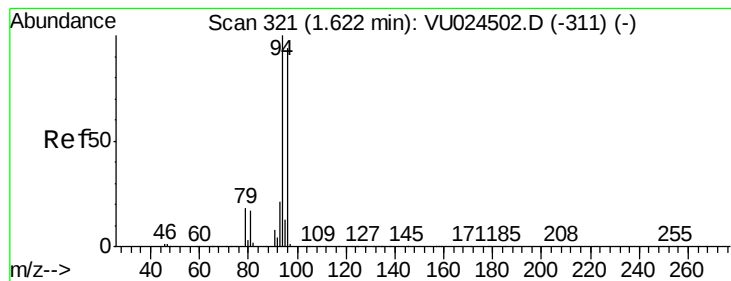
Tgt Ion: 62 Resp: 42992

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 25.89 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

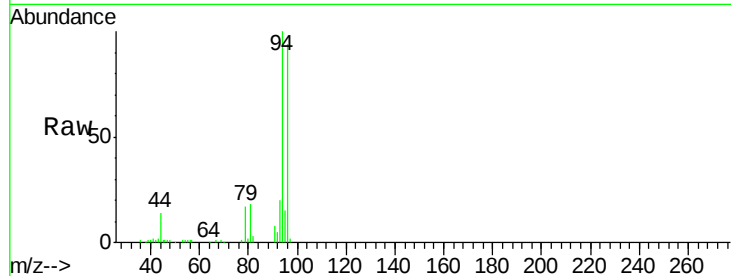
VU0621WBSD01

Tot Ion: 94 Resp: 28547

Ion Ratio Lower Upper

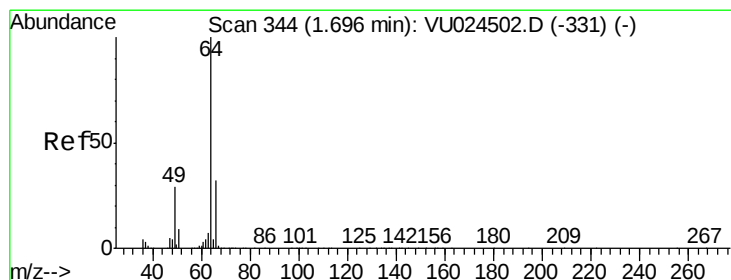
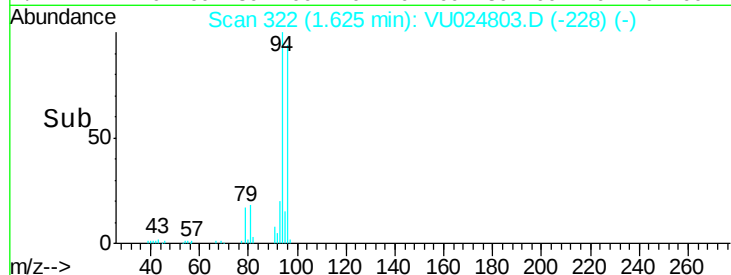
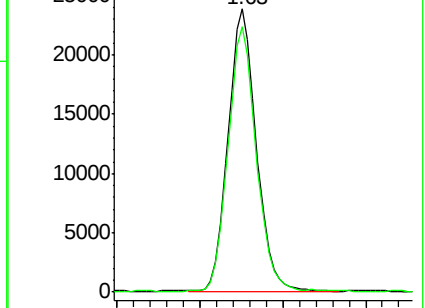
94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.44 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024803.D

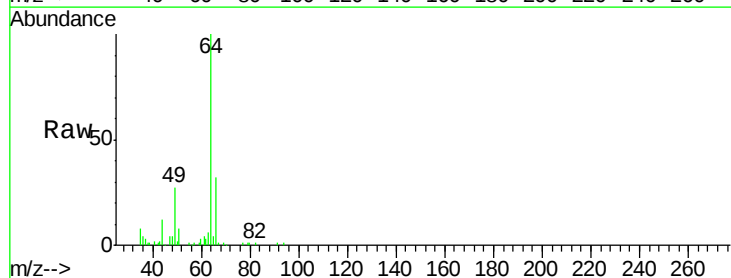
Acq: 21 Jun 2018 12:00

Tgt Ion: 64 Resp: 28086

Ion Ratio Lower Upper

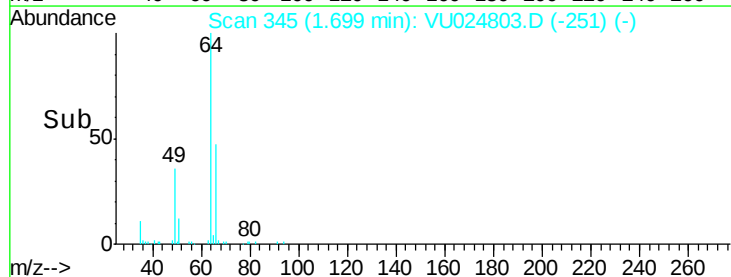
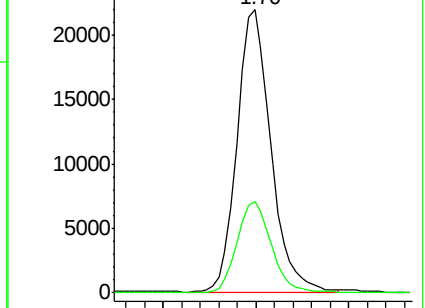
64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 21.05 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

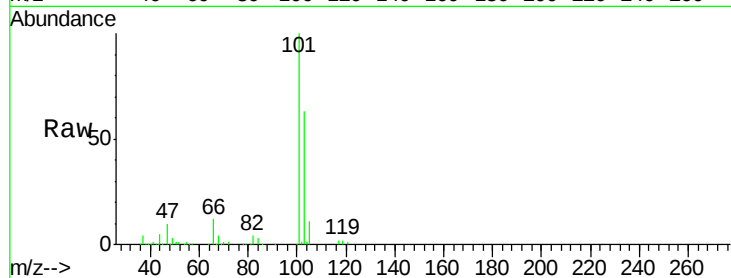
VU0621WBSD01

Tot Ion:101 Resp: 73284

Ion Ratio Lower Upper

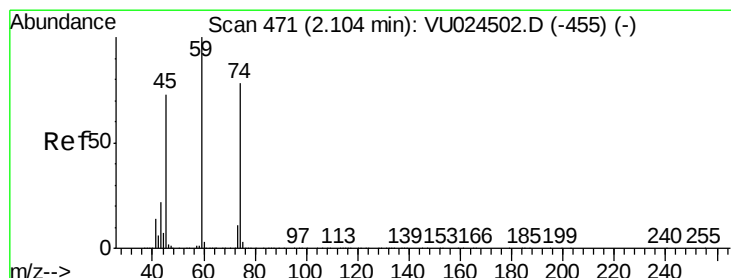
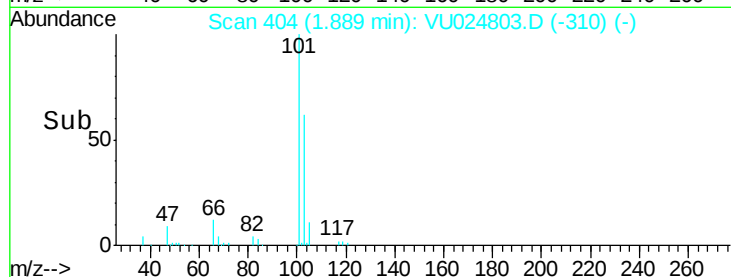
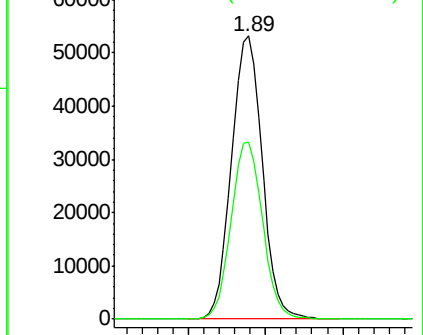
101 100

103 62.6 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: 22.03 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024803.D

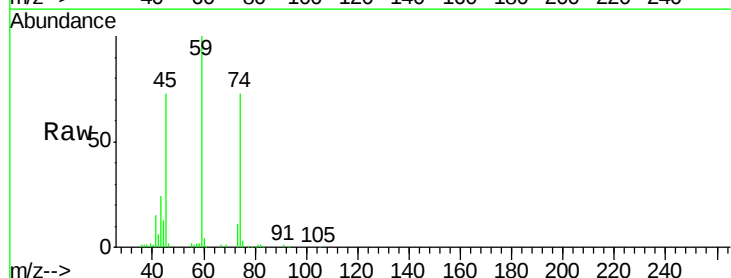
Acq: 21 Jun 2018 12:00

Tgt Ion: 74 Resp: 27337

Ion Ratio Lower Upper

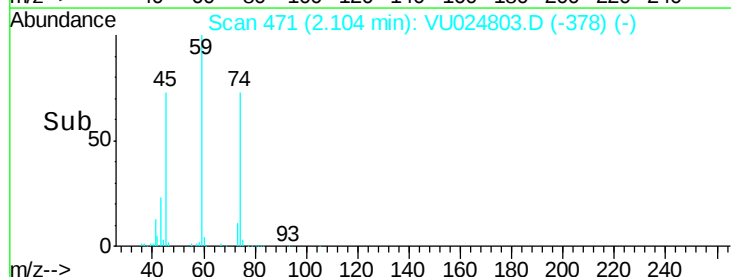
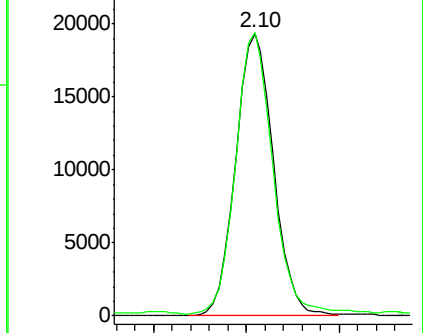
74 100

45 98.0 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: 19.33 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

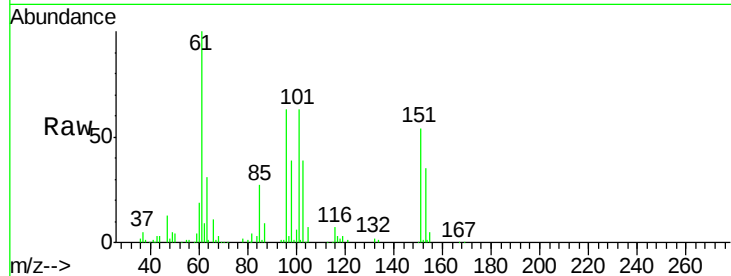
Tot Ion:101 Resp: 41744

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

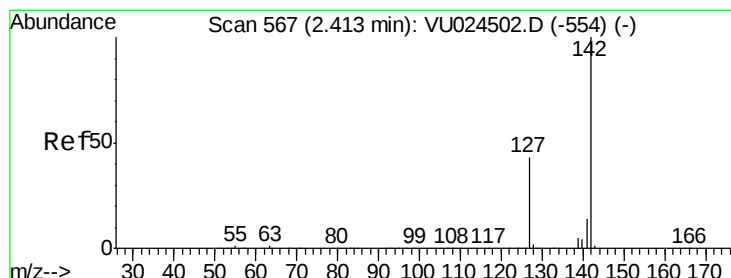
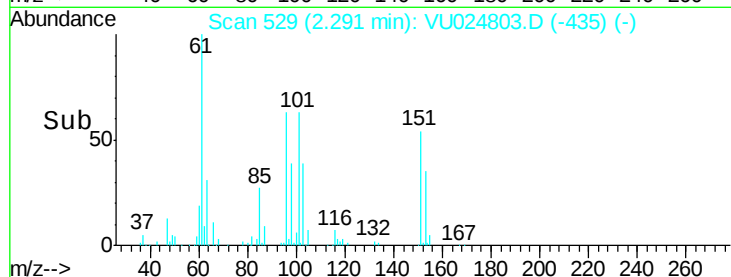
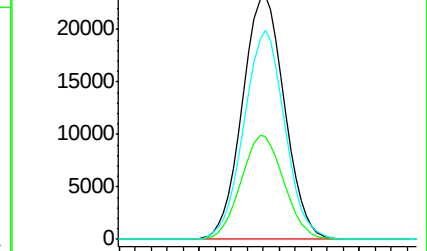
151 83.1 62.3 93.5



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: 23.20 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

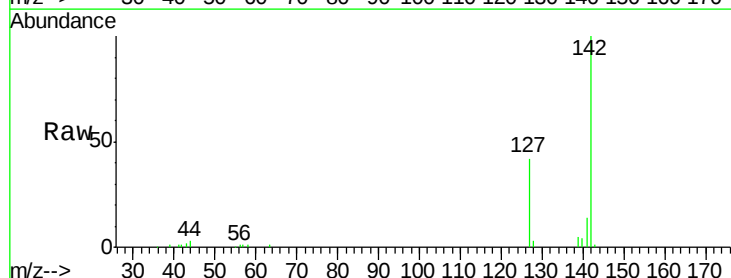
Tgt Ion:142 Resp: 36608

Ion Ratio Lower Upper

142 100

127 41.9 35.6 53.4

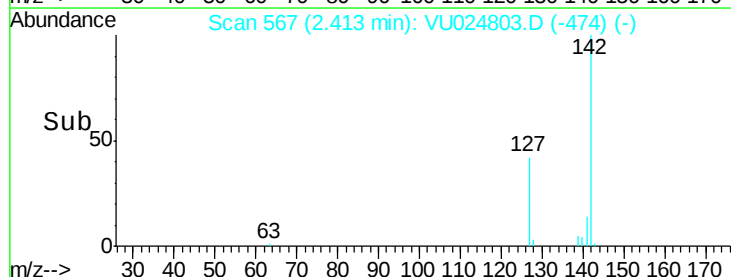
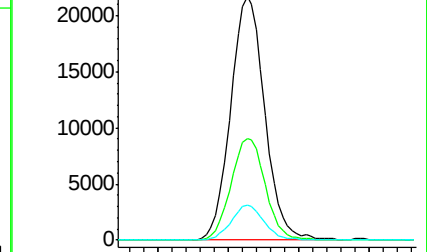
141 13.7 11.7 17.5



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



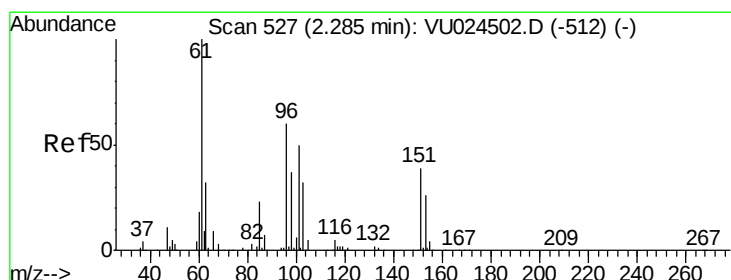
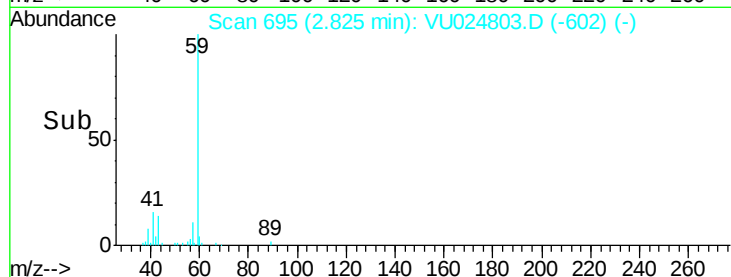
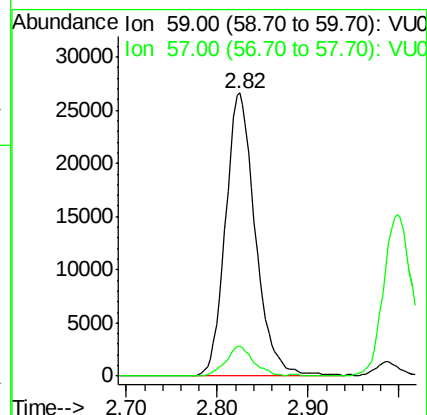
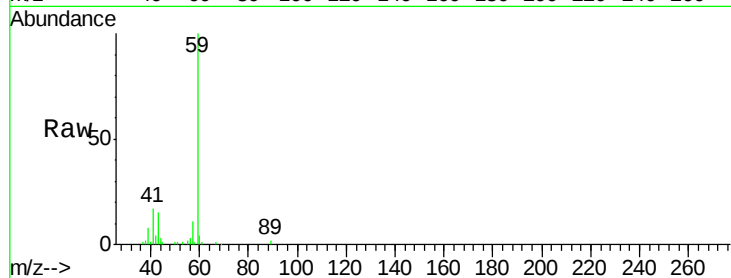


#11

Tert butyl alcohol
 Concen: 88.20 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

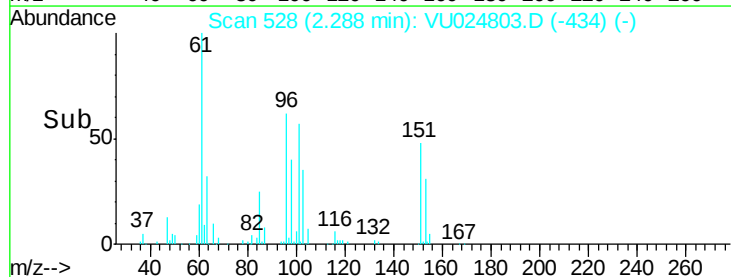
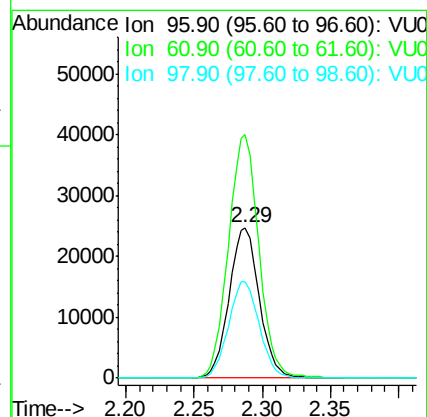
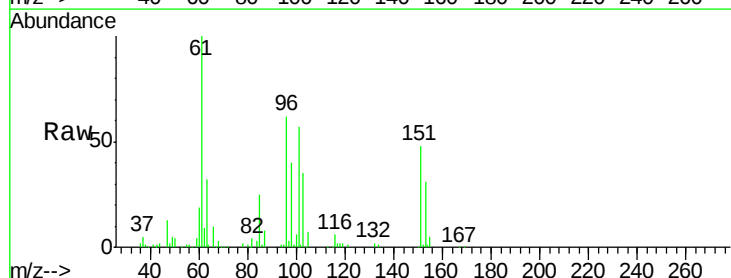
Tot Ion: 59 Resp: 60566
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

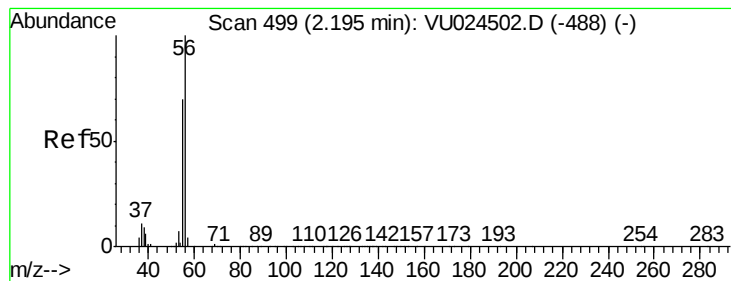


#12

1,1-Dichloroethene
 Concen: 19.41 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 96 Resp: 38215
 Ion Ratio Lower Upper
 96 100
 61 161.8 141.7 212.5
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 158.35 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

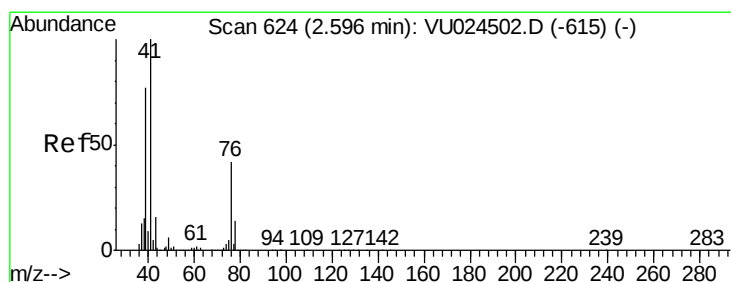
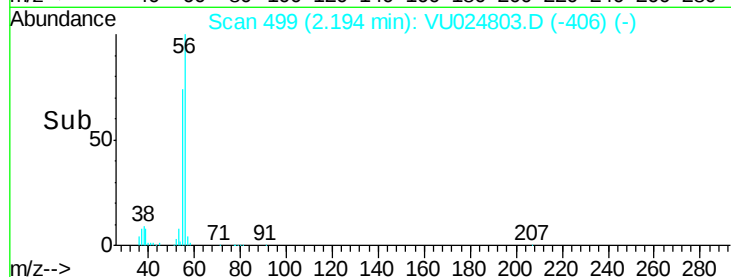
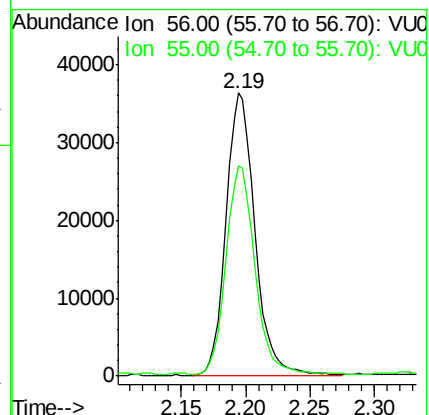
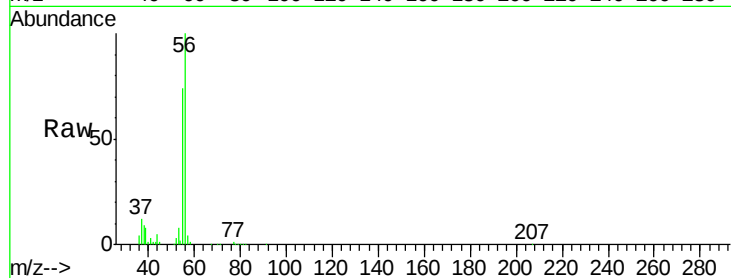
VU0621WBSD01

Tot Ion: 56 Resp: 57098

Ion Ratio Lower Upper

56 100

55 72.7 58.4 87.6



#14

Allyl chloride

Concen: 18.22 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

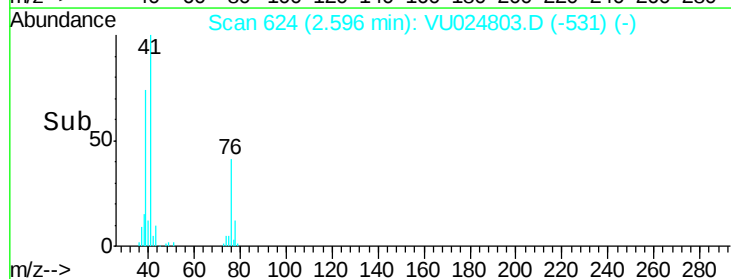
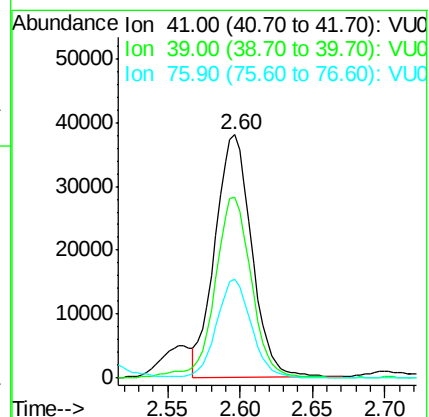
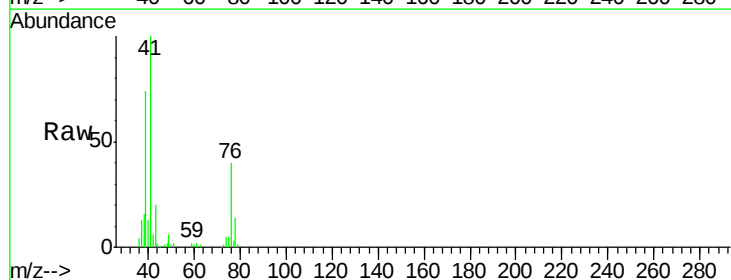
Tgt Ion: 41 Resp: 66617

Ion Ratio Lower Upper

41 100

39 72.8 61.6 92.4

76 38.8 29.7 44.5

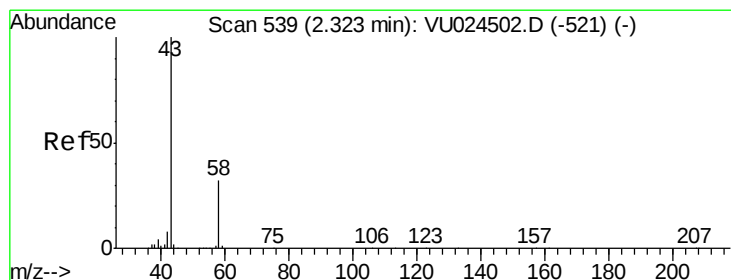
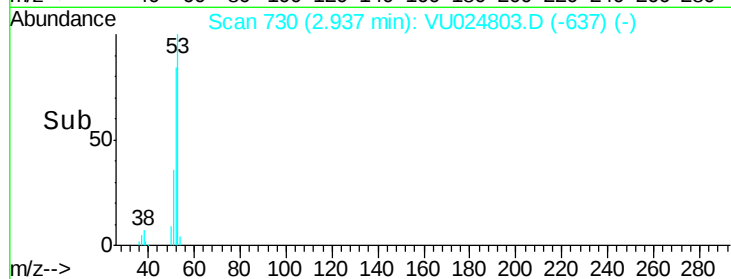
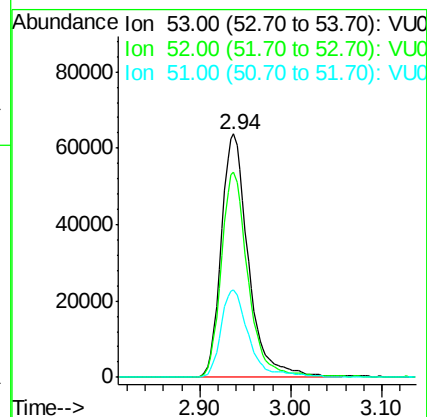
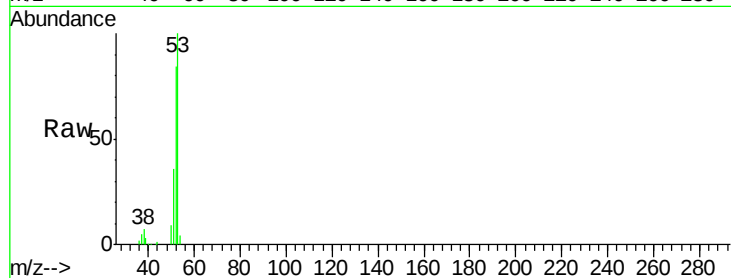




#15
 Acrylonitrile
 Concen: 99.18 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

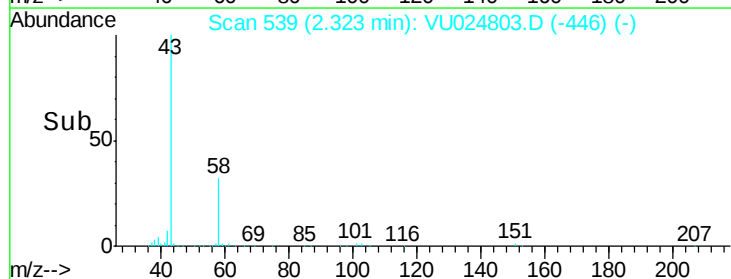
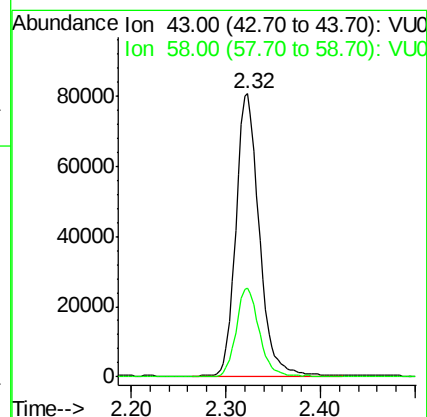
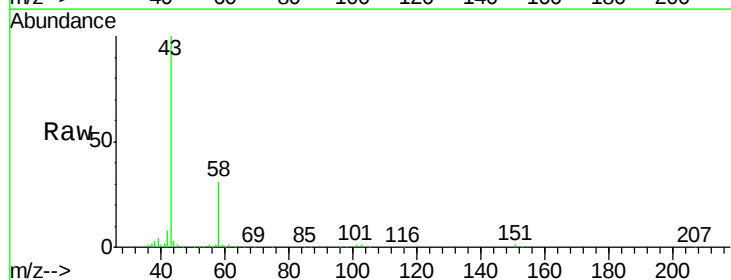
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

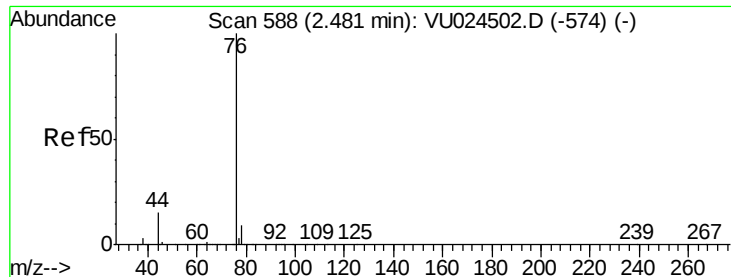
Tot Ion: 53 Resp: 132510
 Ion Ratio Lower Upper
 53 100
 52 82.8 67.1 100.7
 51 37.0 28.4 42.6



#16
 Acetone
 Concen: 91.23 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 43 Resp: 138391
 Ion Ratio Lower Upper
 43 100
 58 31.5 24.4 36.6

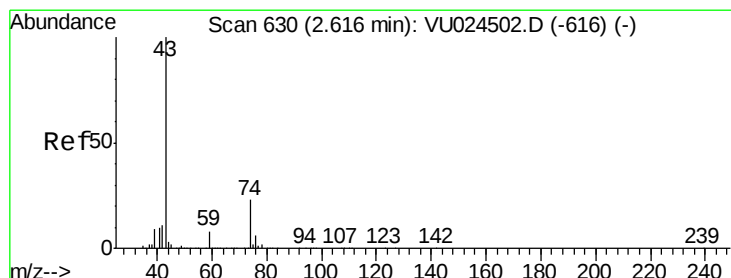
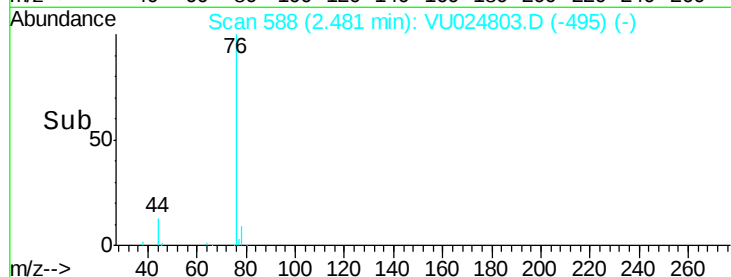
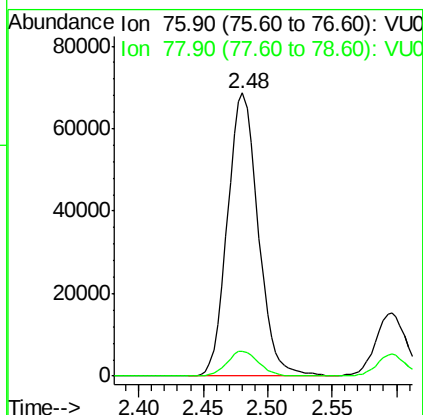
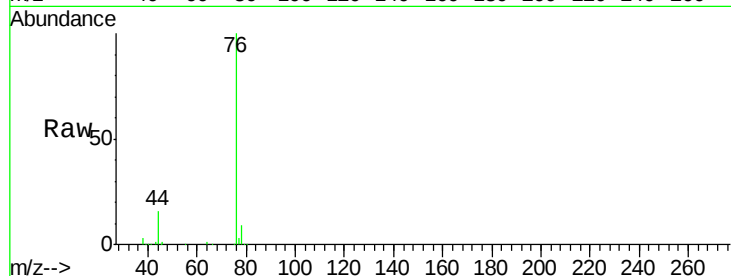




#17
Carbon Disulfide
Concen: 18.05 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

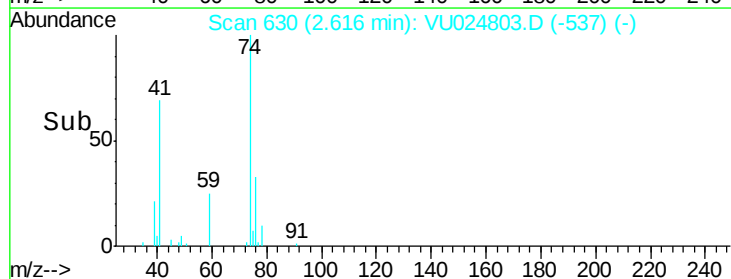
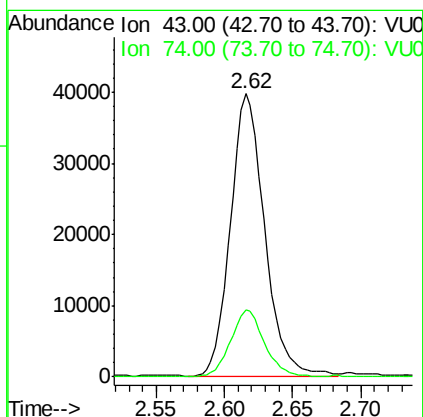
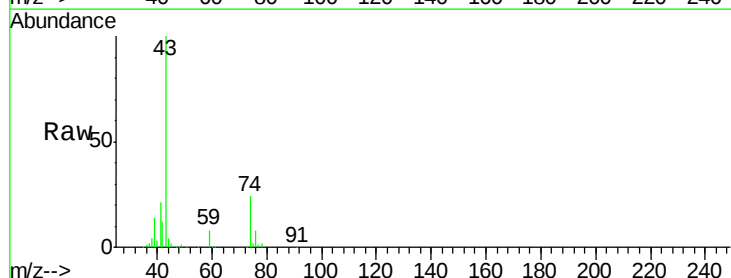
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 76 Resp: 113790
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 21.17 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 43 Resp: 68837
Ion Ratio Lower Upper
43 100
74 23.6 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 20.16 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

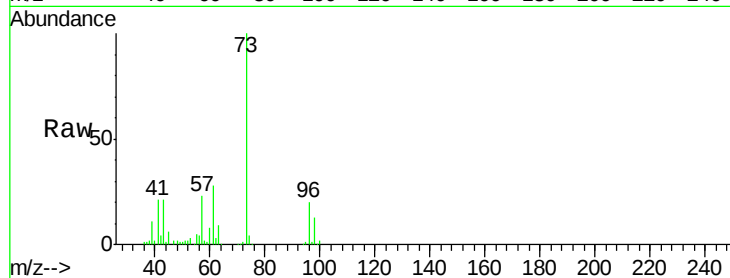
VU0621WBSD01

Tot Ion: 73 Resp: 149224

Ion Ratio Lower Upper

73 100

57 22.6 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-723) (-)

3.00

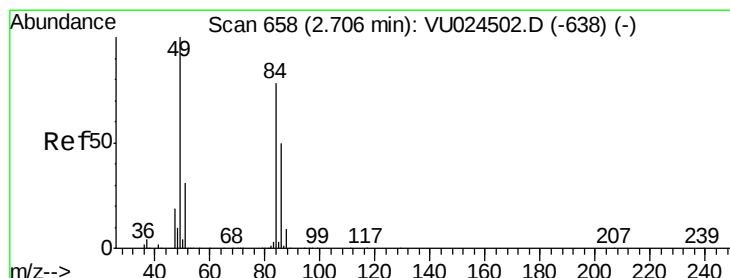
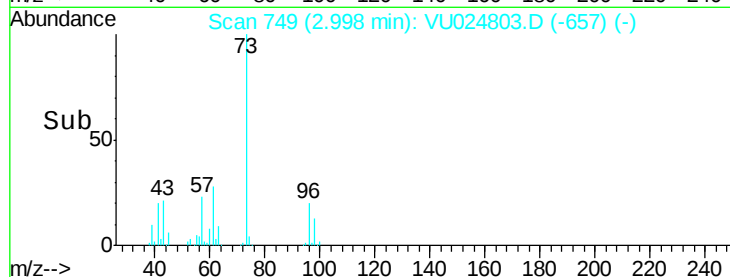
60000

40000

20000

0

Time--> 2.90 2.95 3.00 3.05 3.10



#20

Methylene Chloride

Concen: 19.63 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion: 84 Resp: 46717

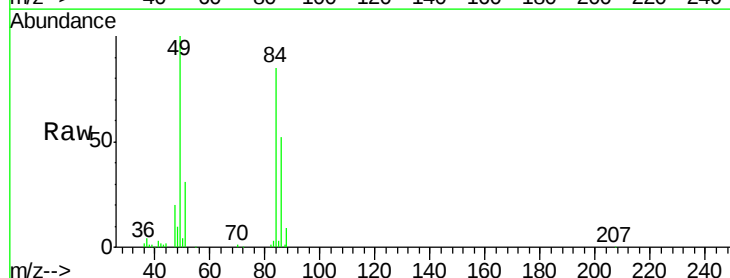
Ion Ratio Lower Upper

84 100

49 117.5 103.8 155.8

51 35.9 32.0 48.0

86 60.8 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)

Ion 48.90 (48.60 to 49.60): VU024502.D (-638) (-)

Ion 50.90 (50.60 to 51.60): VU024502.D (-638) (-)

Ion 85.90 (85.60 to 86.60): VU024502.D (-638) (-)

40000

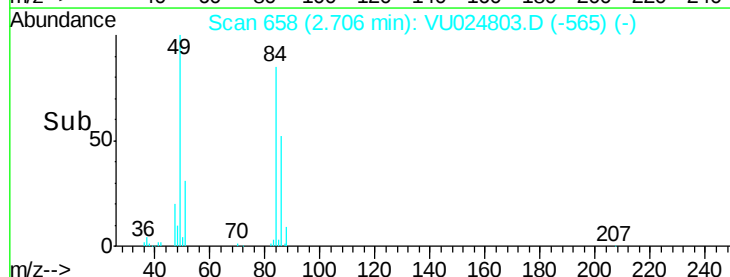
30000

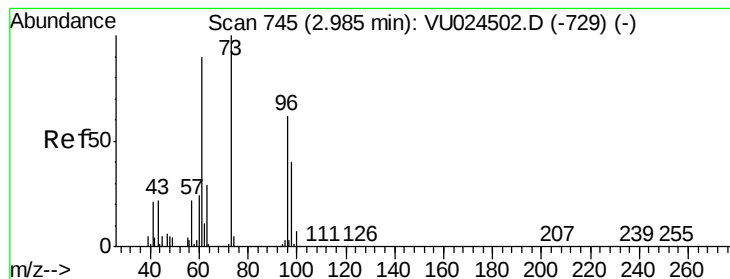
20000

10000

0

Time--> 2.65 2.70 2.75 2.80





#21

trans-1,2-Dichloroethene

Concen: 19.13 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

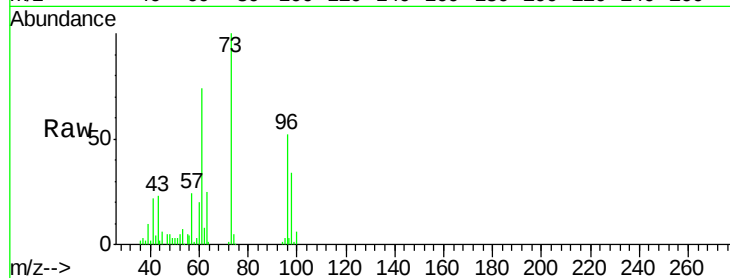
Tot Ion: 96 Resp: 41493

Ion Ratio Lower Upper

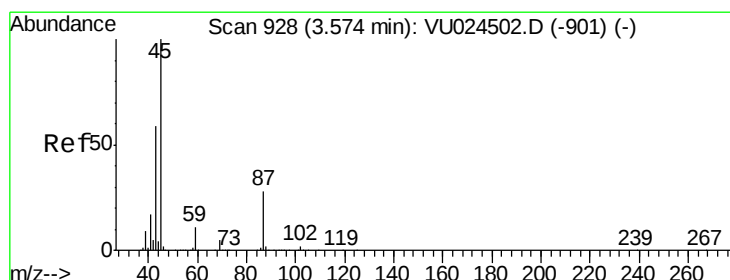
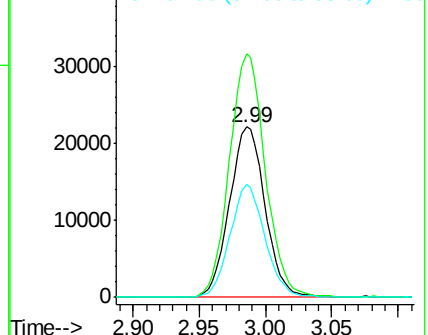
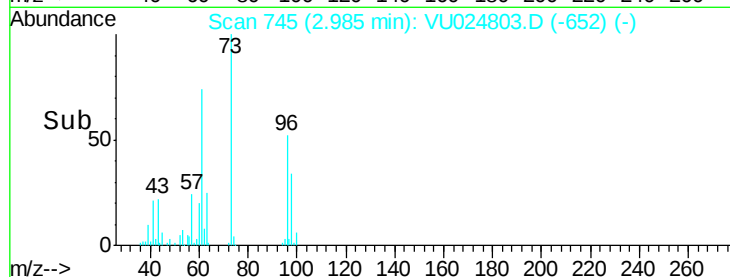
96 100

61 142.7 119.4 179.0

98 66.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024803.D (-652) (-)



#22

Diisopropyl ether

Concen: 20.47 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion: 45 Resp: 148371

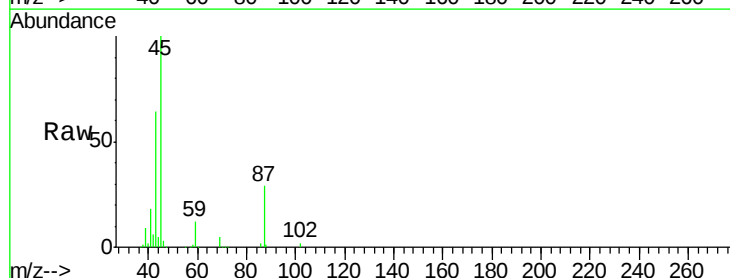
Ion Ratio Lower Upper

45 100

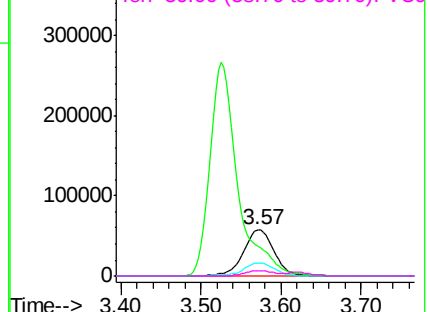
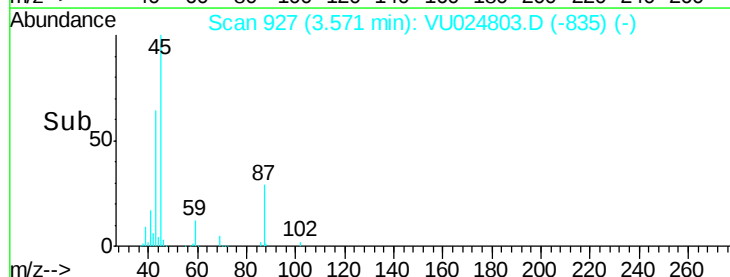
43 62.7 45.8 68.6

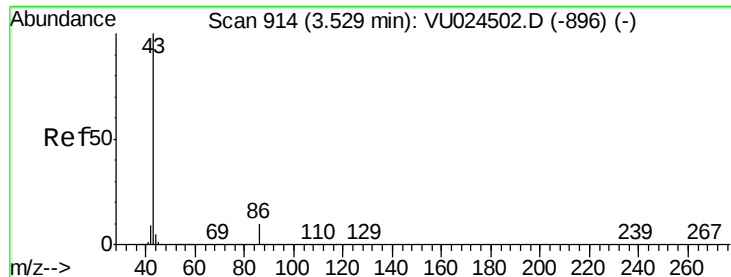
87 28.6 20.6 31.0

59 11.7 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU024803.D (-835) (-)





#23

Vinyl Acetate

Concen: 99.60 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

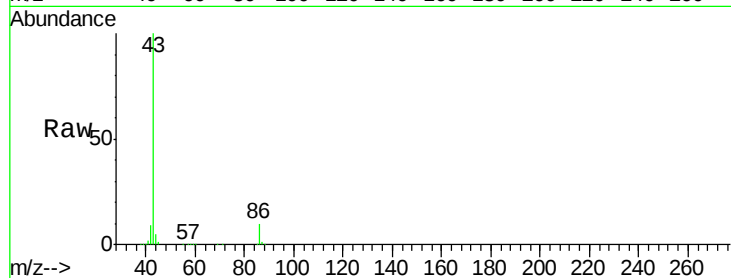
VU0621WBSD01

Tot Ion: 43 Resp: 646695

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

250000

200000

150000

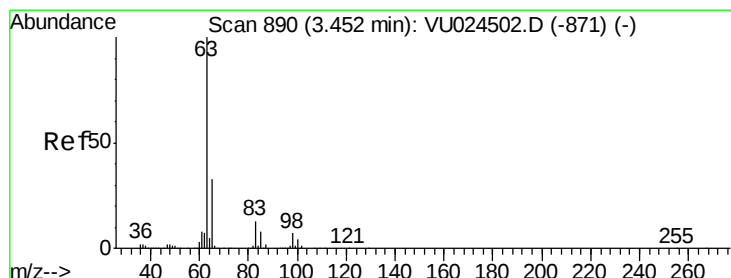
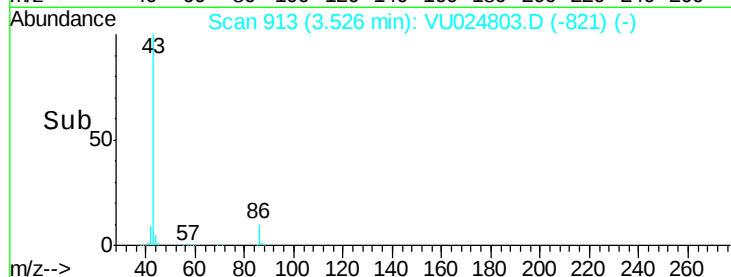
100000

50000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 19.85 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

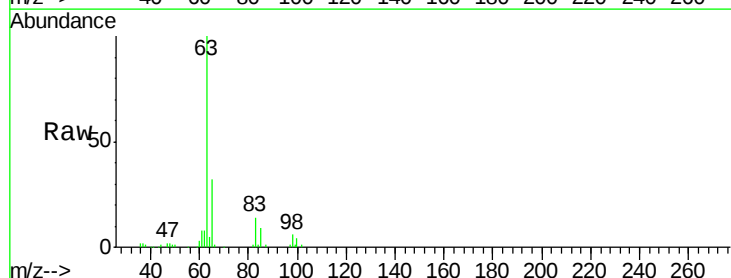
Tgt Ion: 63 Resp: 82780

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

50000

40000

30000

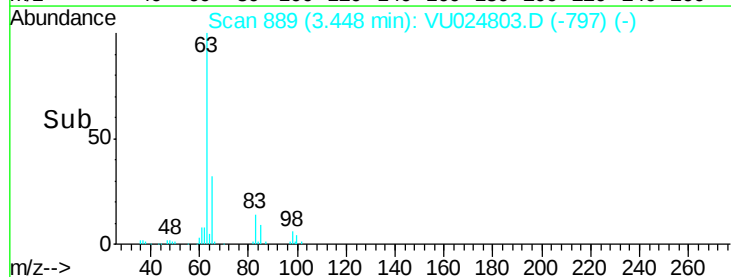
20000

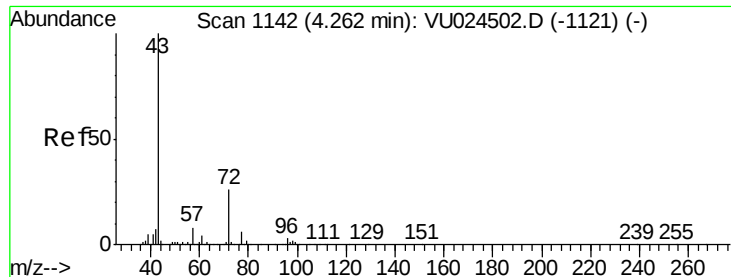
10000

0

Time-->

3.40 3.50

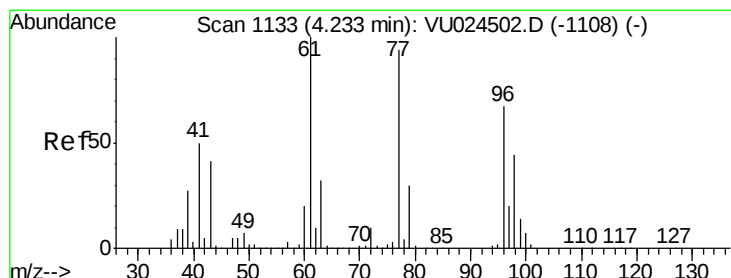
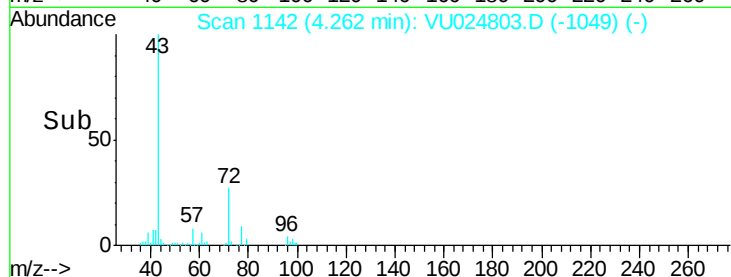
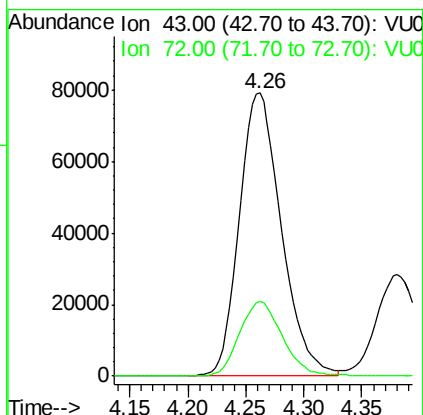
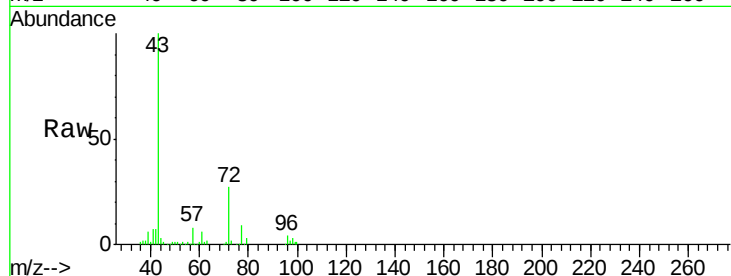




#25
2-Butanone
Concen: 97.21 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

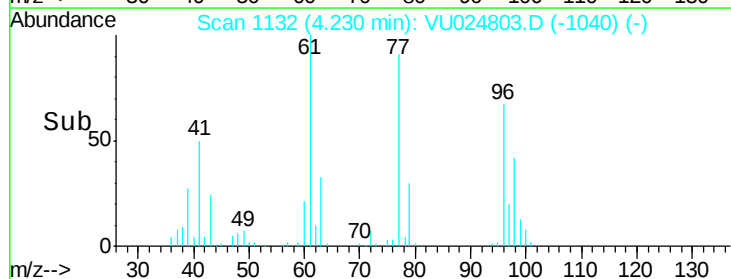
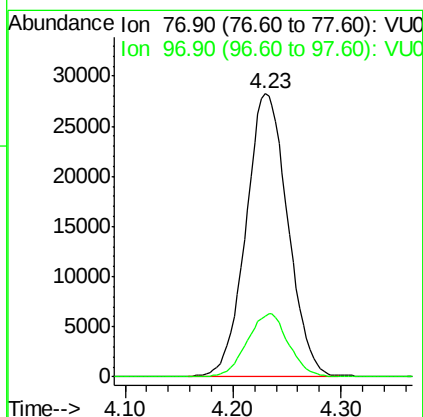
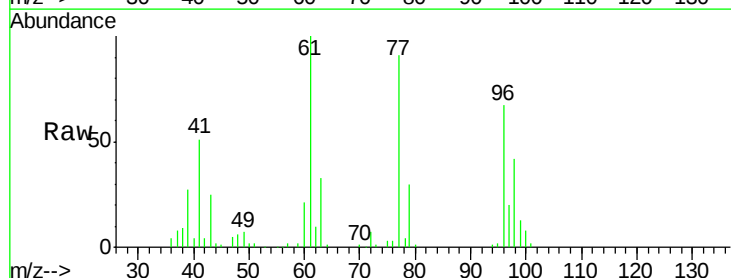
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 43 Resp: 198083
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 19.25 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 77 Resp: 76208
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.18 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

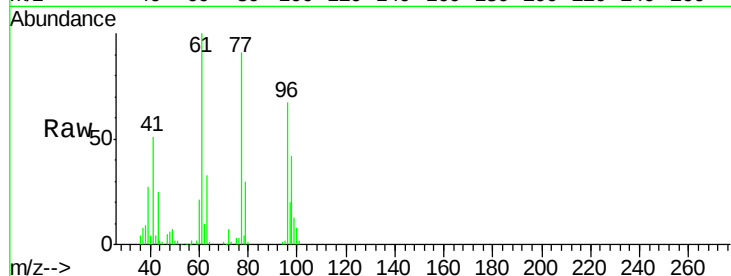
Tot Ion: 96 Resp: 50318

Ion Ratio Lower Upper

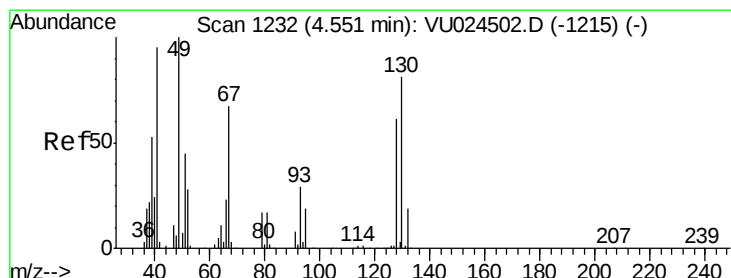
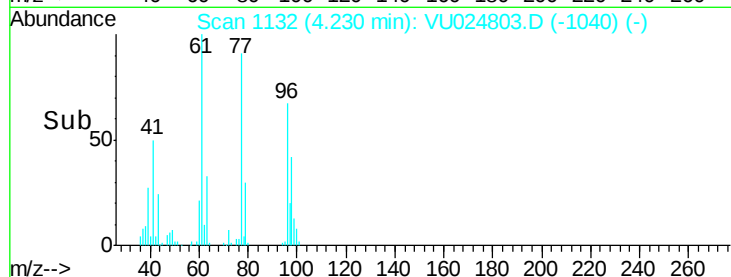
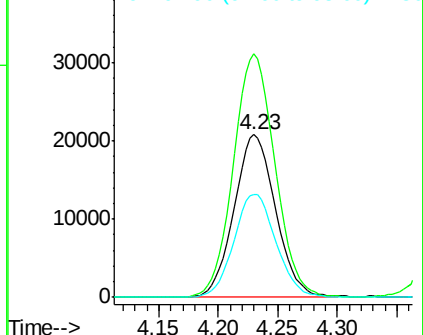
96 100

61 150.0 0.0 306.6

98 64.1 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: 17.56 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

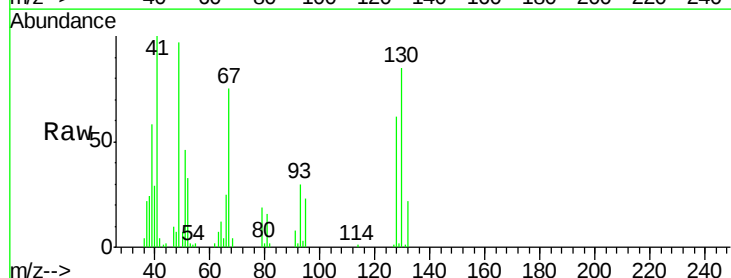
Tgt Ion: 49 Resp: 32256

Ion Ratio Lower Upper

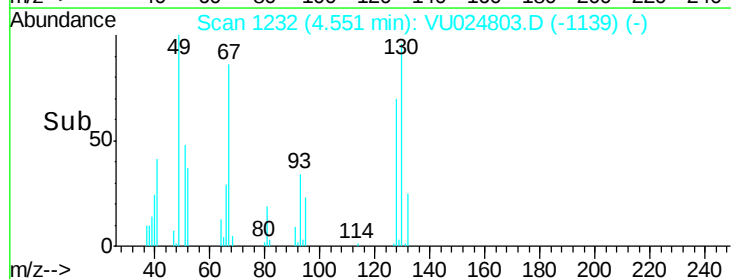
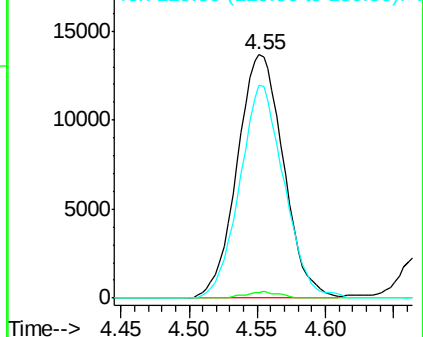
49 100

129 2.0 0.0 3.8

130 83.6 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: 94.86 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

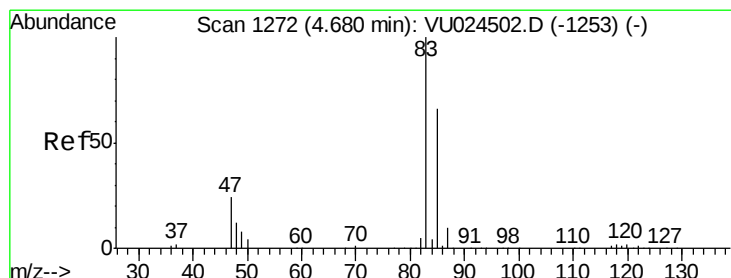
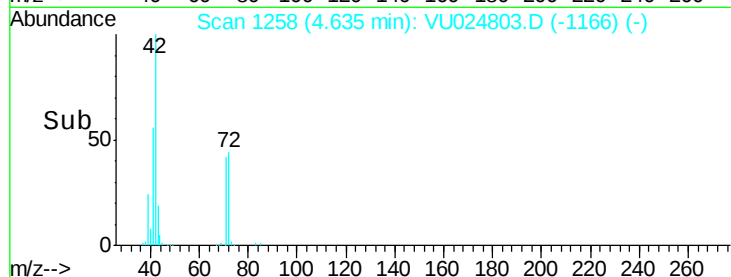
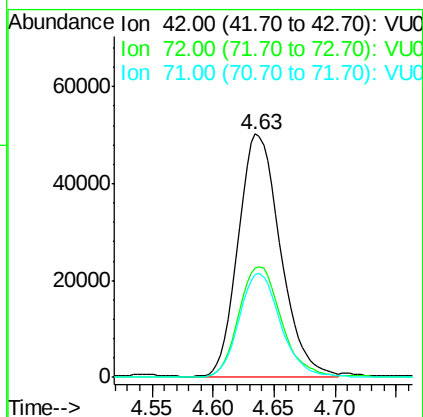
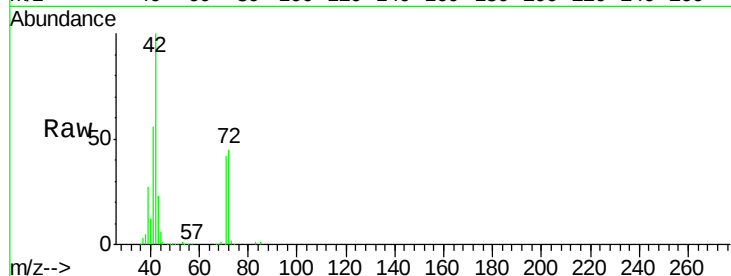
Tot Ion: 42 Resp: 119695

Ion Ratio Lower Upper

42 100

72 46.5 34.5 51.7

71 42.5 32.2 48.4



#30

Chloroform

Concen: 20.84 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024803.D

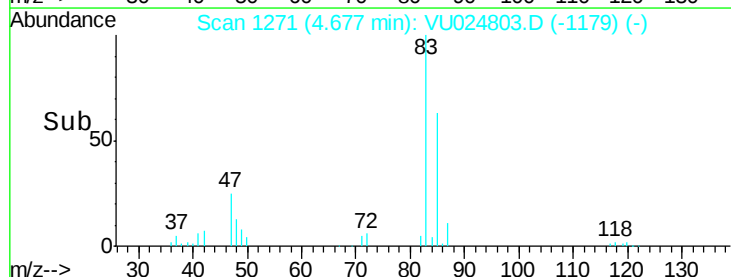
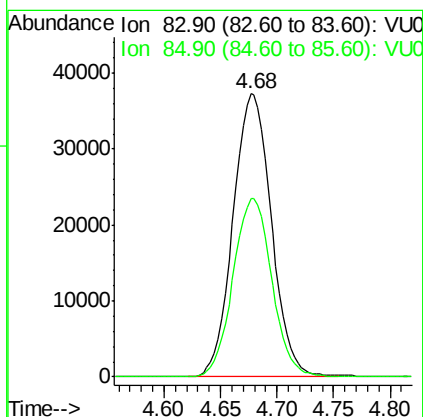
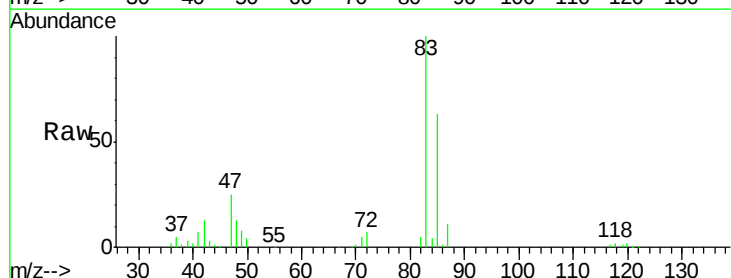
Acq: 21 Jun 2018 12:00

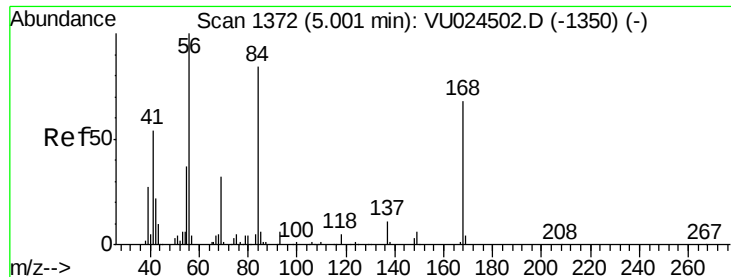
Tgt Ion: 83 Resp: 87960

Ion Ratio Lower Upper

83 100

85 62.8 52.4 78.6

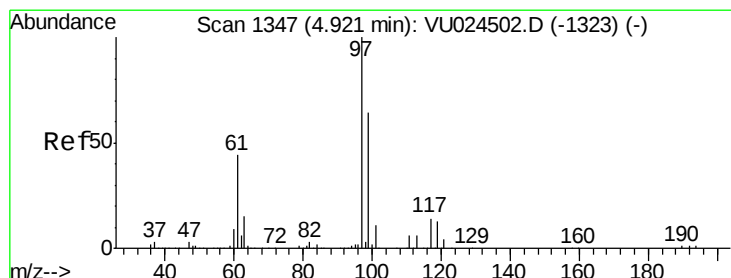
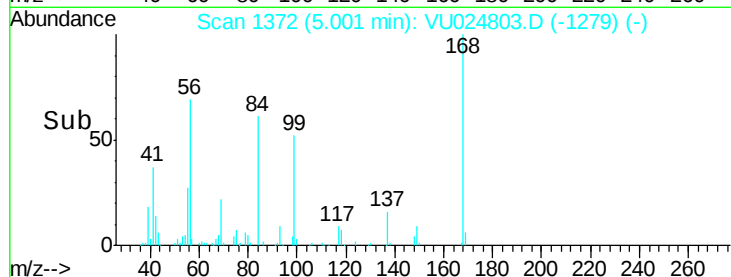
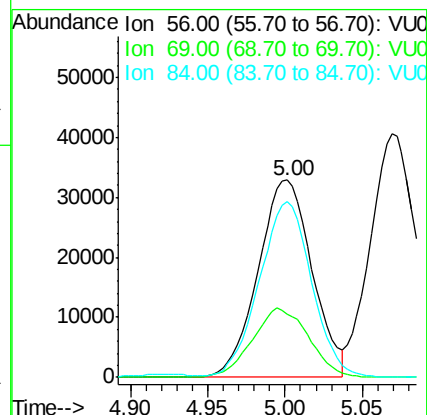
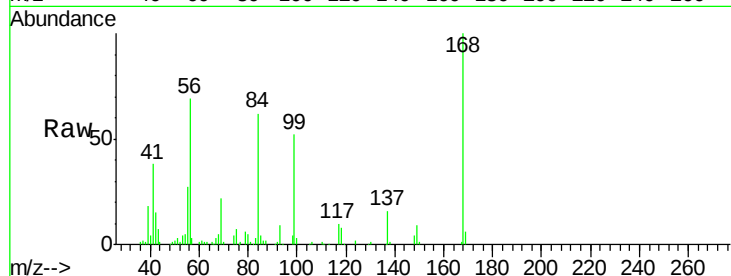




#31
Cyclohexane
Concen: 20.41 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

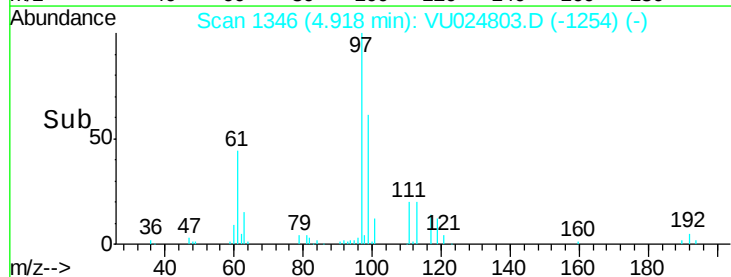
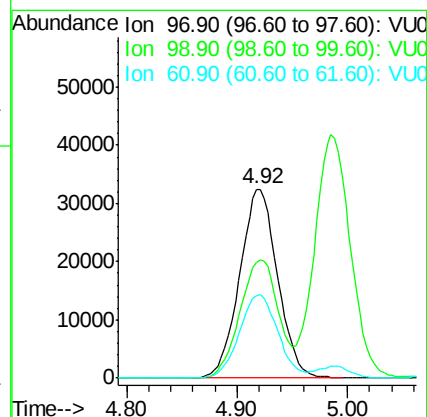
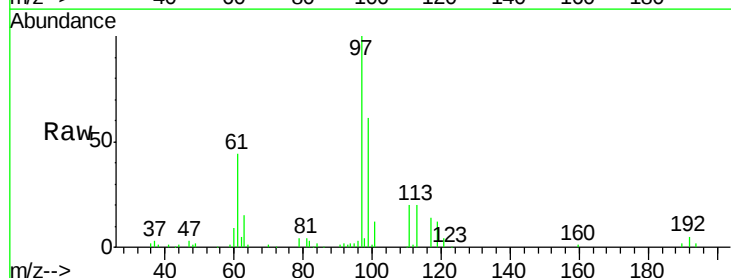
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

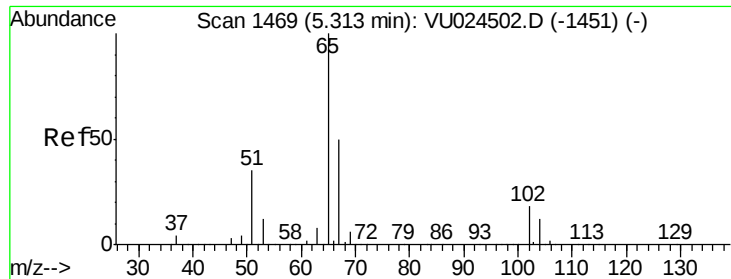
Tot Ion: 56 Resp: 79893
Ion Ratio Lower Upper
56 100
69 32.3 24.8 37.2
84 88.3 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 19.77 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 97 Resp: 77155
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 44.8 39.4 59.0

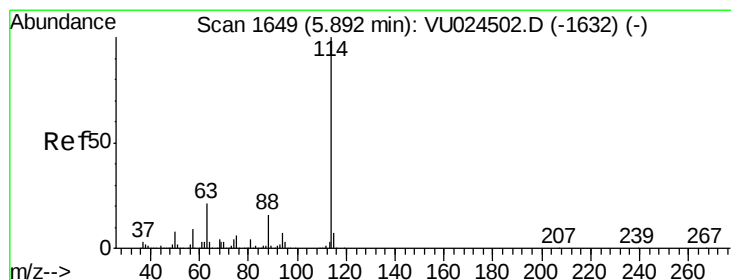
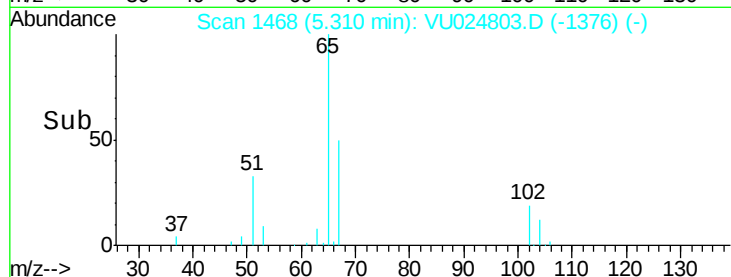
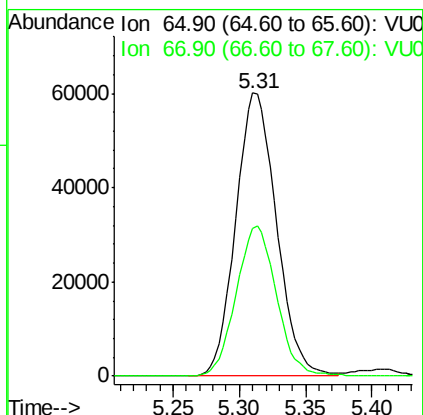
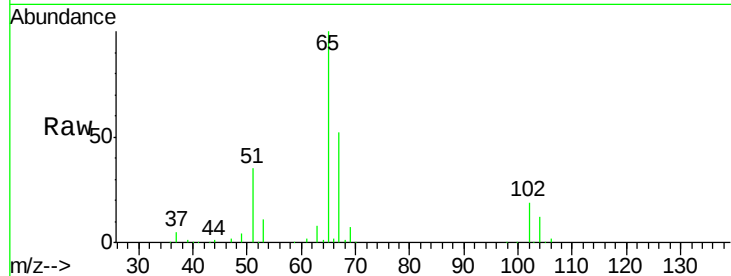




#33
 1,2-Dichloroethane-d4
 Concen: 45.52 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

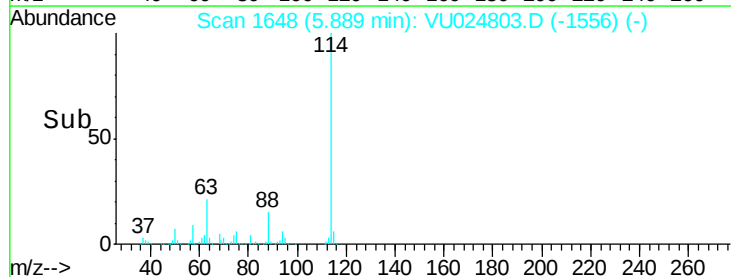
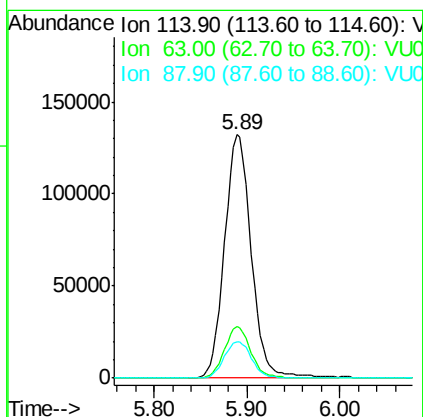
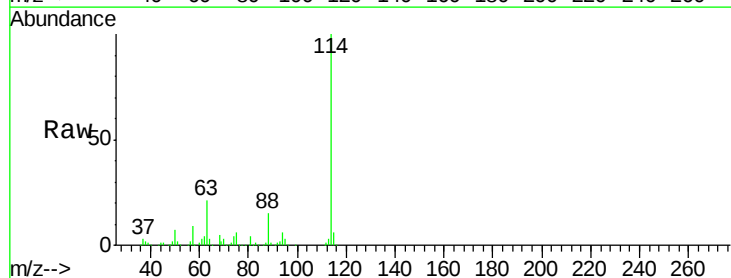
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

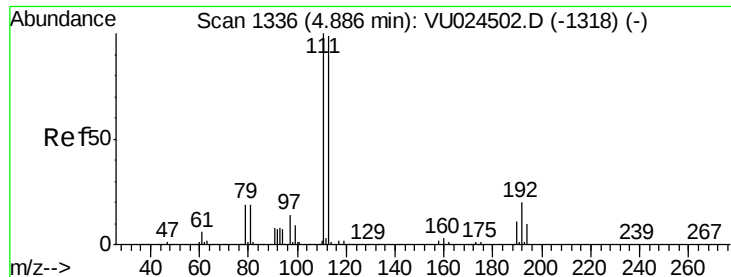
Tot Ion: 65 Resp: 128531
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 114 Resp: 263981
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.72 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

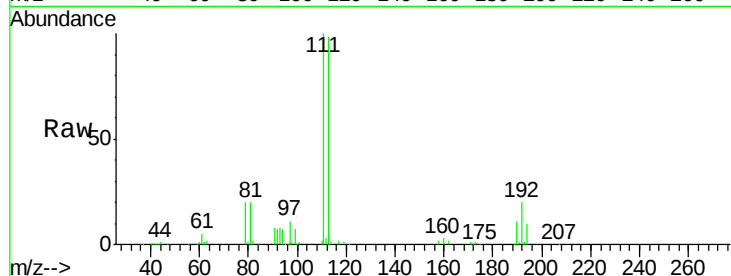
Tot Ion:113 Resp: 102361

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

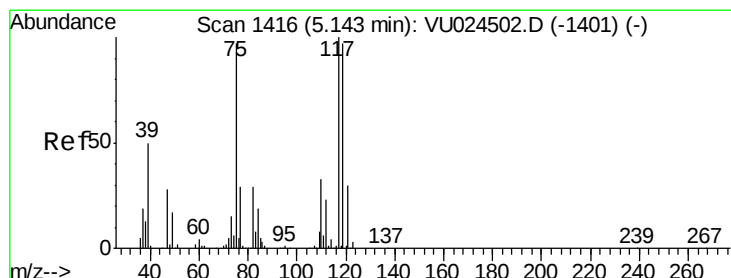
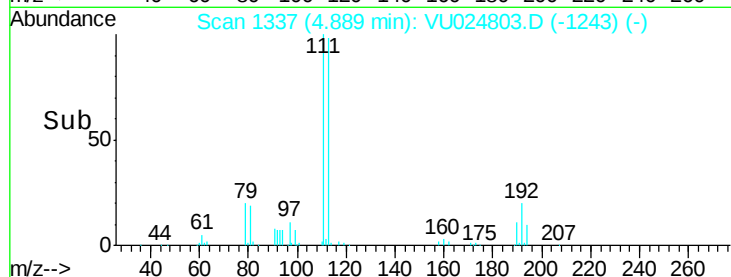
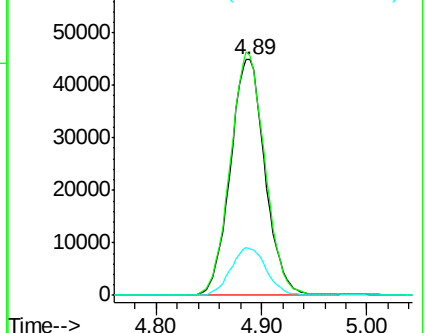
192 20.6 16.2 24.4



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: 19.45 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

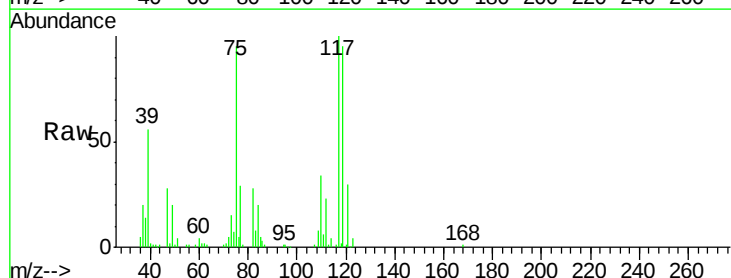
Tgt Ion: 75 Resp: 60325

Ion Ratio Lower Upper

75 100

110 37.1 17.0 50.9

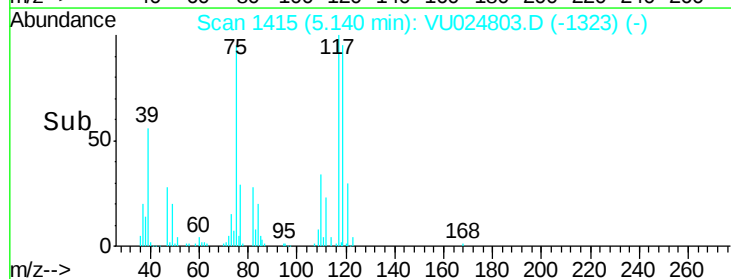
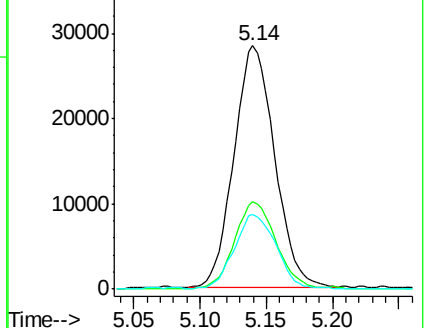
77 32.0 24.2 36.4

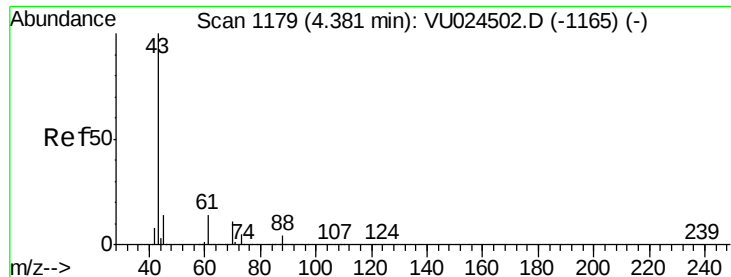


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

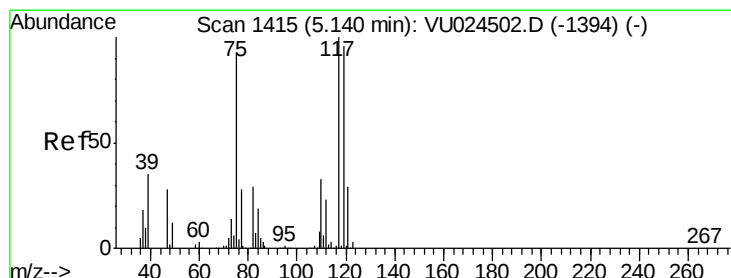
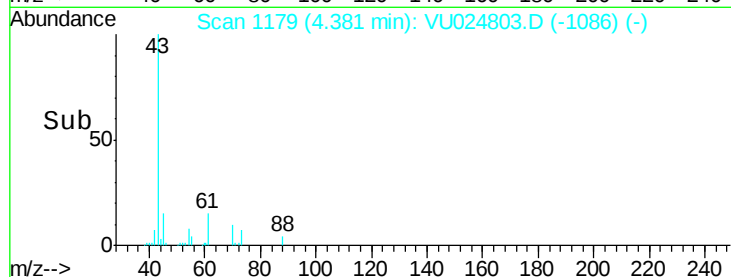
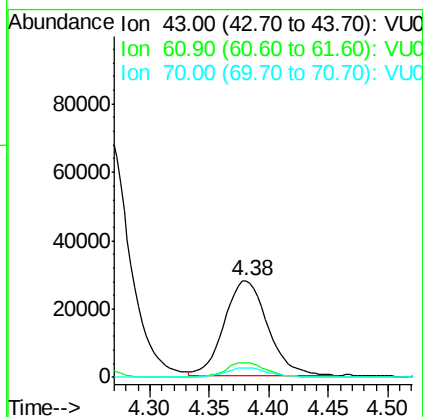
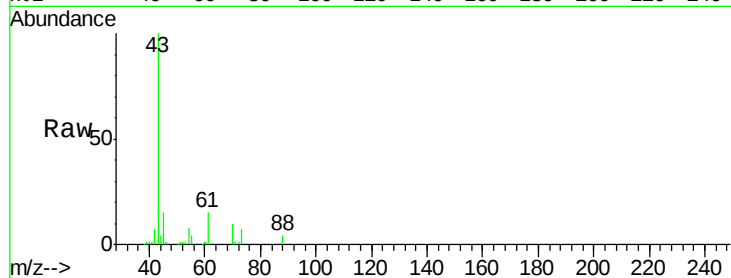




#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

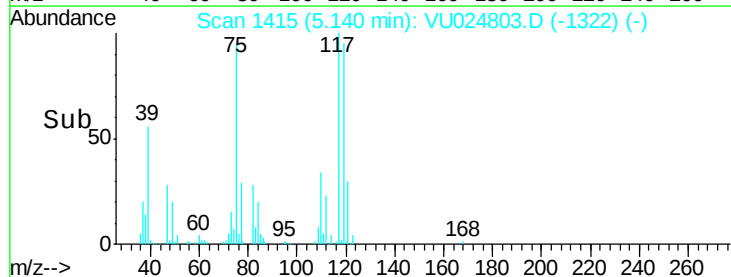
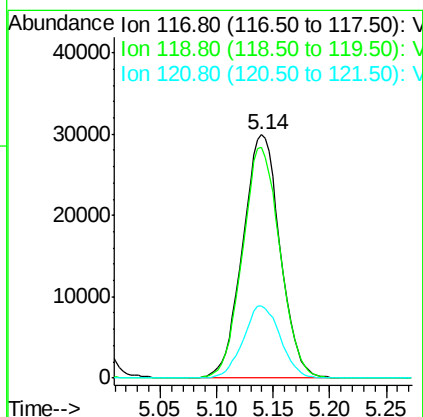
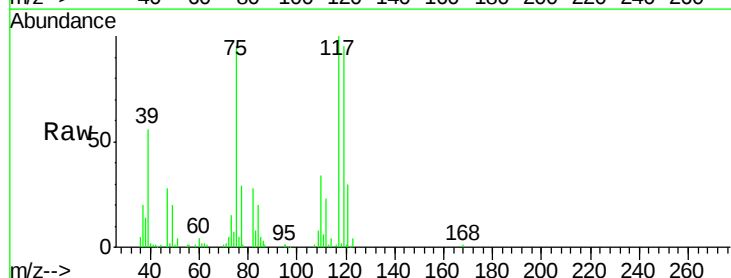
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 43 Resp: 70780
Ion Ratio Lower Upper
43 100
61 15.0 10.5 15.7
70 10.1 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.19 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 117 Resp: 68883
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 29.7 23.7 35.5

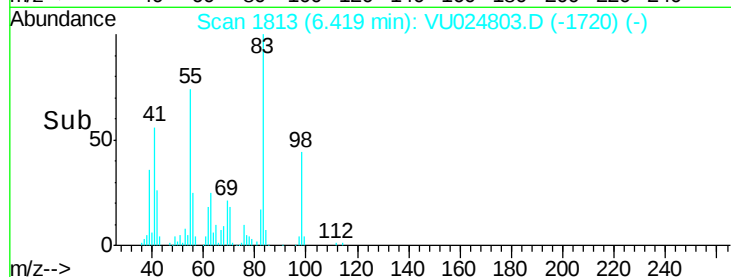
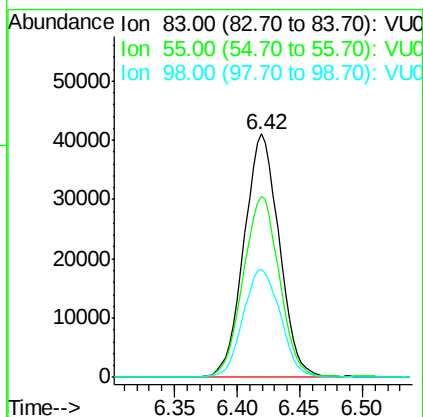
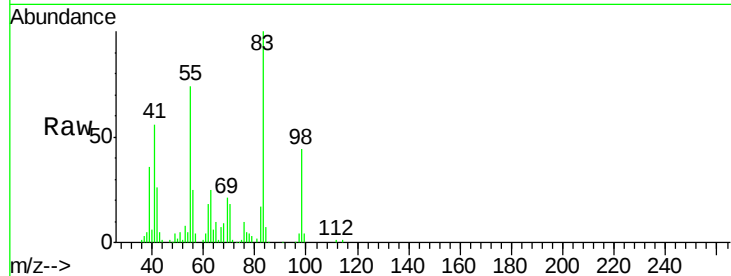




#39
Methvlcvclohexane
Concen: 20.80 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

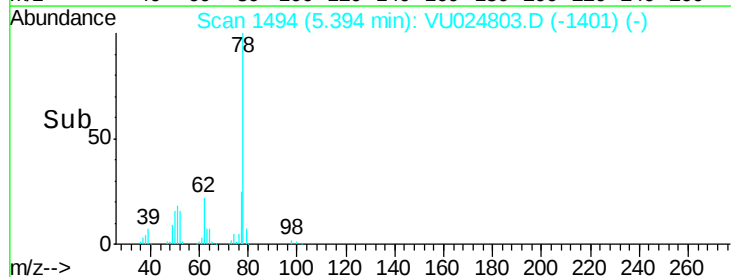
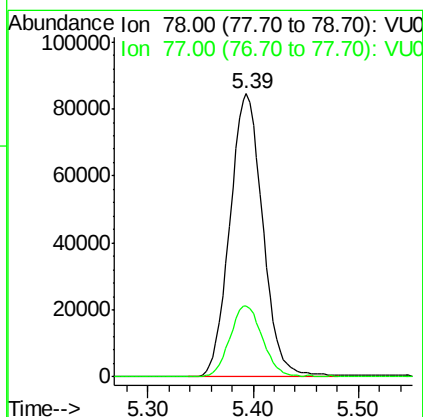
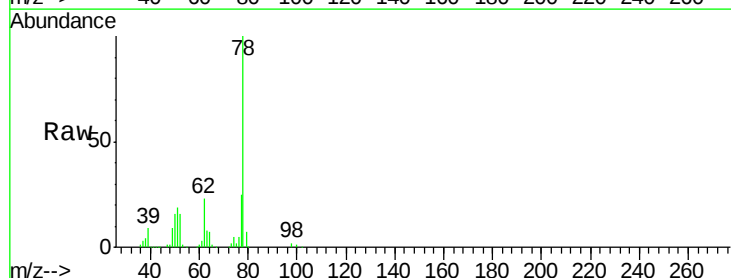
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

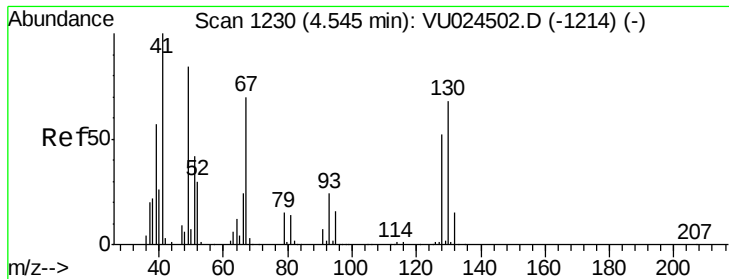
Tot Ion: 83 Resp: 80533
Ion Ratio Lower Upper
83 100
55 74.5 65.8 98.6
98 44.2 36.7 55.1



#40
Benzene
Concen: 20.74 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 78 Resp: 183300
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8

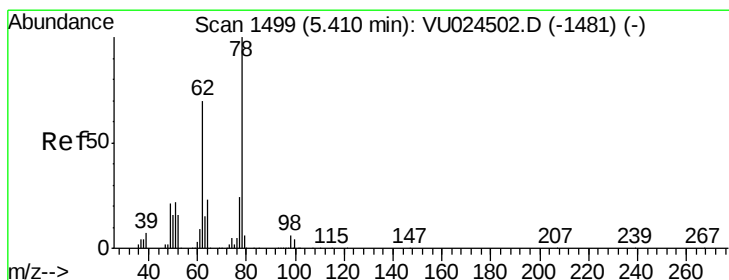
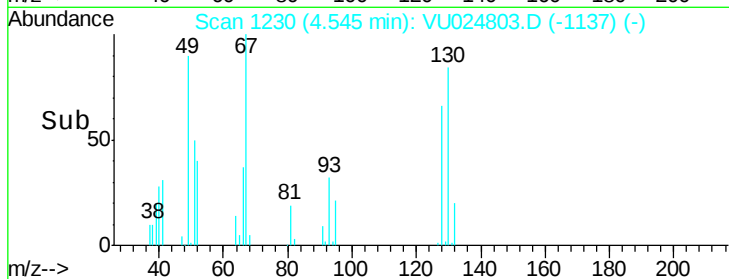
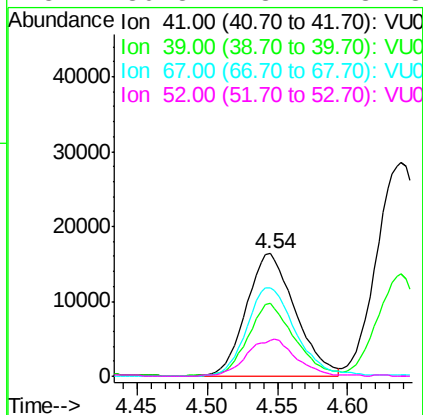
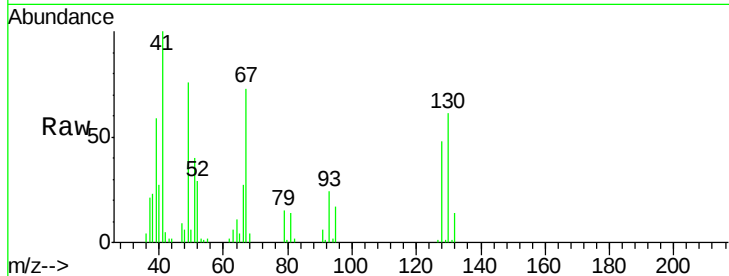




#41
Methacrylonitrile
Concen: 21.85 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

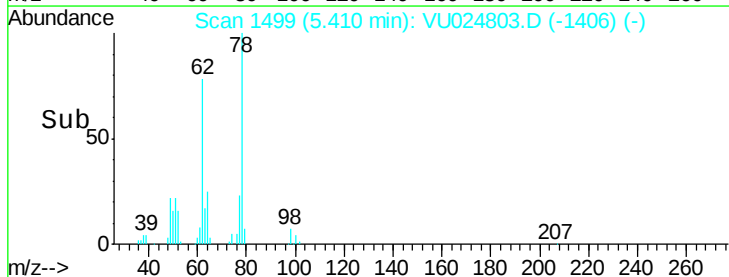
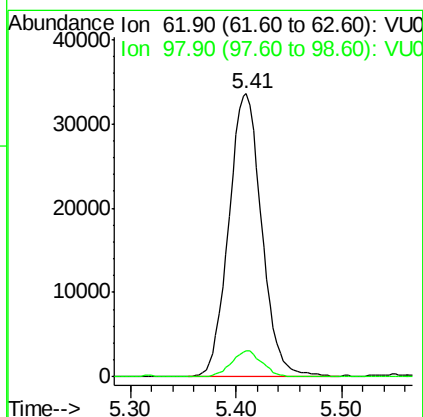
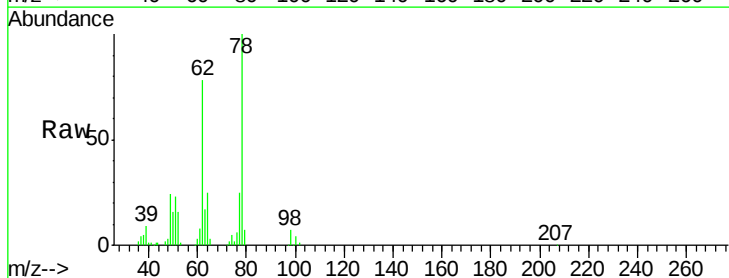
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion:	41	Resp:	39832
Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.8	65.6
67	72.1	56.3	84.5
52	30.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.61 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion:	62	Resp:	72743
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

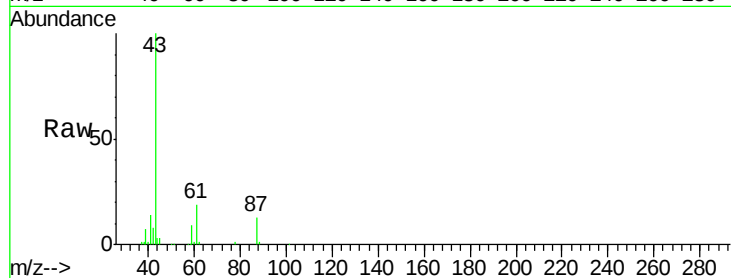




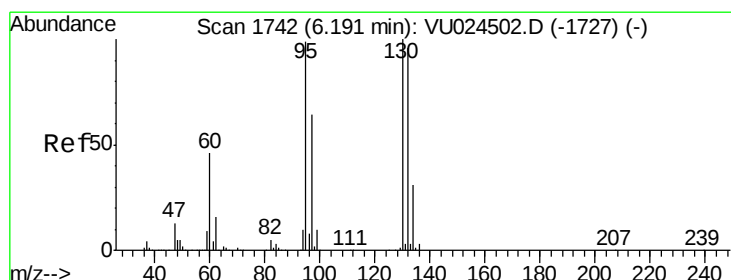
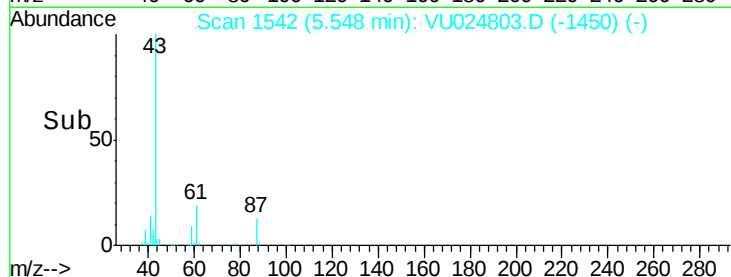
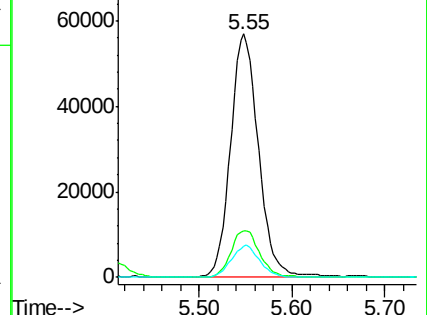
#43
Isopropyl Acetate
Concen: 20.23 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 43 Resp: 118208
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 13.2 10.0 15.0

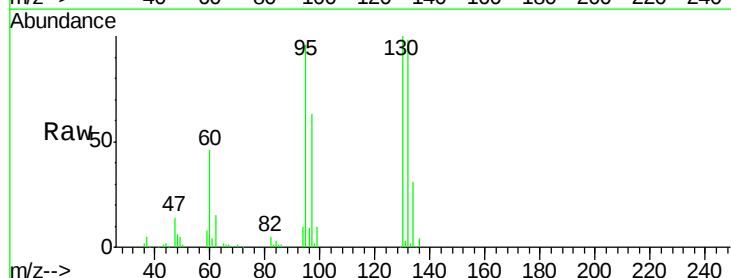


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

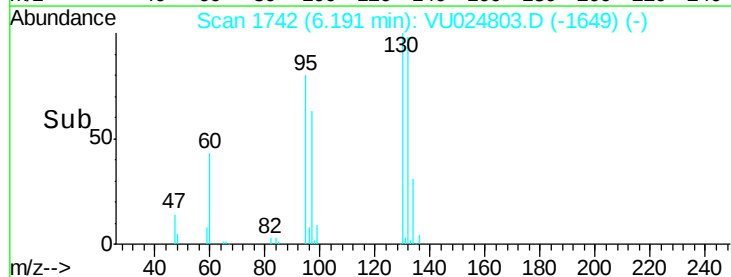
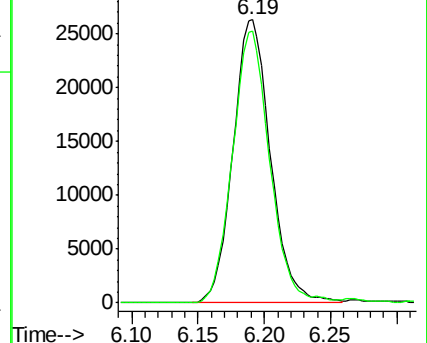


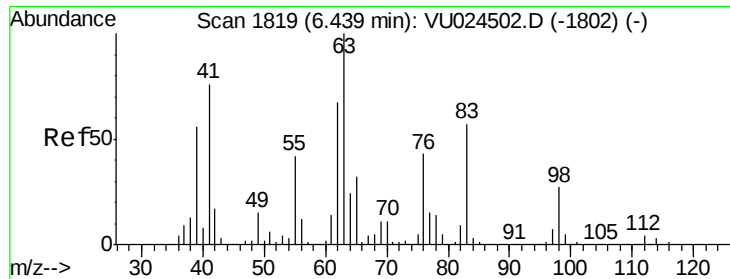
#44
Trichloroethene
Concen: 20.53 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion:130 Resp: 51653
Ion Ratio Lower Upper
130 100
95 95.9 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 21.13 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

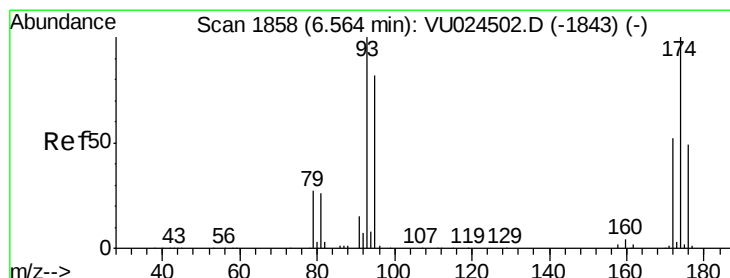
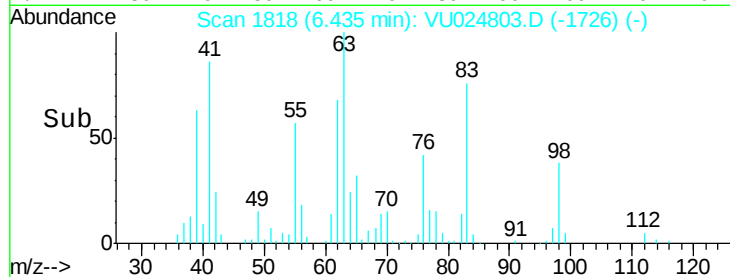
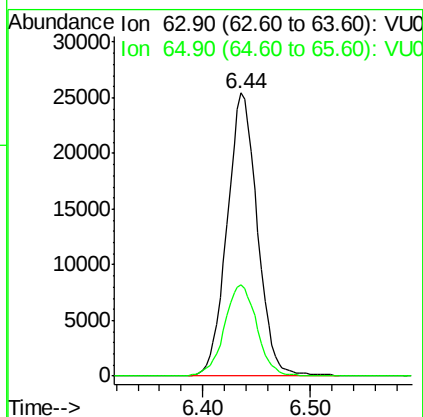
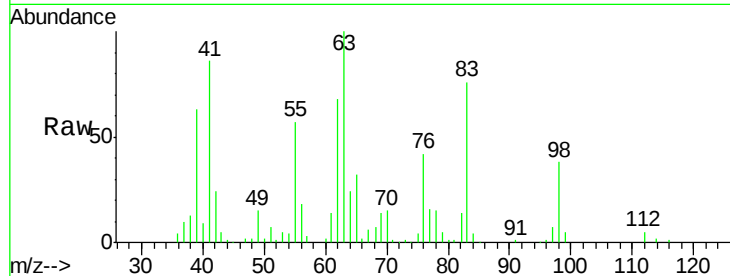
VU0621WBSD01

Tot Ion: 63 Resp: 49832

Ion Ratio Lower Upper

63 100

65 32.2 24.8 37.2



#46

Dibromomethane

Concen: 21.80 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

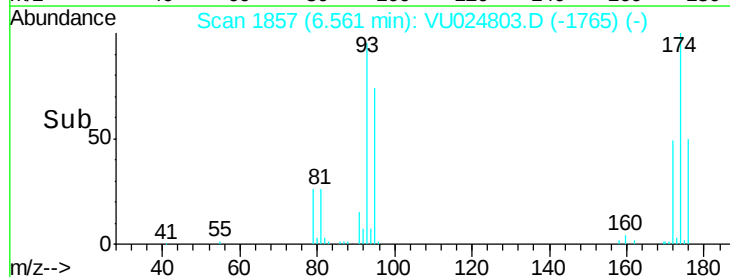
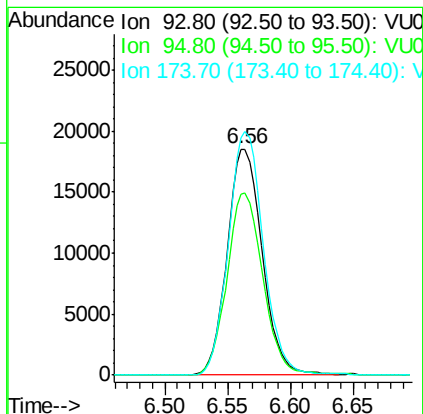
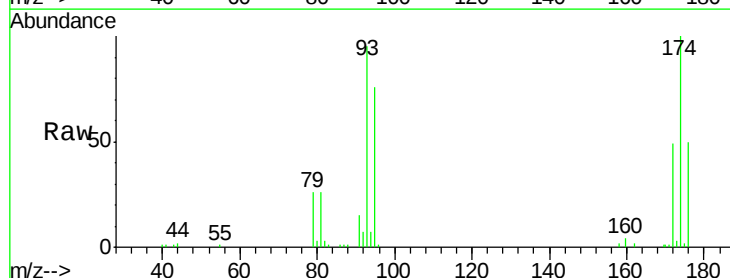
Tgt Ion: 93 Resp: 36121

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 20.48 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

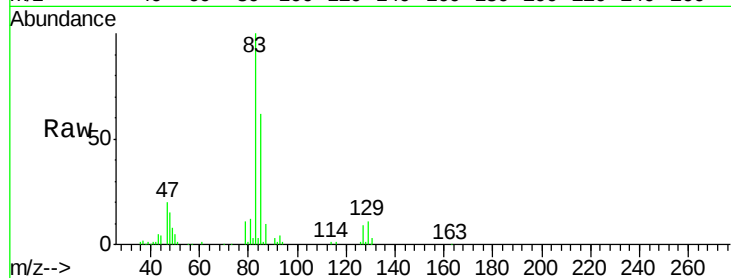
Tot Ion: 83 Resp: 67562

Ion Ratio Lower Upper

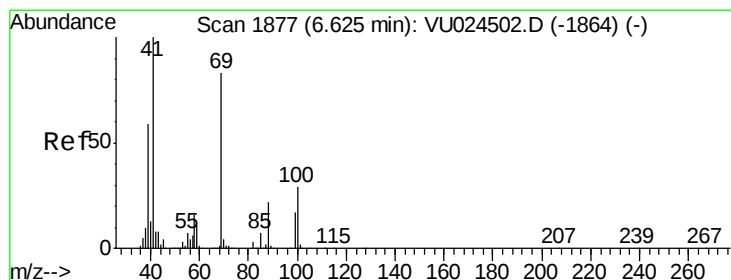
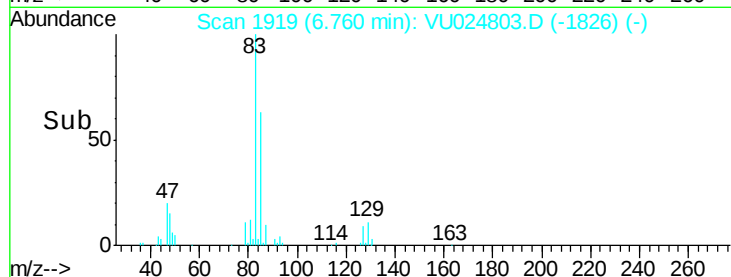
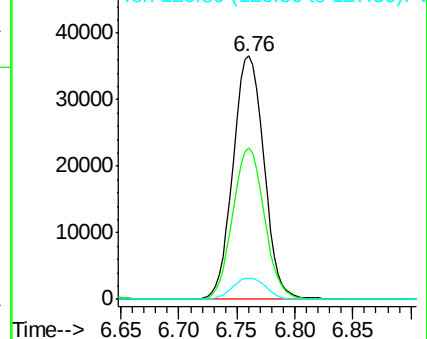
83 100

85 62.0 51.9 77.9

127 8.7 6.6 9.8



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



#48

Methyl methacrylate

Concen: 21.44 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

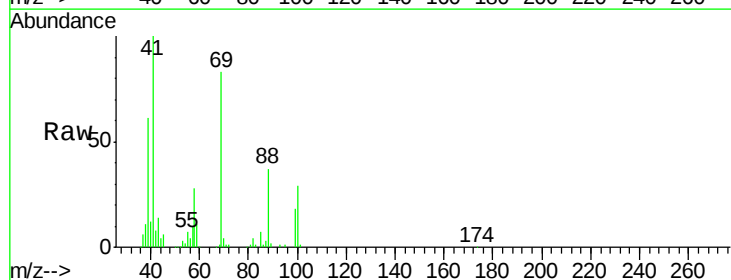
Tgt Ion: 41 Resp: 61011

Ion Ratio Lower Upper

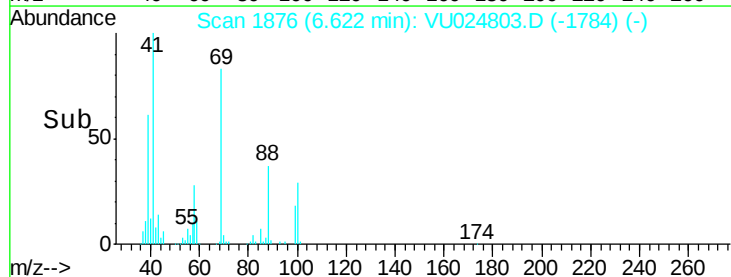
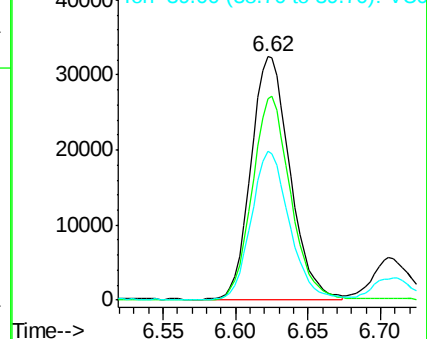
41 100

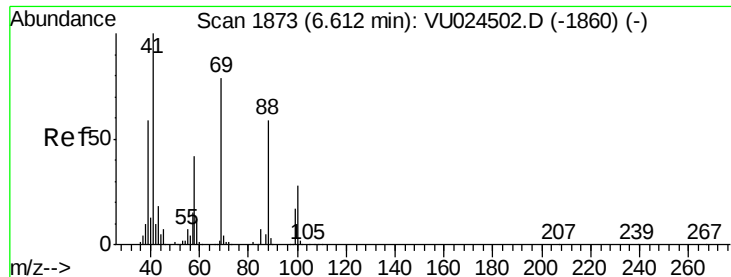
69 82.0 67.3 100.9

39 59.8 46.5 69.7



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





#49

1,4-Dioxane

Concen: 475.98 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

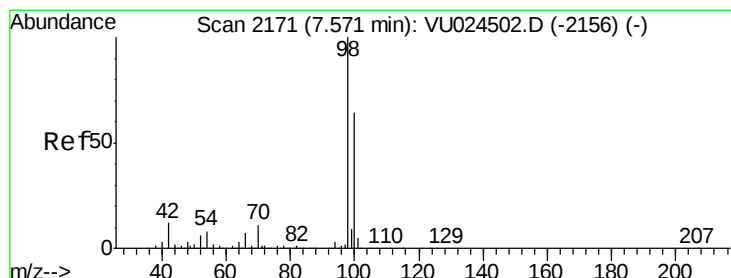
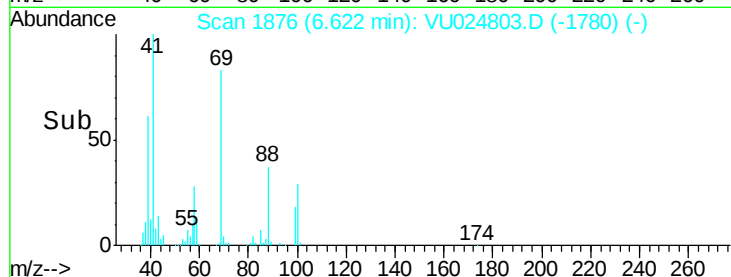
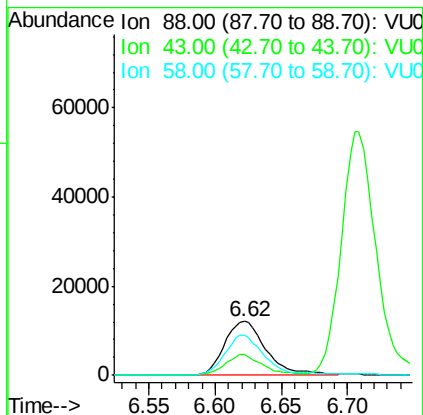
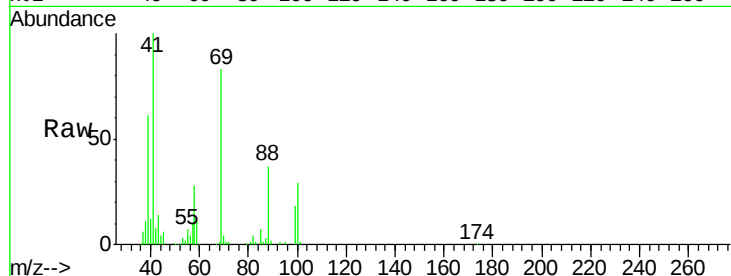
Tot Ion: 88 Resp: 26489

Ion Ratio Lower Upper

88 100

43 35.2 28.6 42.8

58 71.4 58.2 87.4



#50

Toluene-d8

Concen: 45.96 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024803.D

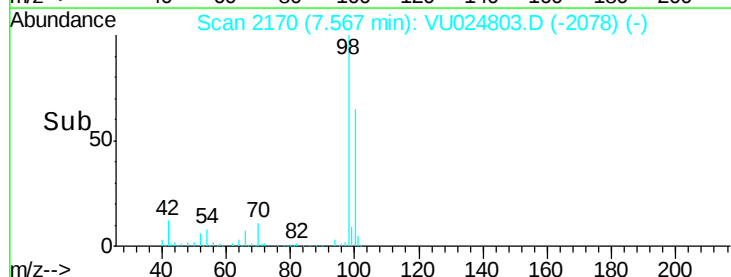
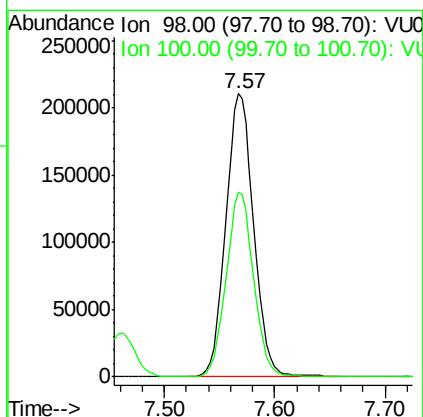
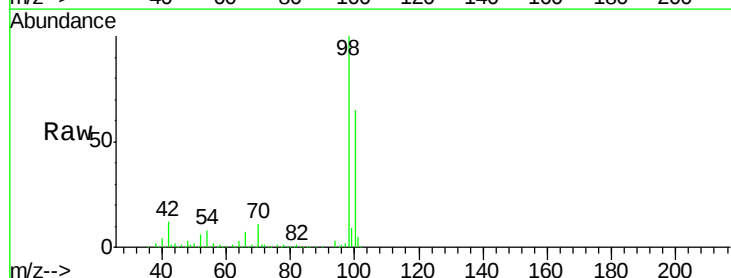
Acq: 21 Jun 2018 12:00

Tgt Ion: 98 Resp: 367278

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 102.11 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

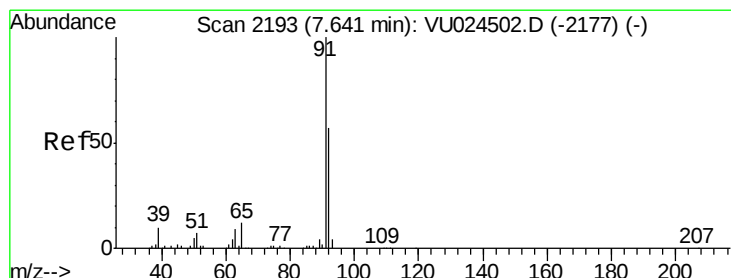
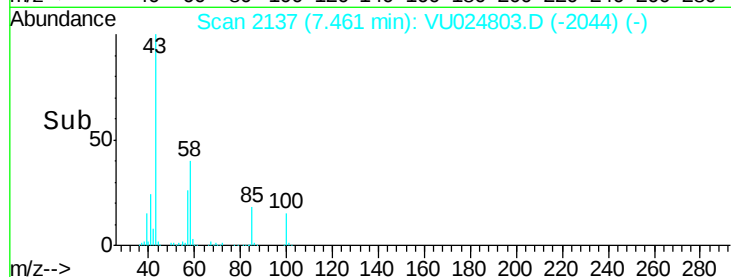
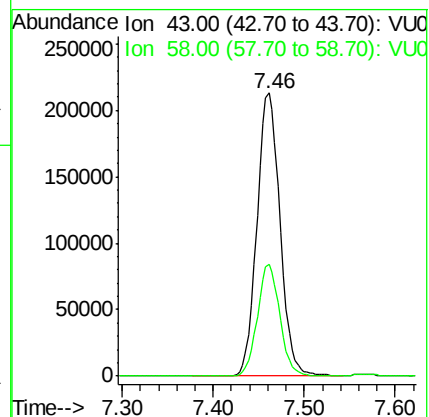
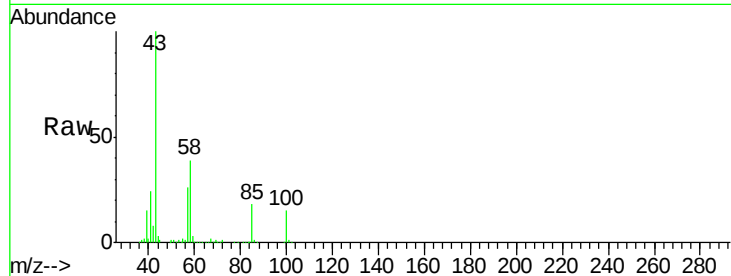
VU0621WBSD01

Tot Ion: 43 Resp: 374900

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



#52

Toluene

Concen: 20.89 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024803.D

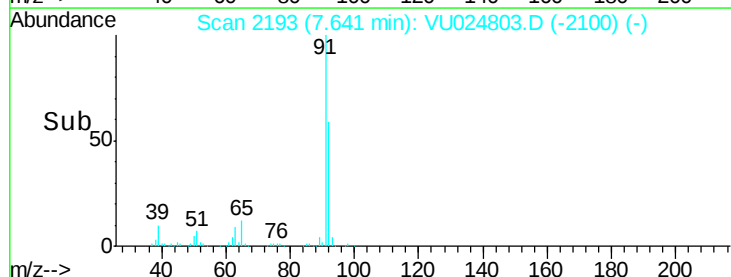
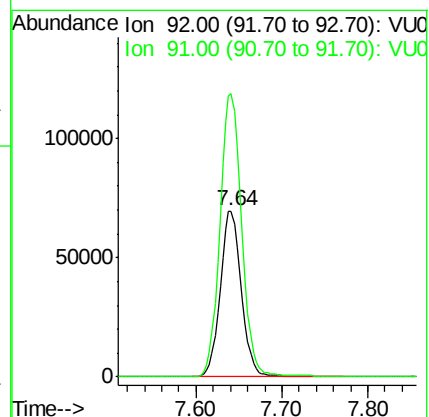
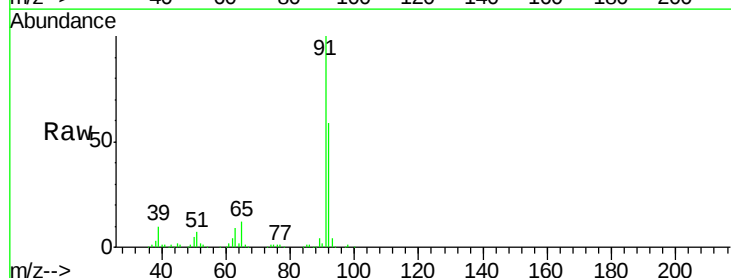
Acq: 21 Jun 2018 12:00

Tgt Ion: 92 Resp: 118771

Ion Ratio Lower Upper

92 100

91 175.5 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 20.27 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

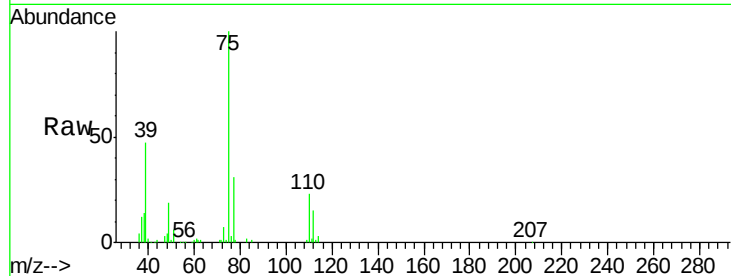
VU0621WBSD01

Tot Ion: 75 Resp: 75081

Ion Ratio Lower Upper

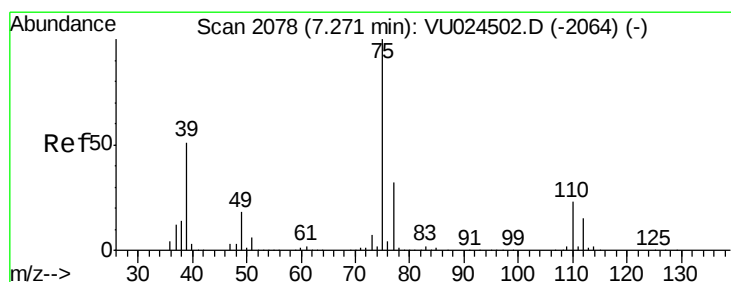
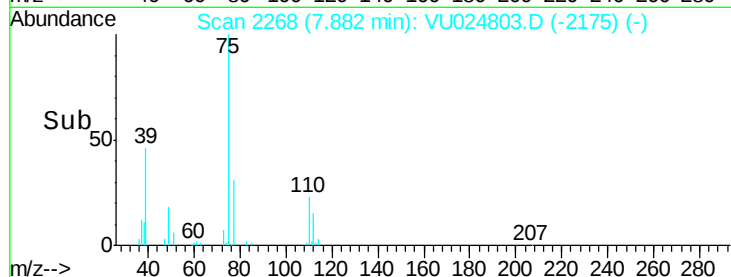
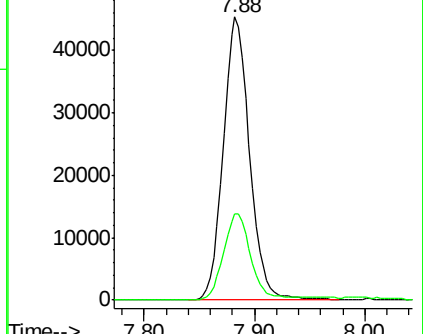
75 100

77 30.6 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: 19.82 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

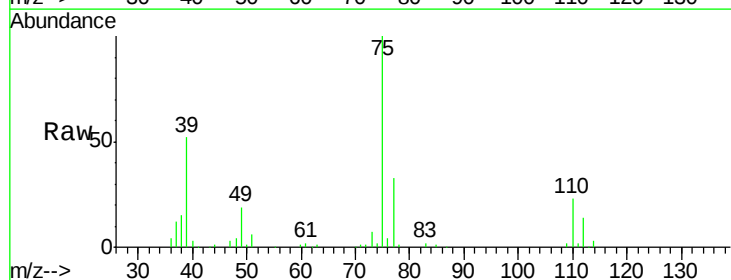
Tgt Ion: 75 Resp: 78242

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8

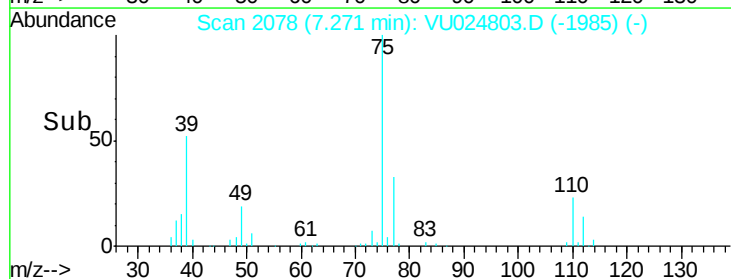
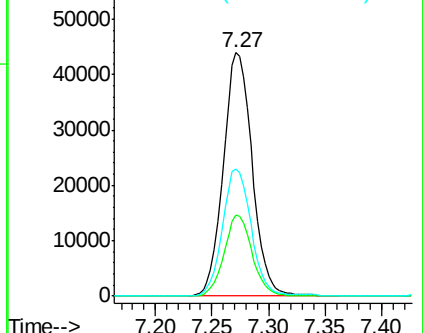
39 52.4 39.8 59.6

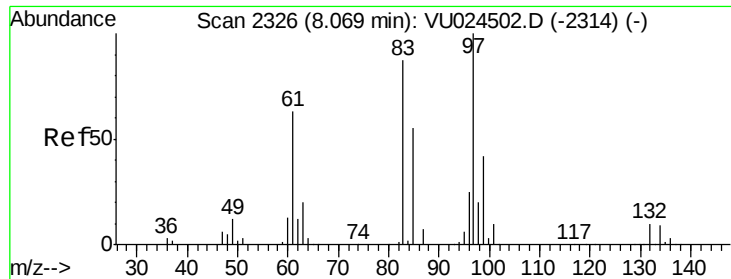


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

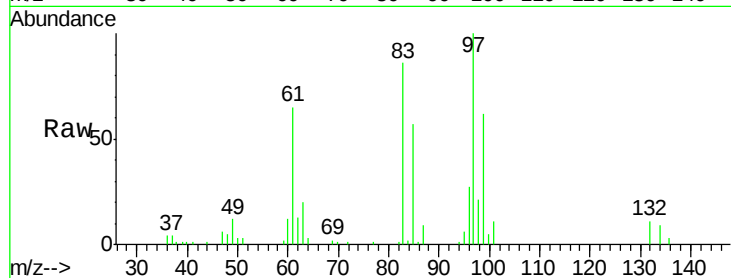




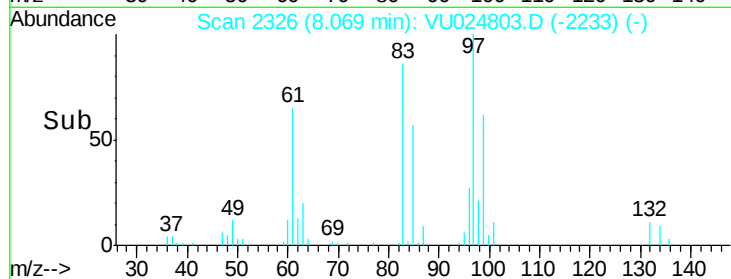
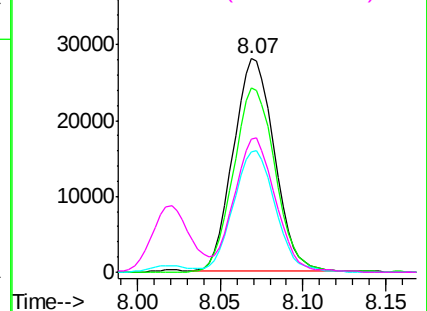
#55
 1,1,2-Trichloroethane
 Concen: 20.97 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion: 97 Resp: 48484
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.5 105.7
 85 56.4 46.4 69.6
 99 61.7 50.2 75.2

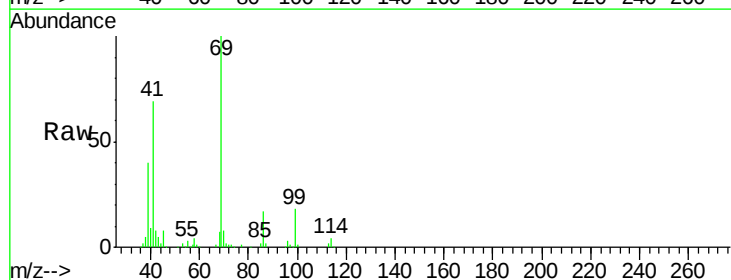


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

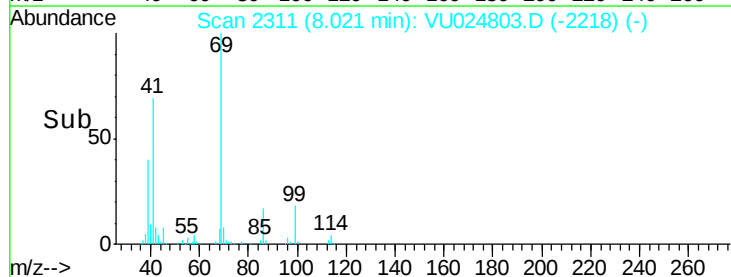
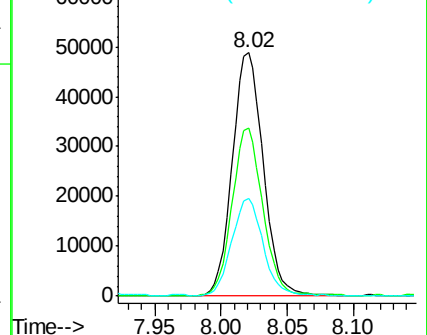


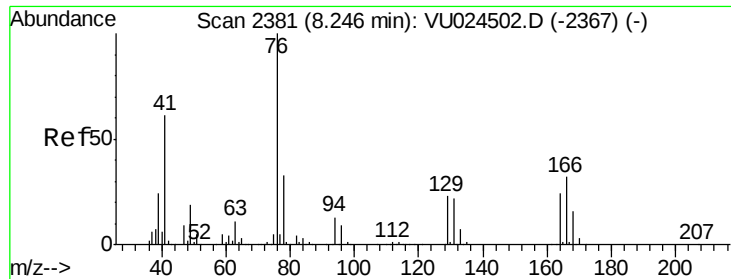
#56
 Ethyl methacrylate
 Concen: 20.56 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 69 Resp: 79528
 Ion Ratio Lower Upper
 69 100
 41 68.9 54.1 81.1
 39 39.9 30.3 45.5



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





#57

1,3-Dichloropropane

Concen: 21.40 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

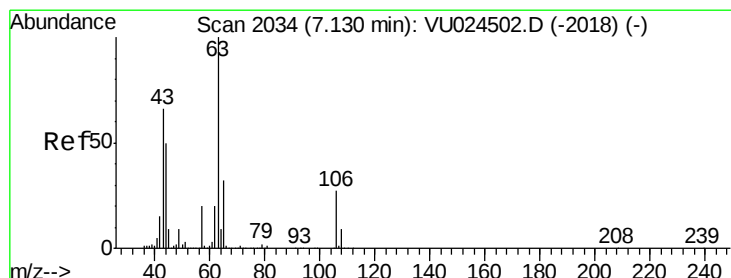
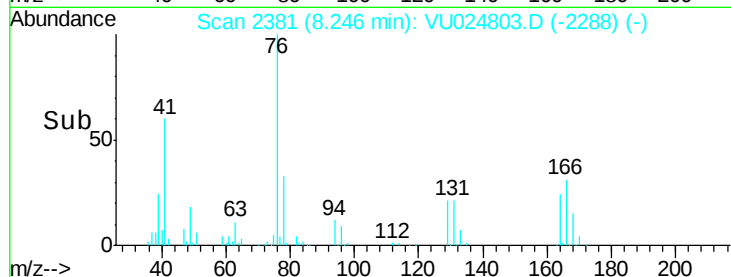
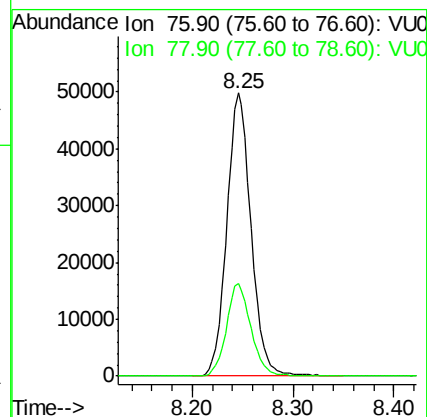
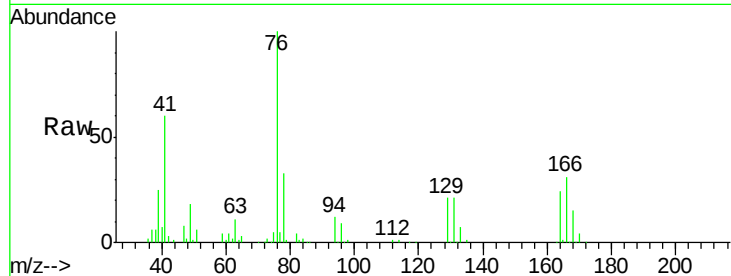
VU0621WBSD01

Tot Ion: 76 Resp: 83443

Ion Ratio Lower Upper

76 100

78 33.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.25 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU024803.D

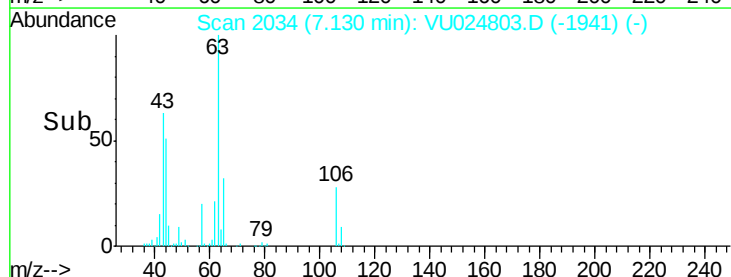
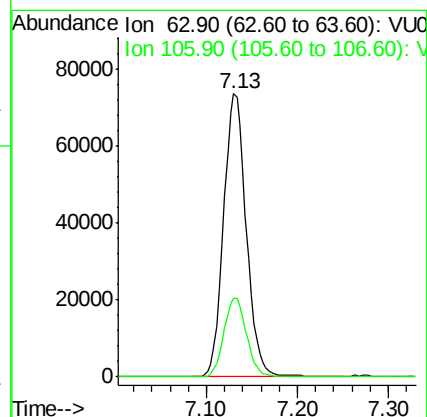
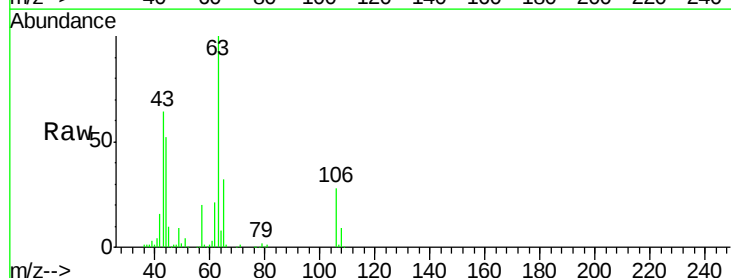
Acq: 21 Jun 2018 12:00

Tgt Ion: 63 Resp: 127838

Ion Ratio Lower Upper

63 100

106 27.6 20.2 30.2

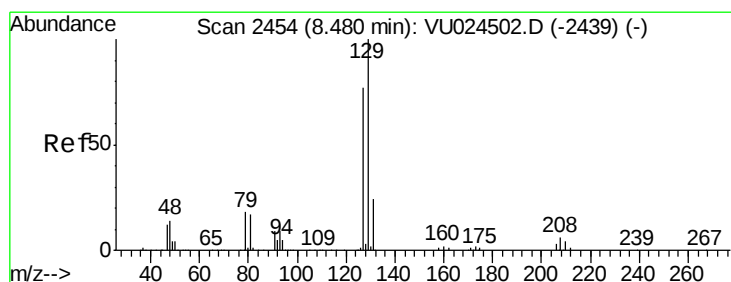
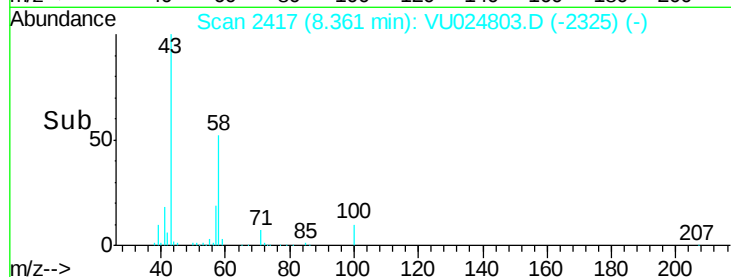
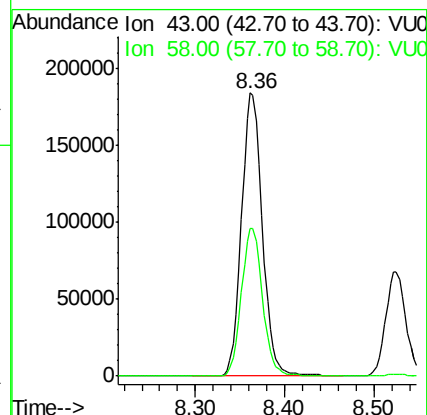
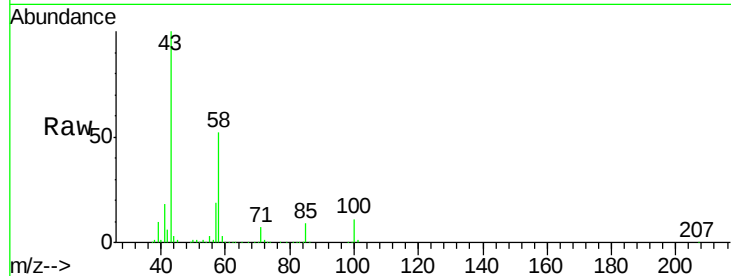




#59
2-Hexanone
Concen: 99.58 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

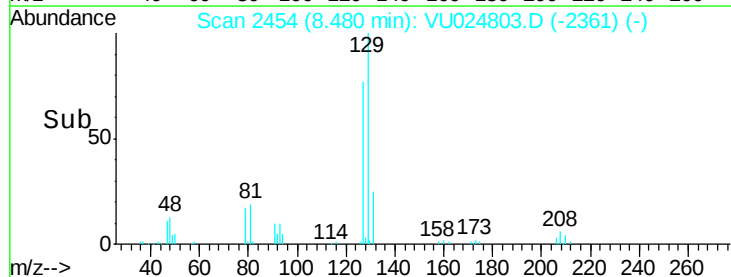
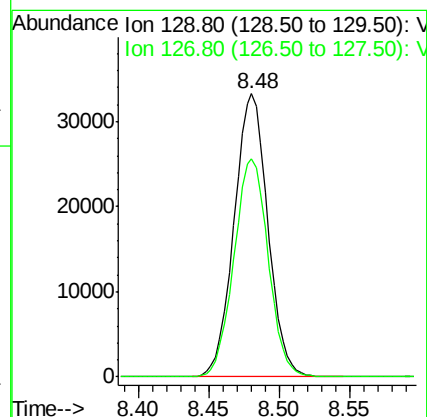
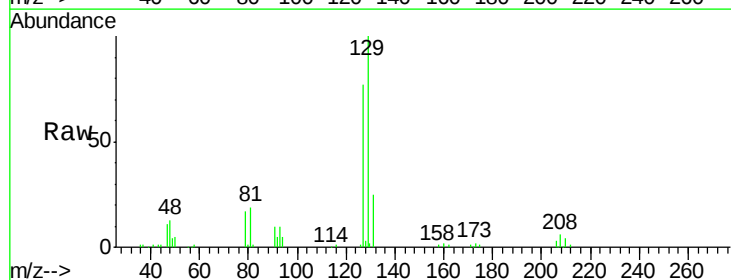
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 43 Resp: 298483
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 19.34 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 129 Resp: 55737
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.24 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

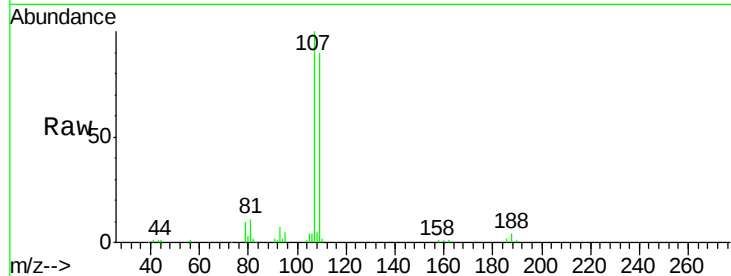
VU0621WBSD01

Tot Ion:107 Resp: 54638

Ion Ratio Lower Upper

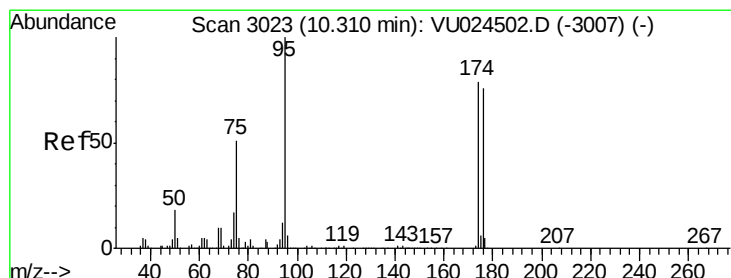
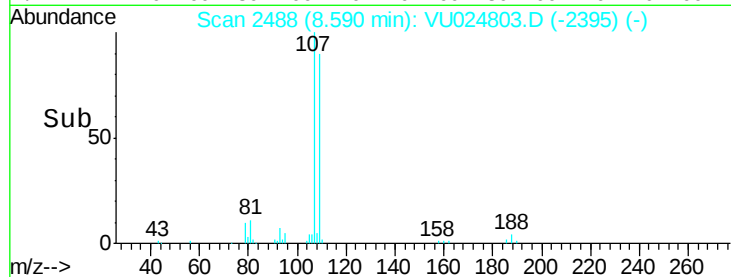
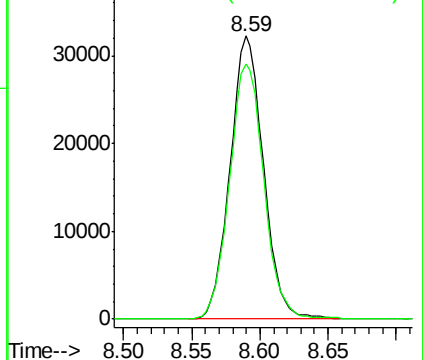
107 100

109 93.1 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: 46.31 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

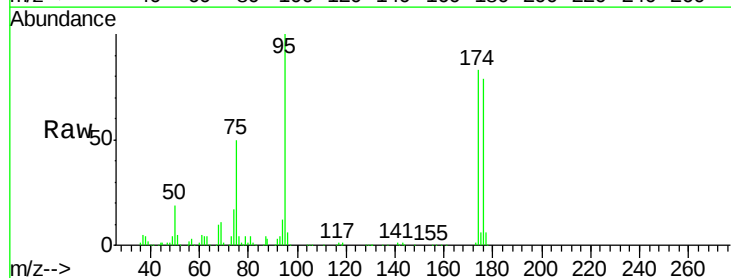
Tgt Ion: 95 Resp: 146923

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

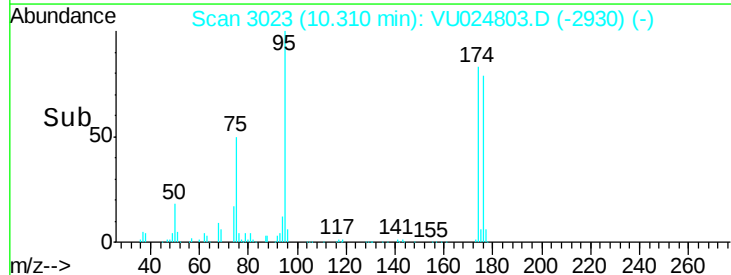
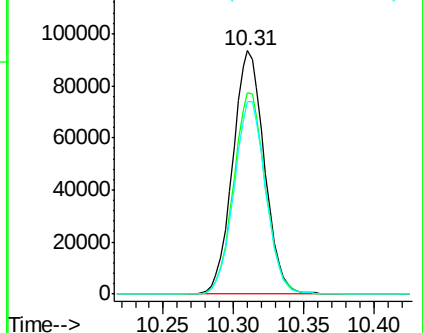
176 79.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

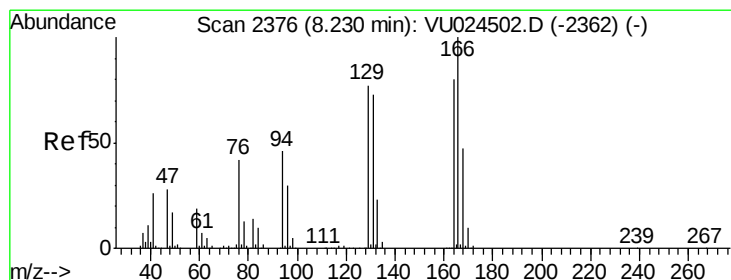
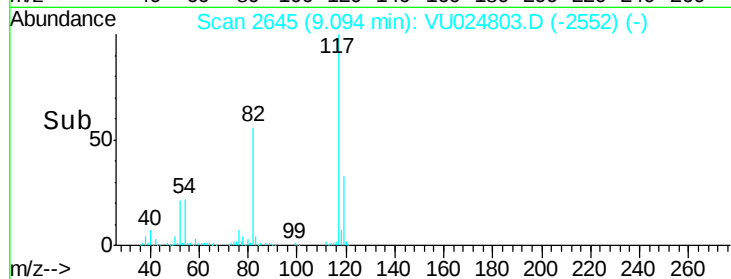
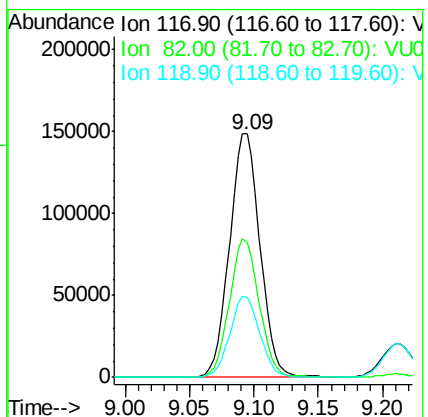
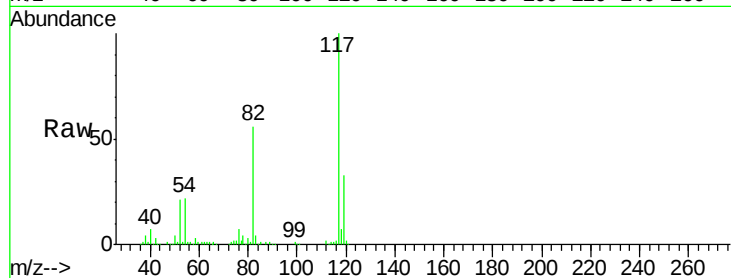




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

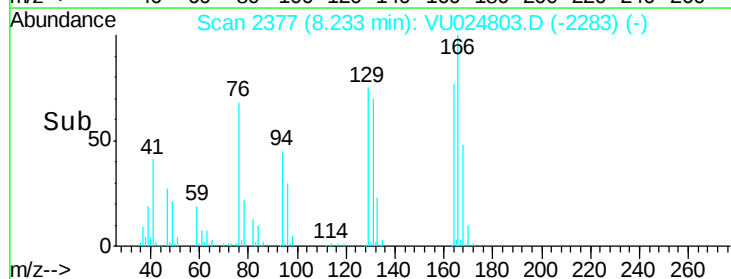
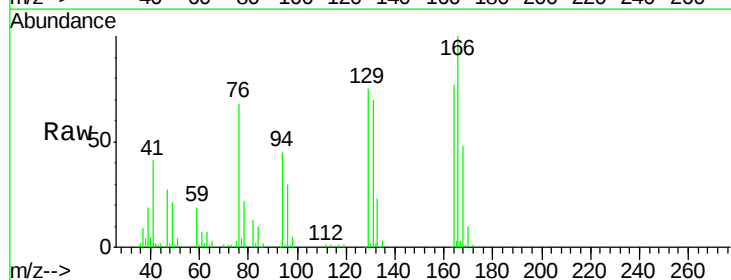
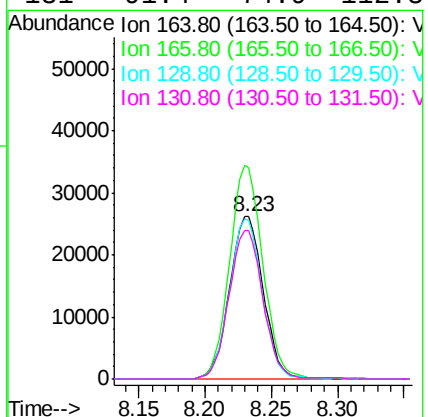
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	32.7	25.4	38.2



#64
Tetrachloroethene
Concen: 19.98 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.7	152.5
129	97.4	76.9	115.3
131	91.4	74.9	112.3

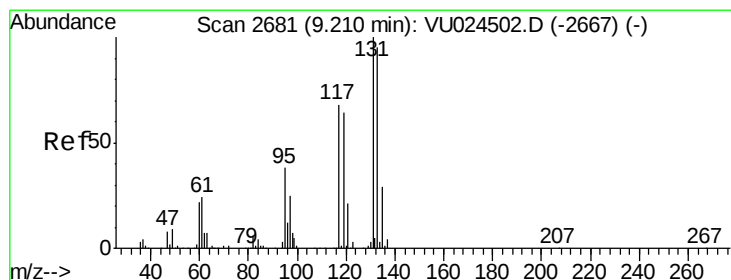
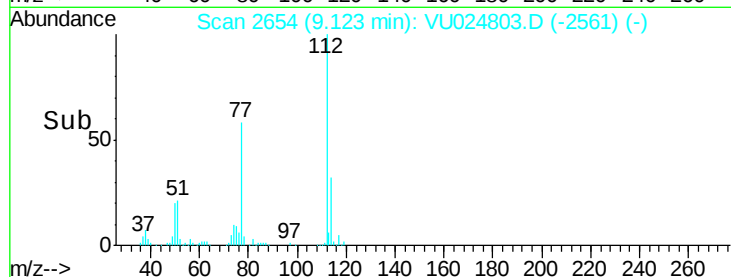
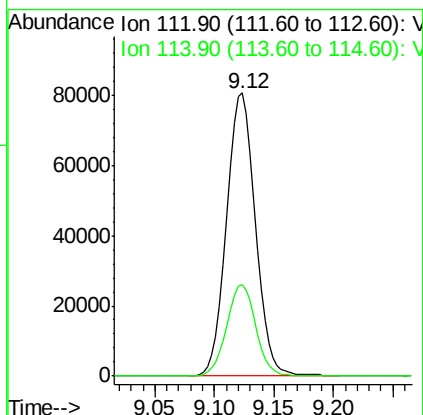
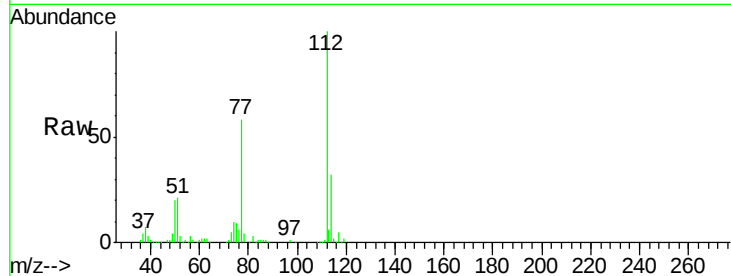




#65
Chlorobenzene
Concen: 21.80 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

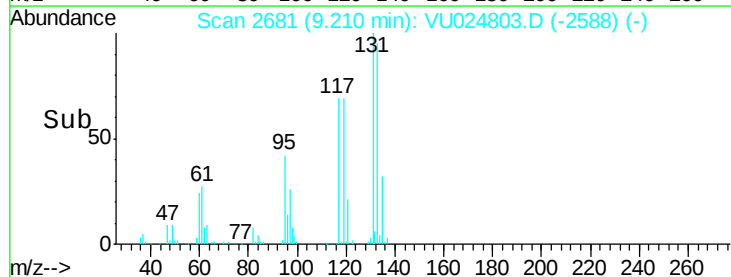
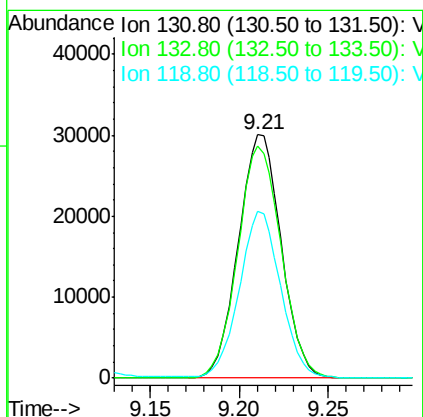
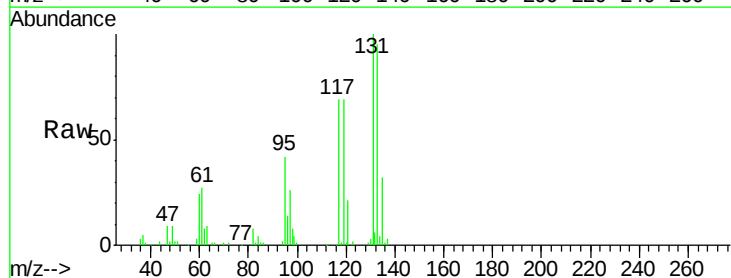
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

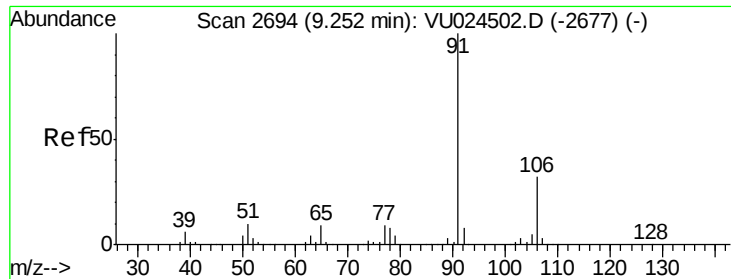
Tot Ion:112 Resp: 135770
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.31 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion:131 Resp: 50427
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.8
119 66.5 33.5 100.4

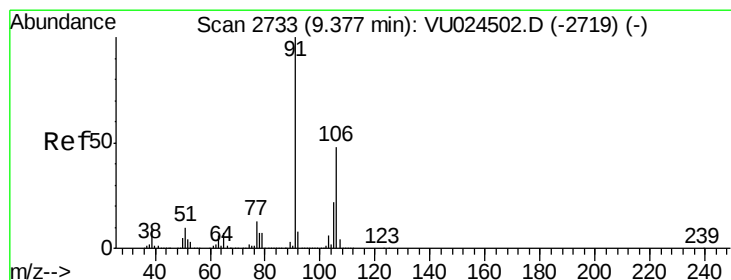
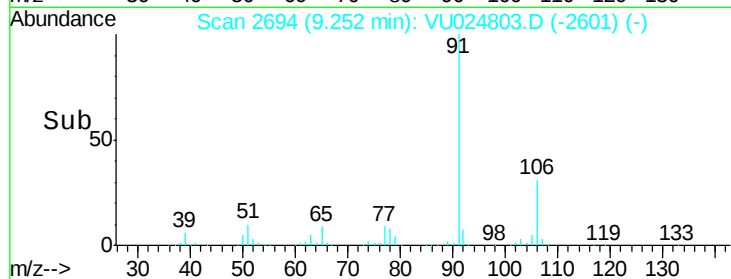
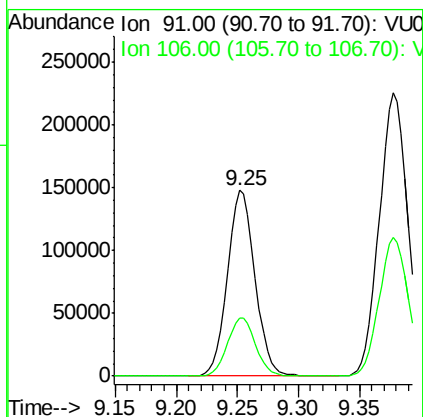
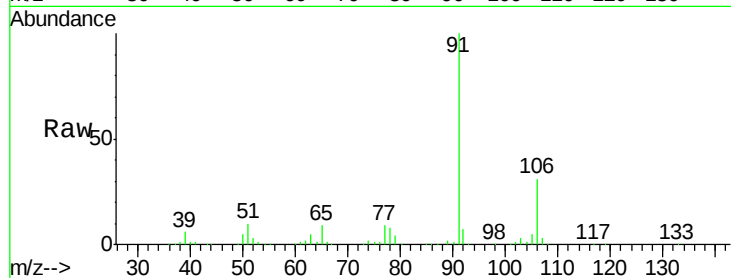




#67
Ethyl Benzene
Concen: 21.46 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

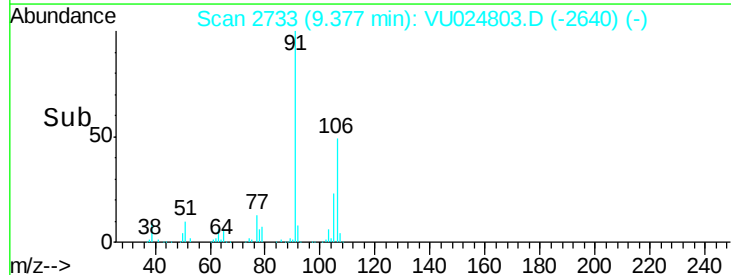
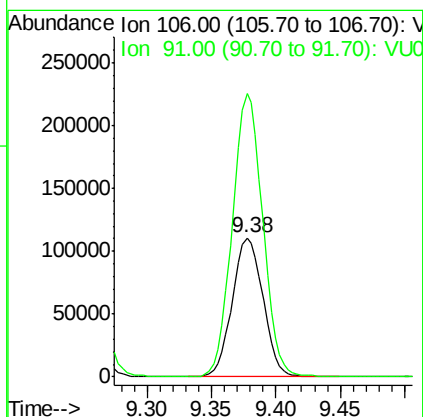
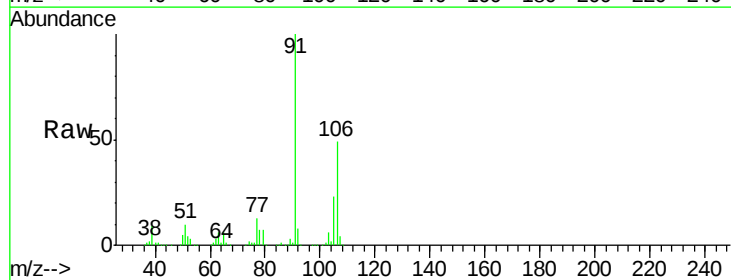
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 91 Resp: 234292
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 43.84 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 106 Resp: 183772
Ion Ratio Lower Upper
106 100
91 200.7 166.5 249.7

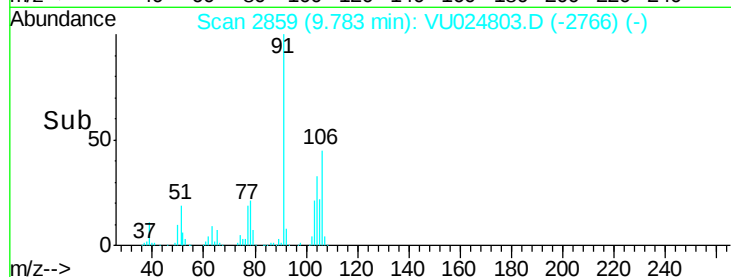
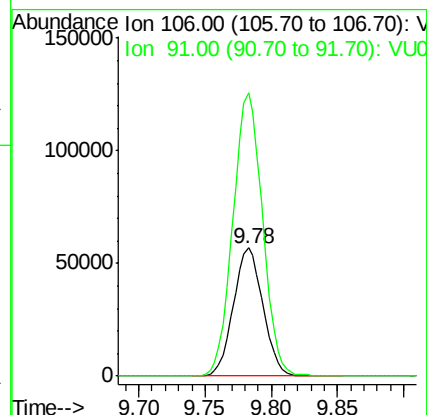
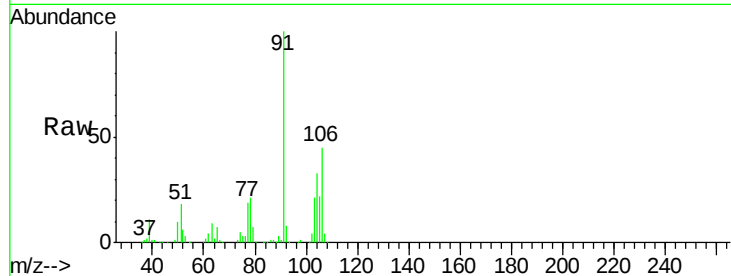




#69
o-Xylene
Concen: 21.32 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

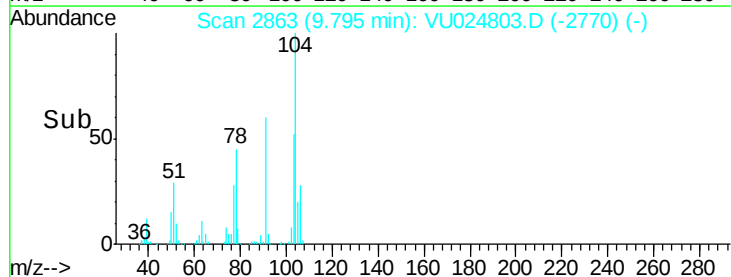
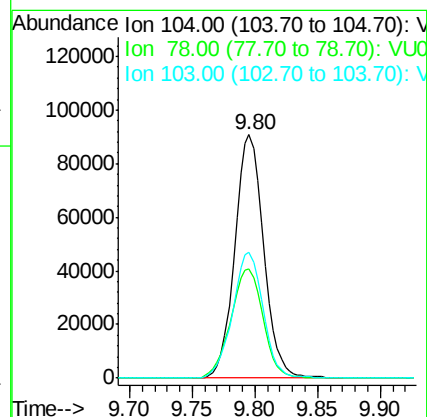
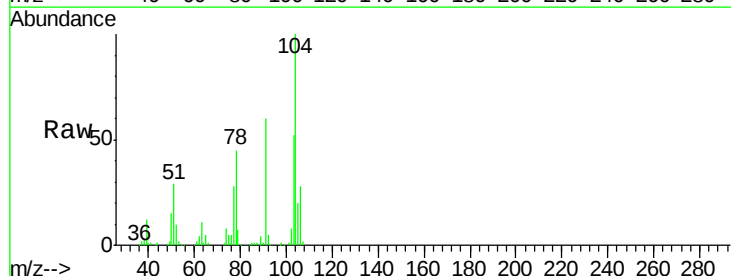
Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

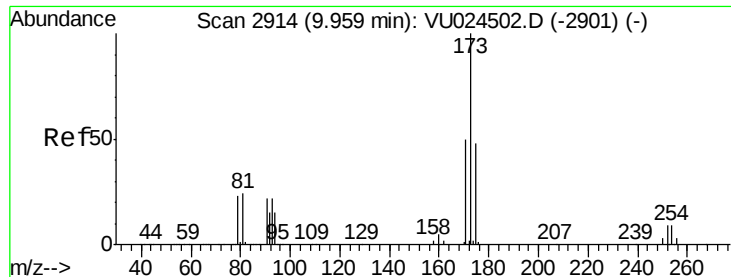
Tot Ion:106 Resp: 88457
Ion Ratio Lower Upper
106 100
91 221.1 110.7 331.9



#70
Styrene
Concen: 21.30 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion:104 Resp: 145220
Ion Ratio Lower Upper
104 100
78 50.1 40.6 60.8
103 54.7 44.7 67.1





#71

Bromoform

Concen: 19.55 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

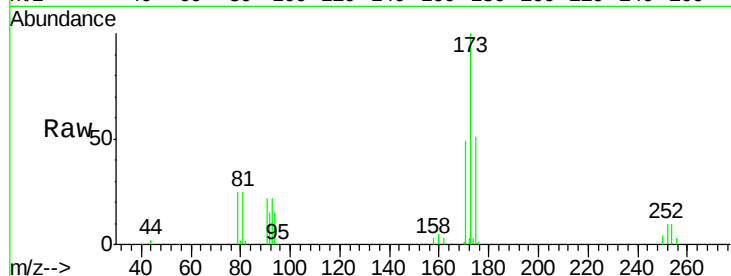
Tot Ion:173 Resp: 43963

Ion Ratio Lower Upper

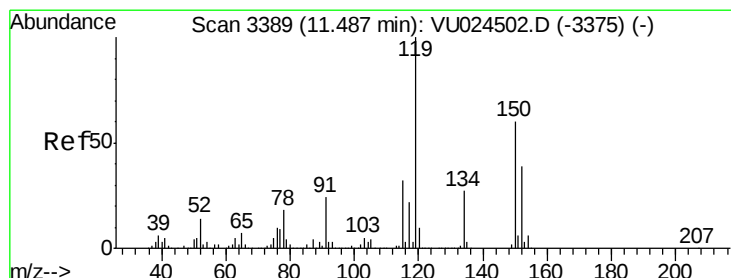
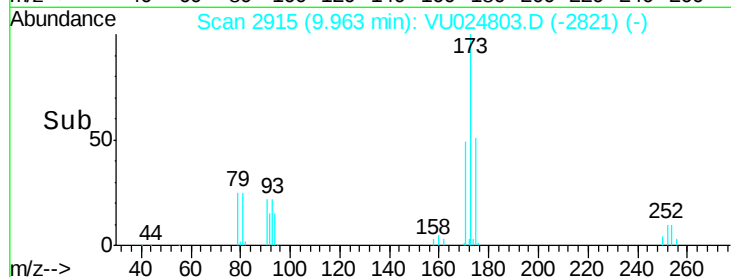
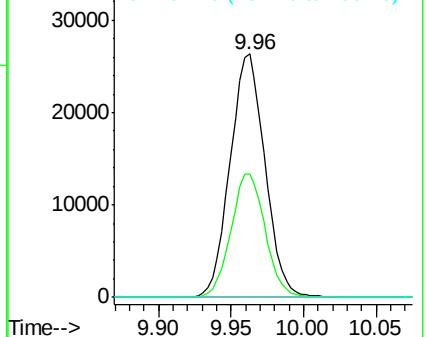
173 100

175 49.6 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

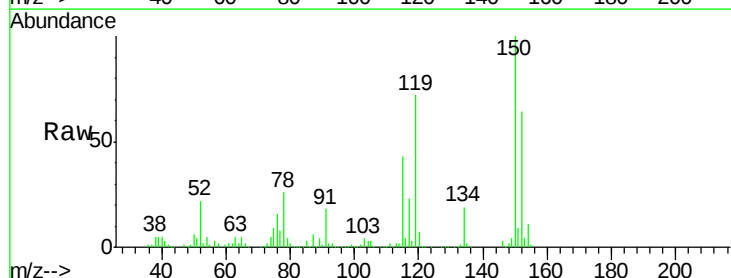
Tgt Ion:152 Resp: 146037

Ion Ratio Lower Upper

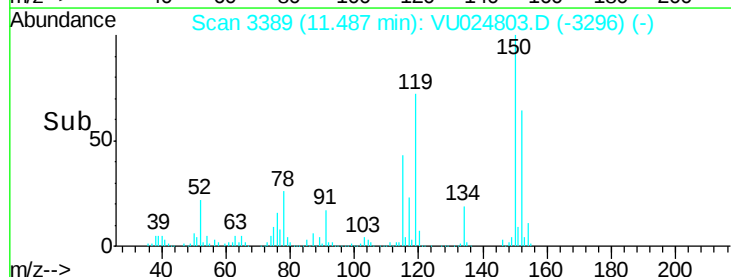
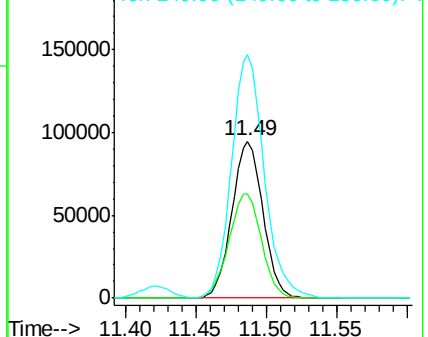
152 100

115 69.7 43.0 129.0

150 163.2 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: 21.69 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

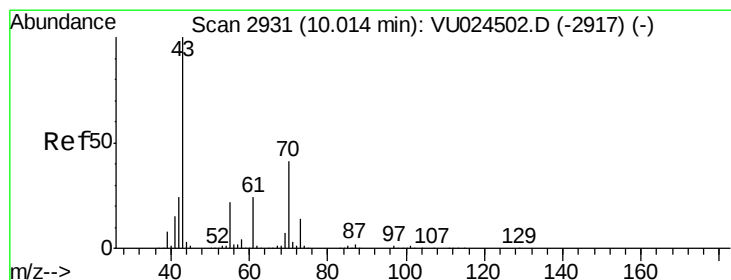
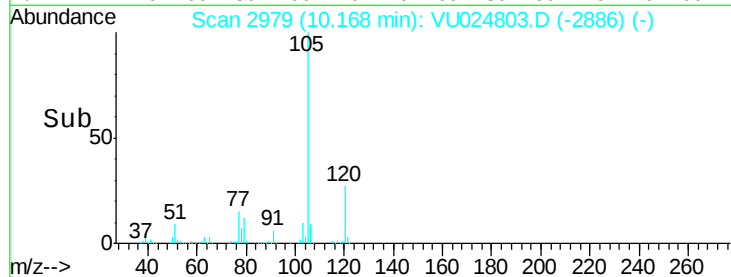
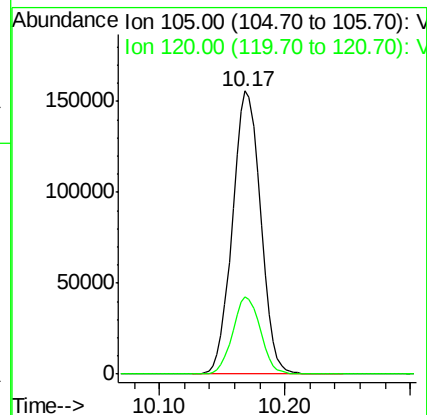
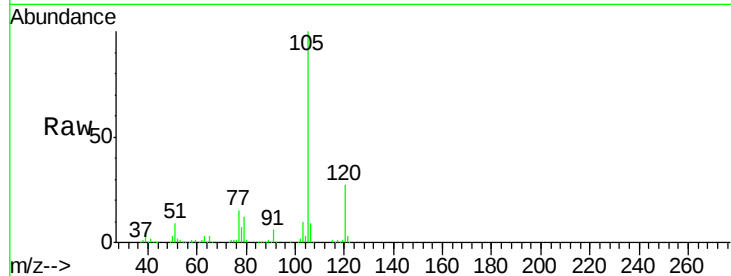
VU0621WBSD01

Tot Ion:105 Resp: 243212

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 20.21 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion: 43 Resp: 107795

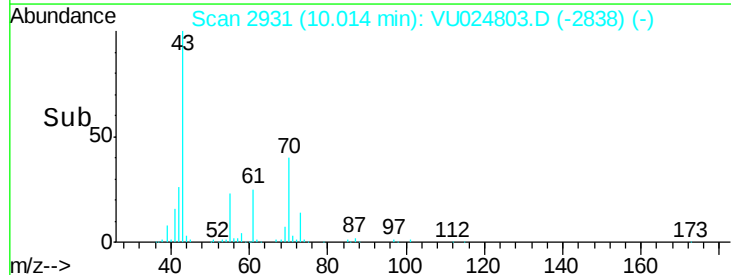
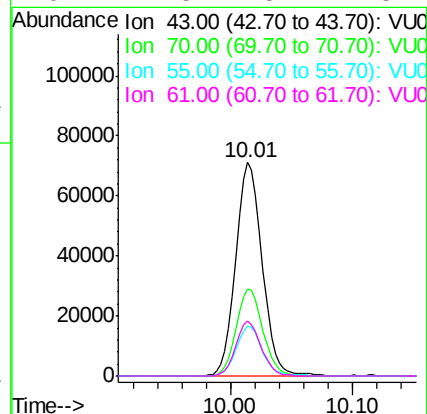
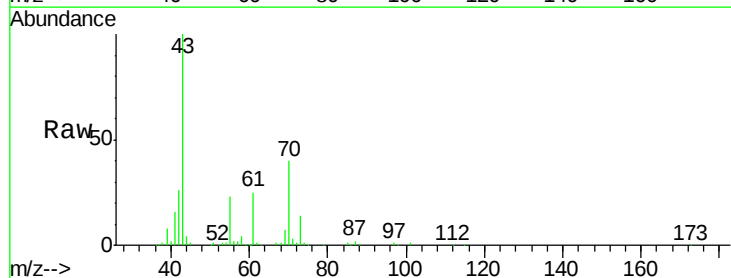
Ion Ratio Lower Upper

43 100

70 40.9 32.2 48.4

55 23.1 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.27 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

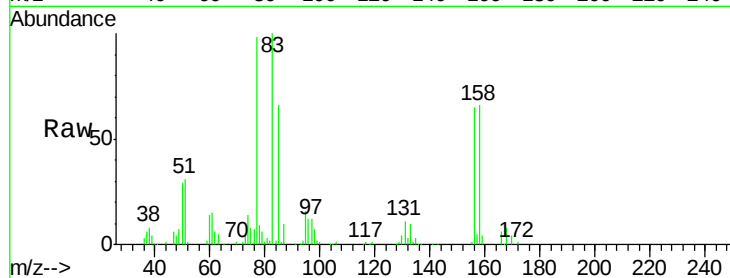
Tot Ion: 83 Resp: 79927

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

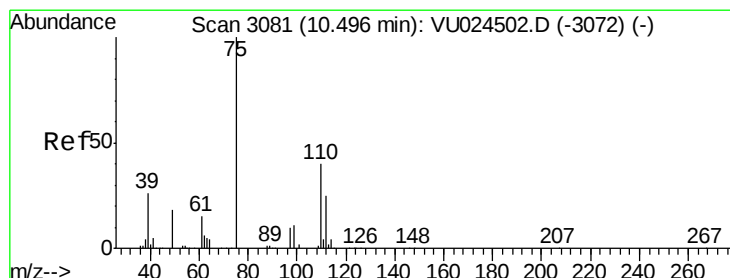
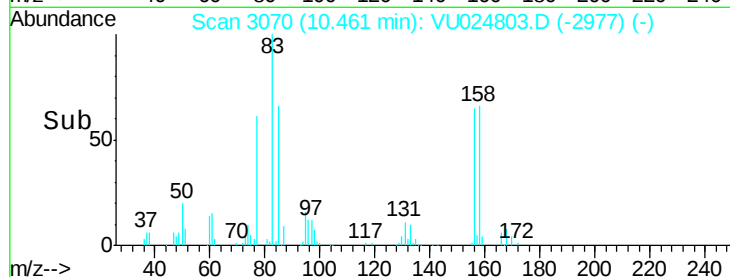
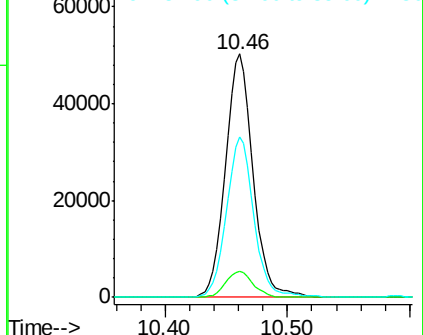
85 65.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.20 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024803.D

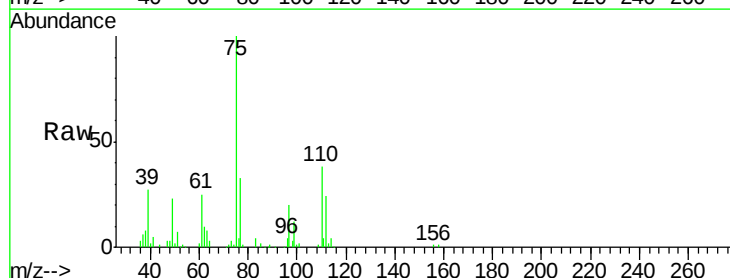
Acq: 21 Jun 2018 12:00

Tgt Ion: 75 Resp: 93884

Ion Ratio Lower Upper

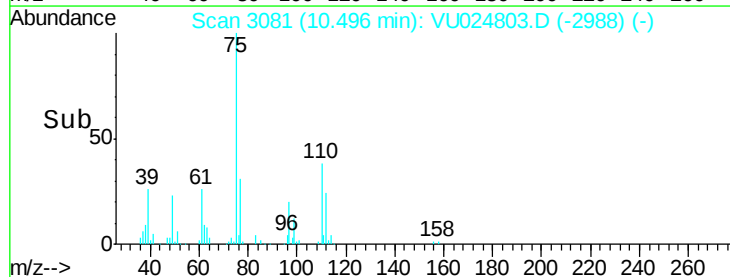
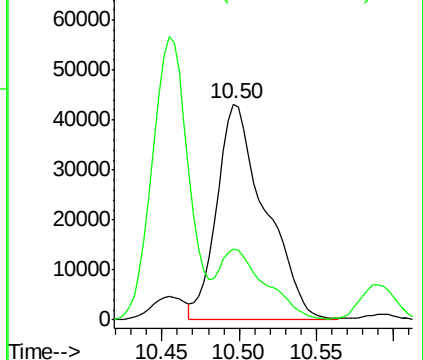
75 100

77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.14 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

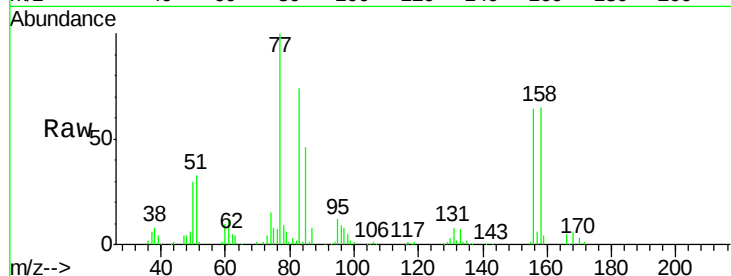
Tot Ion:156 Resp: 60020

Ion Ratio Lower Upper

156 100

77 153.4 80.5 241.3

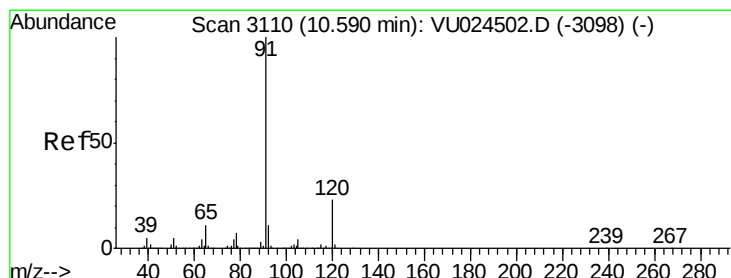
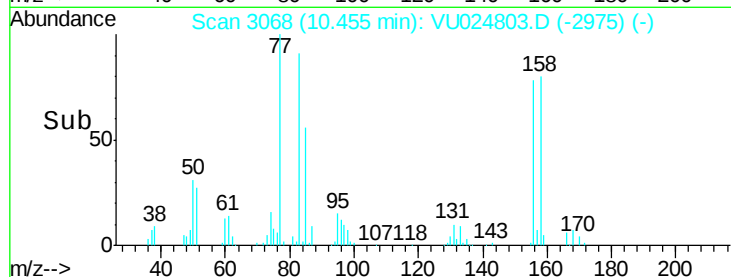
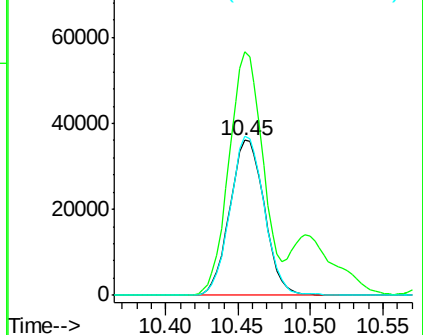
158 100.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.73 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024803.D

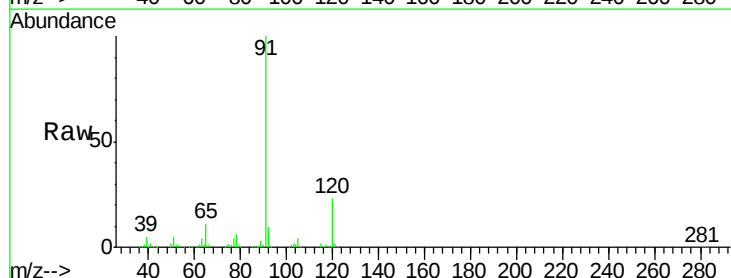
Acq: 21 Jun 2018 12:00

Tgt Ion: 91 Resp: 273739

Ion Ratio Lower Upper

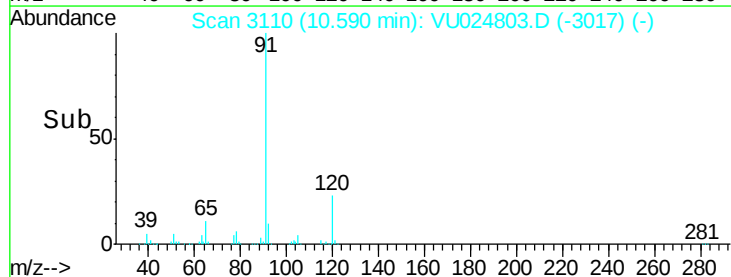
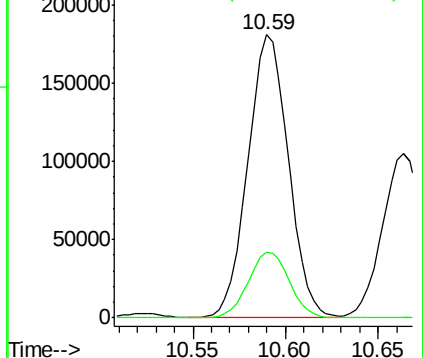
91 100

120 23.6 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: 21.14 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

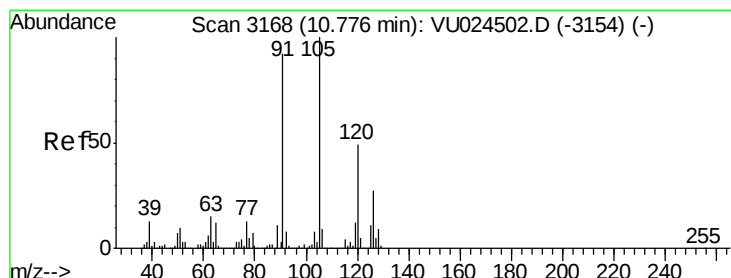
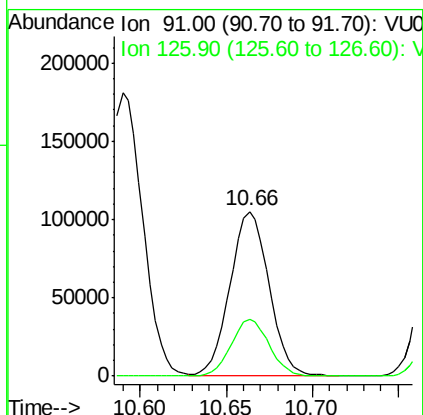
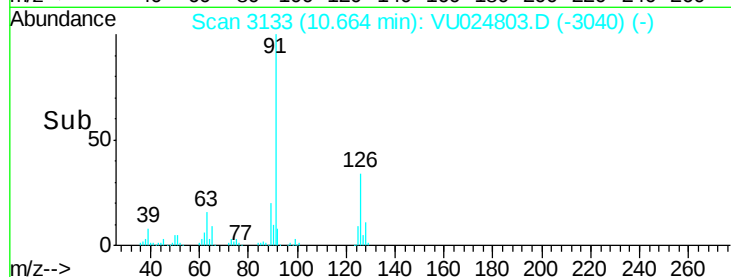
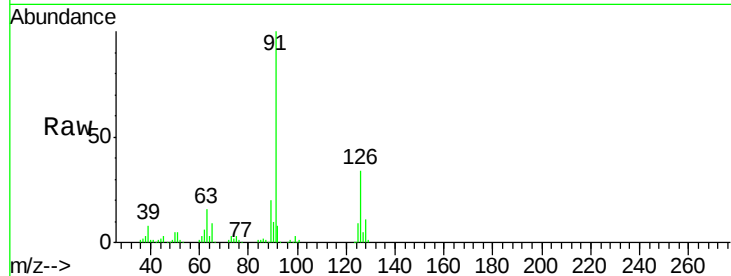
VU0621WBSD01

Tot Ion: 91 Resp: 164694

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.39 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024803.D

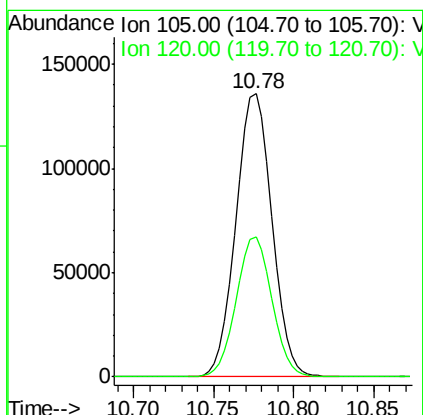
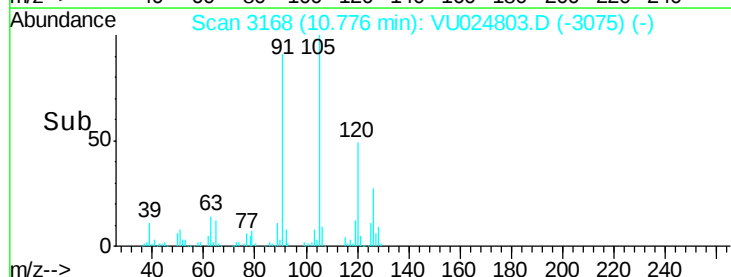
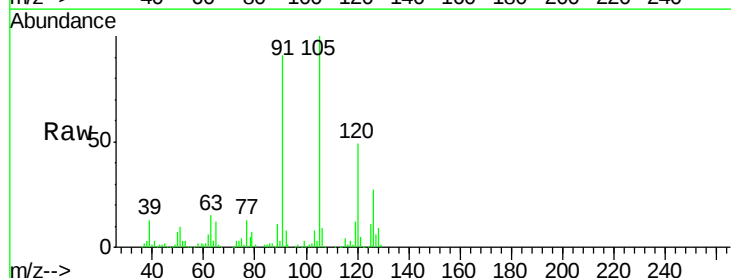
Acq: 21 Jun 2018 12:00

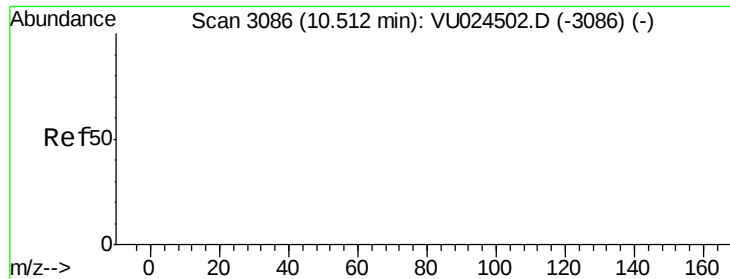
Tgt Ion: 105 Resp: 207839

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2

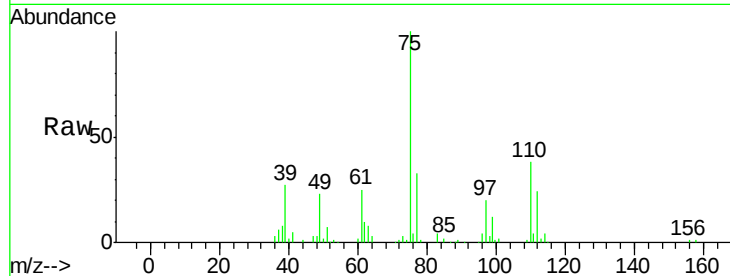




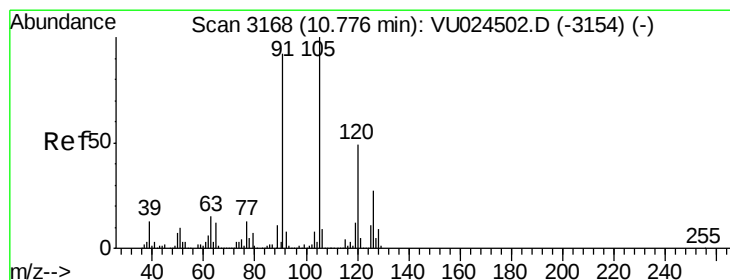
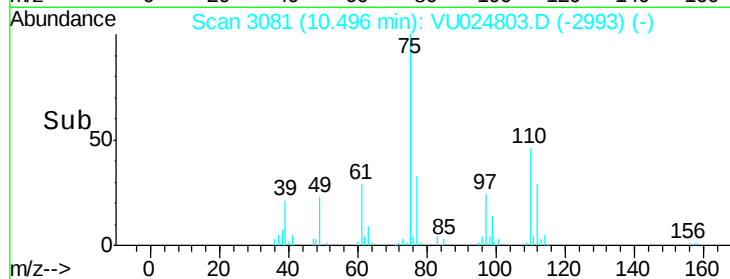
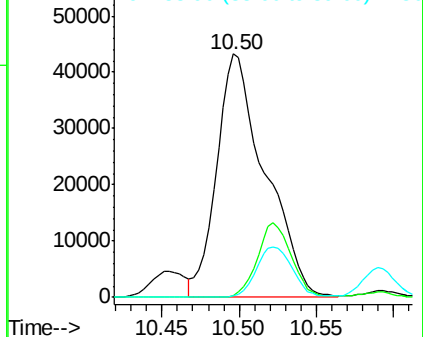
#81
trans-1,4-Dichloro-2-butene
Concen: 67.58 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 75 Resp: 93884
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

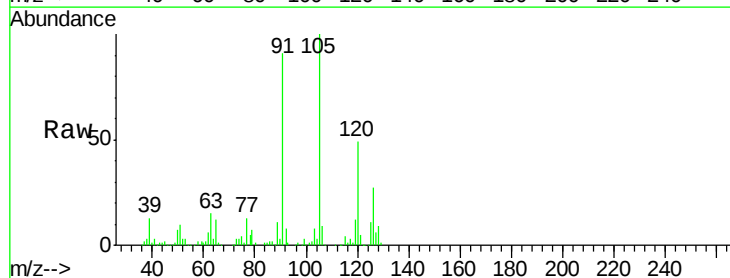


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

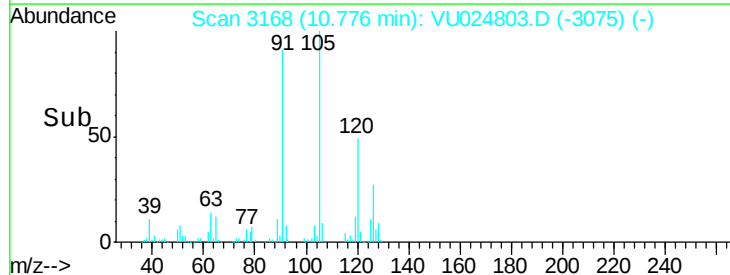
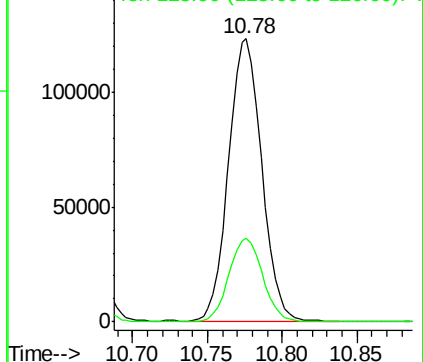


#82
4-Chlorotoluene
Concen: 20.99 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 91 Resp: 190271
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.9



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

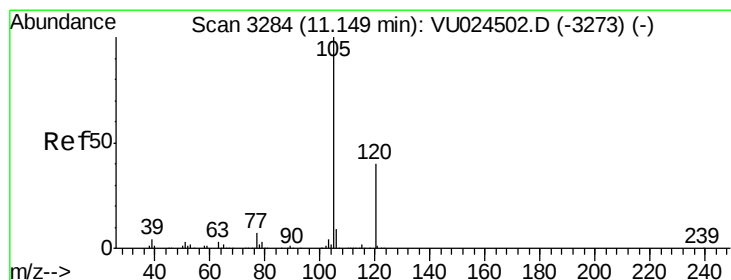
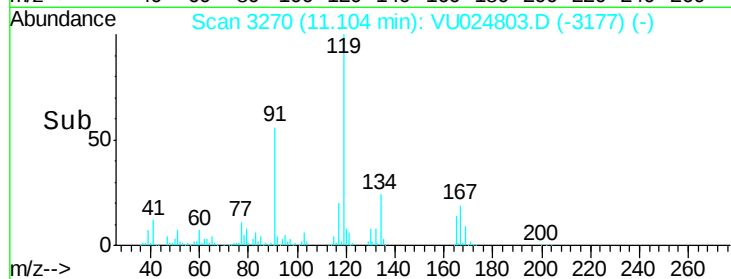
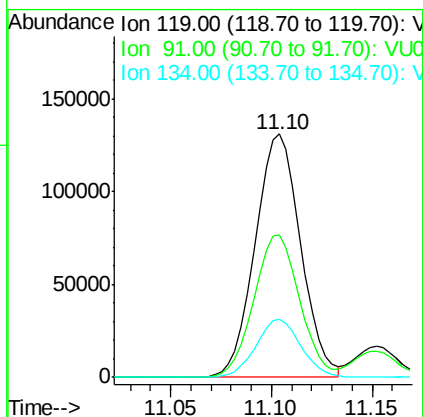
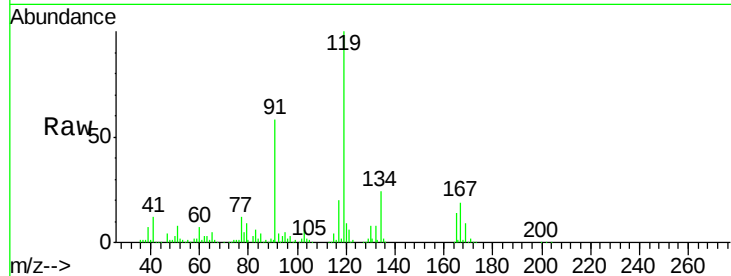




#83
 tert-Butylbenzene
 Concen: 22.07 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

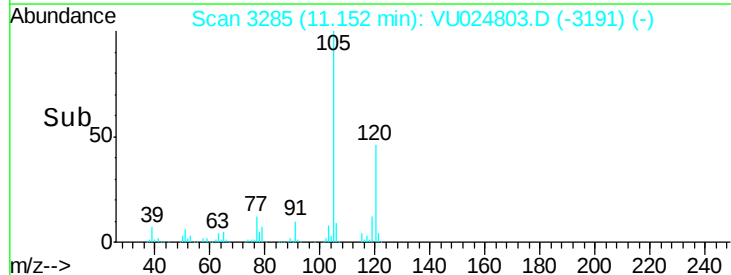
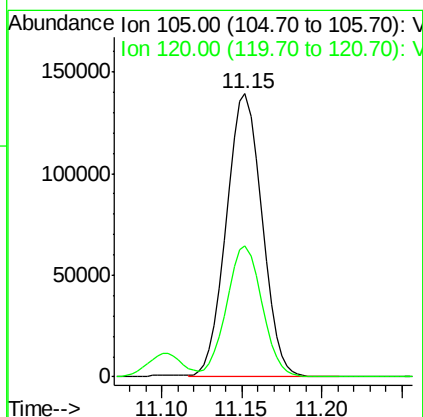
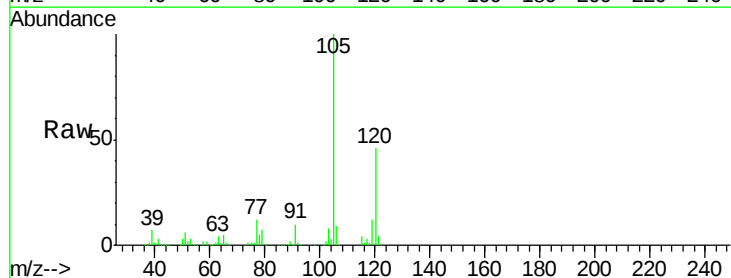
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.7	89.1
134	23.5	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.27 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.18 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

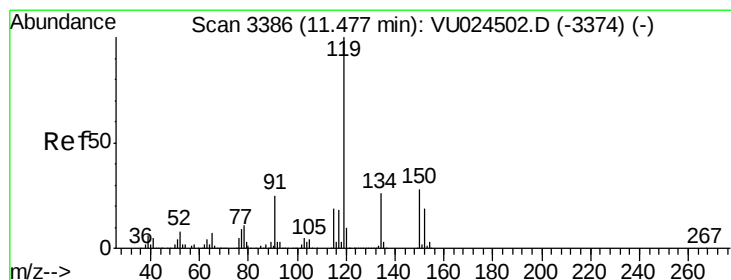
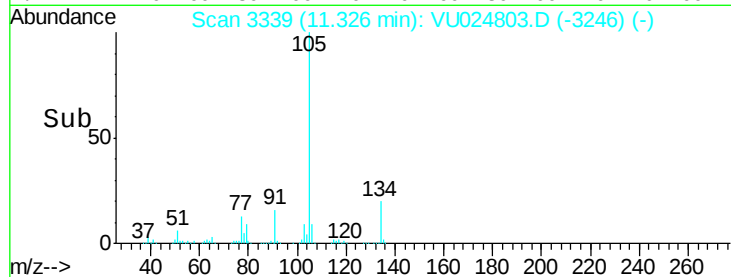
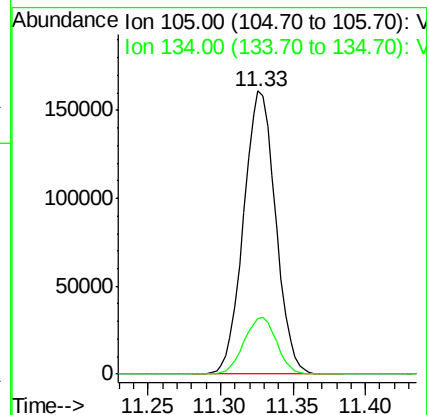
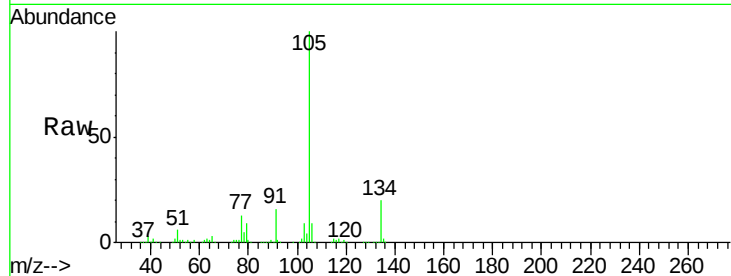
VU0621WBSD01

Tot Ion:105 Resp: 247810

Ion Ratio Lower Upper

105 100

134 20.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 21.10 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

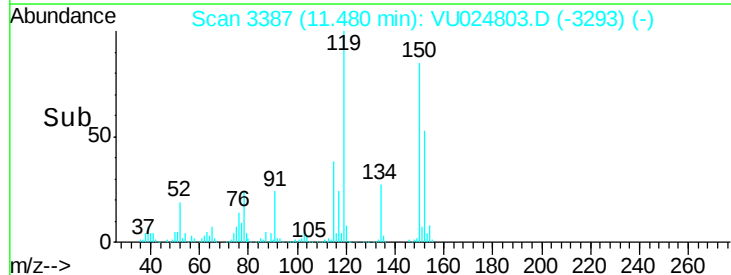
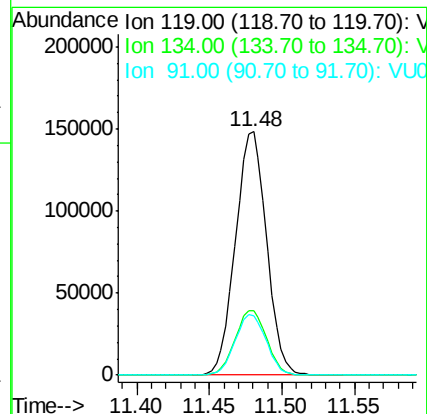
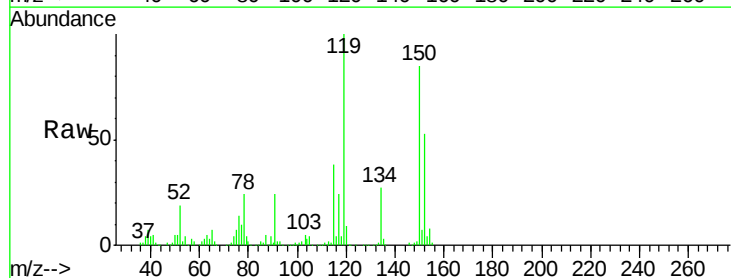
Tgt Ion:119 Resp: 221073

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 24.9 12.0 36.1

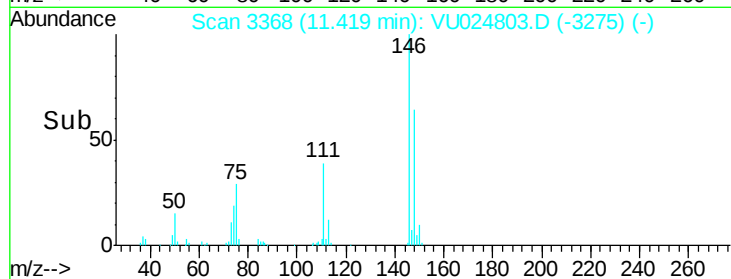
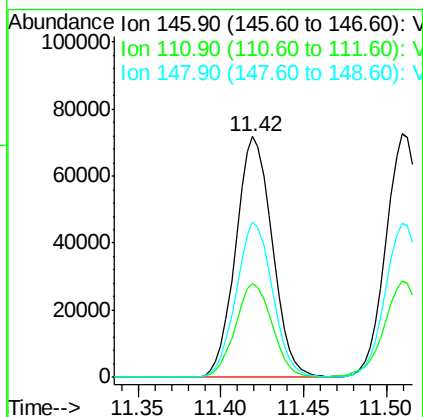
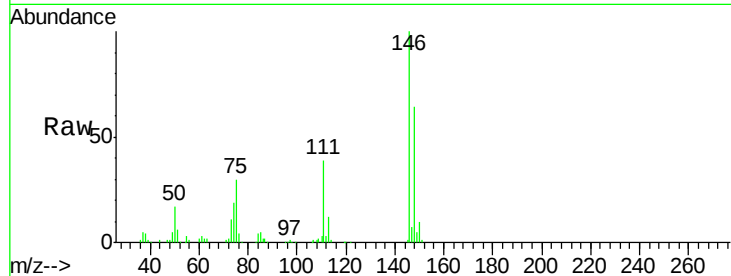




#87
 1,3-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

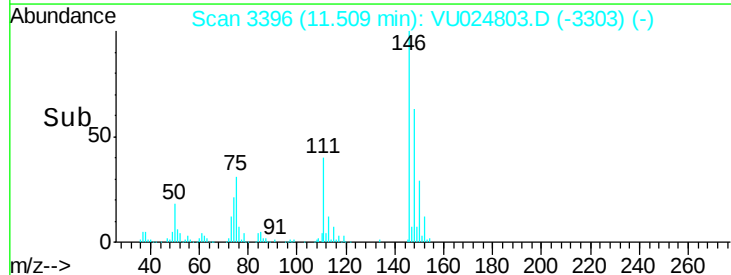
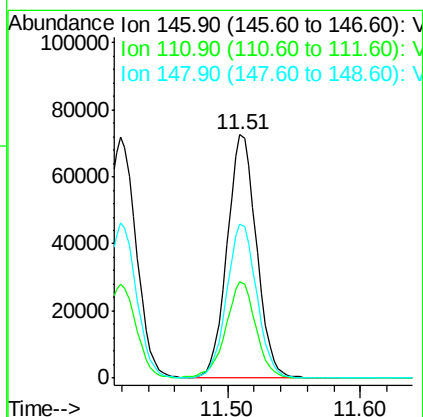
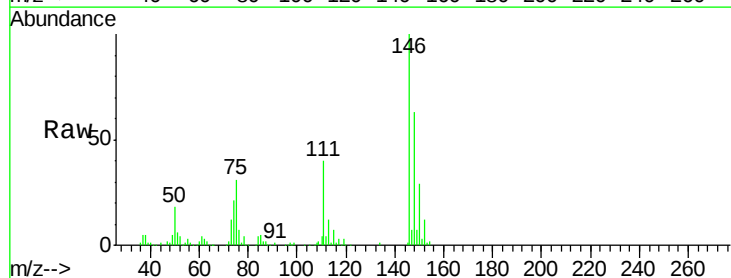
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

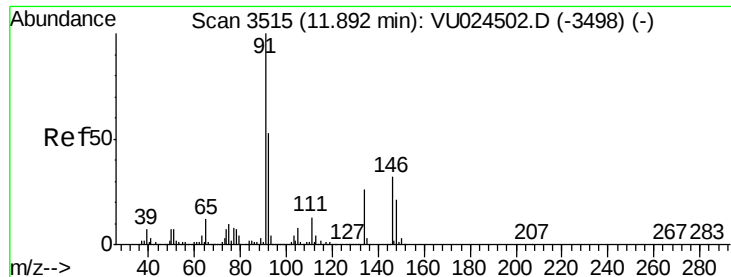
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.5	58.5
148	64.8	32.4	97.0





#89

n-Butylbenzene

Concen: 20.04 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

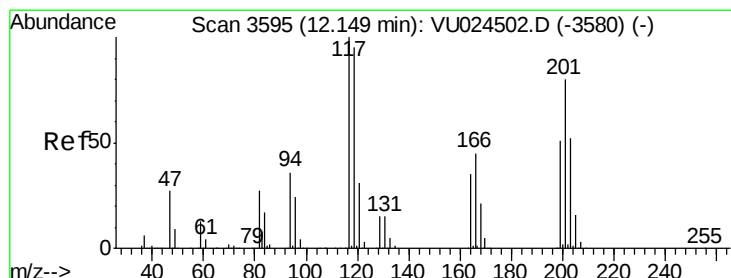
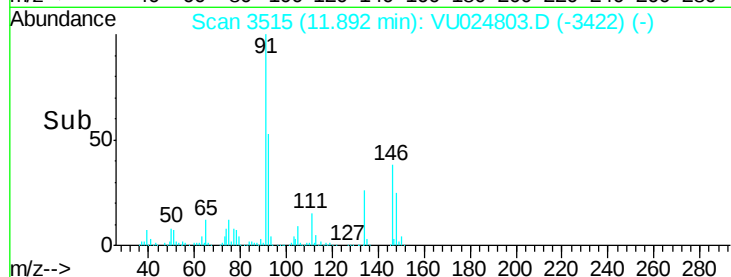
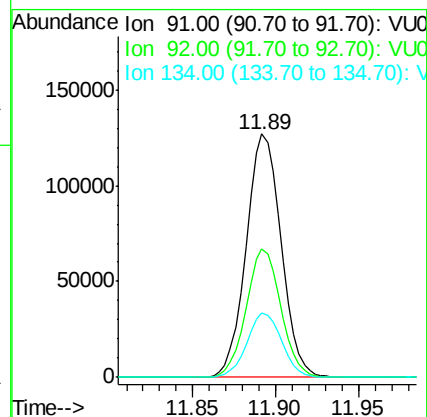
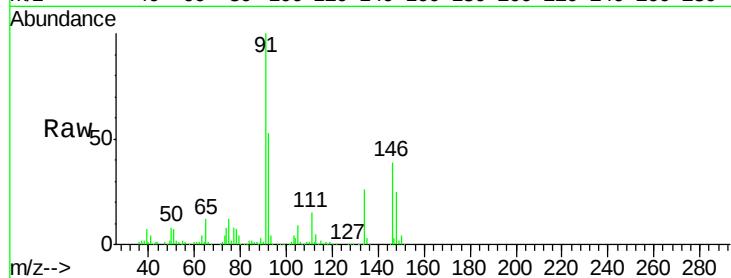
Tot Ion: 91 Resp: 186415

Ion Ratio Lower Upper

91 100

92 52.3 25.6 76.8

134 26.5 12.3 36.8



#90

Hexachloroethane

Concen: 19.09 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024803.D

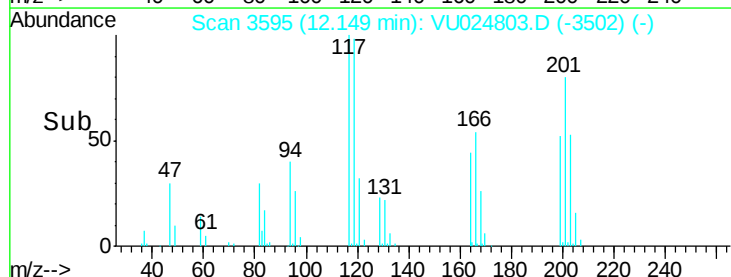
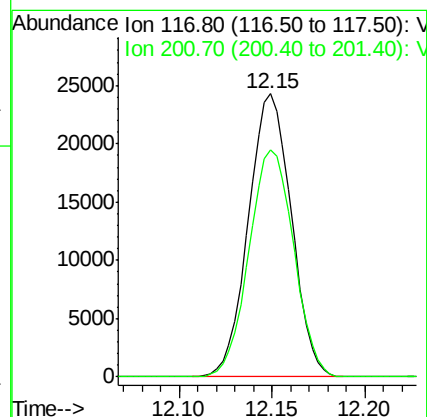
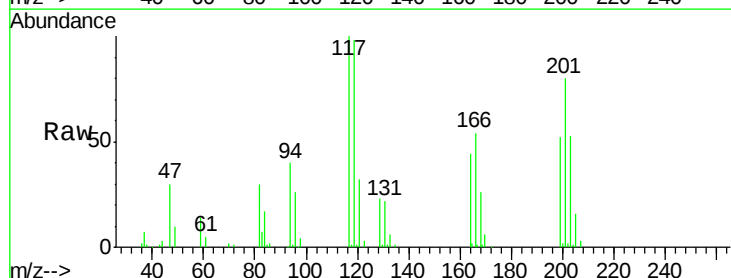
Acq: 21 Jun 2018 12:00

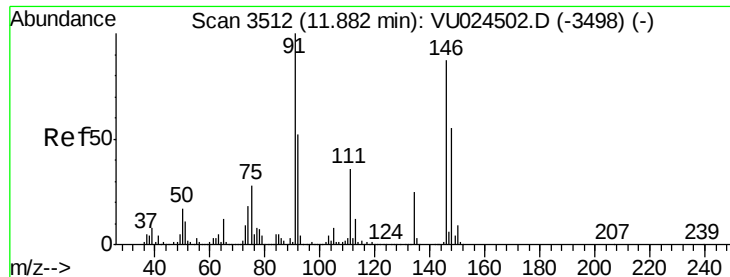
Tgt Ion: 117 Resp: 39032

Ion Ratio Lower Upper

117 100

201 83.4 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 21.64 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

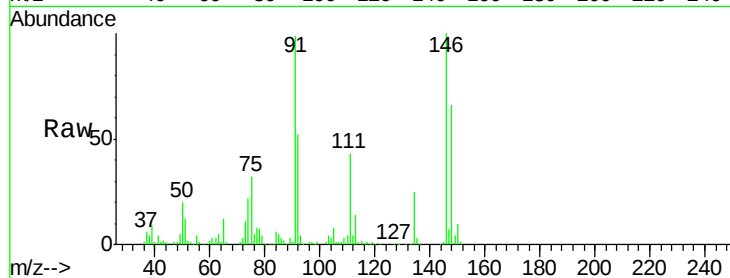
Tot Ion:146 Resp: 113643

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

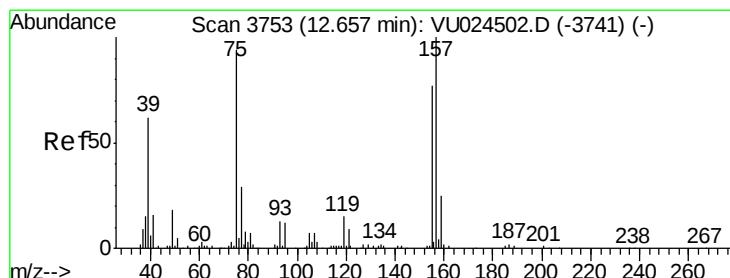
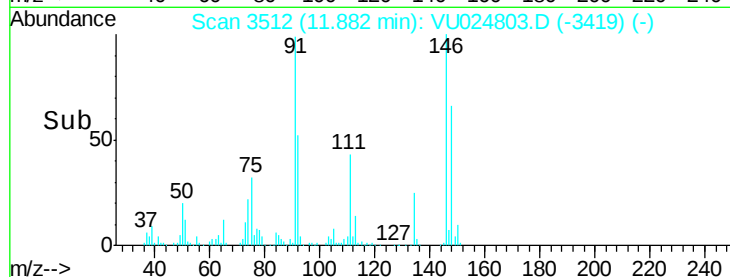
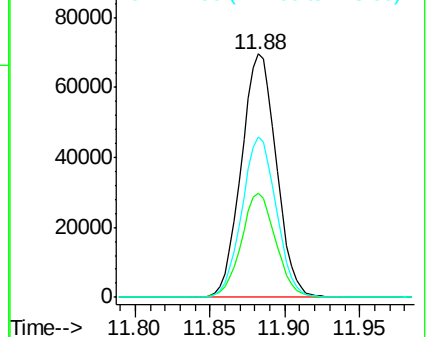
148 64.7 31.9 95.7



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: 20.89 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

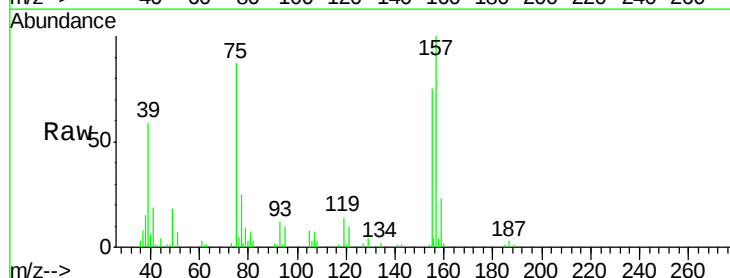
Tgt Ion: 75 Resp: 21655

Ion Ratio Lower Upper

75 100

155 83.1 40.4 121.2

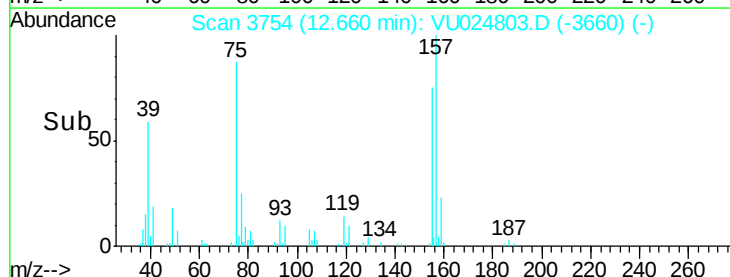
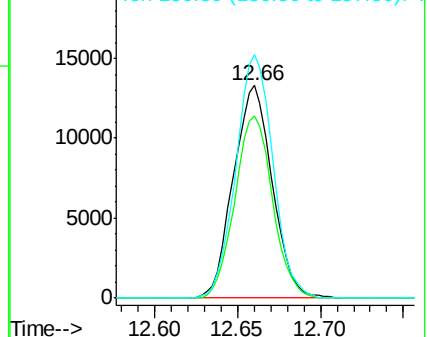
157 109.5 52.3 156.8

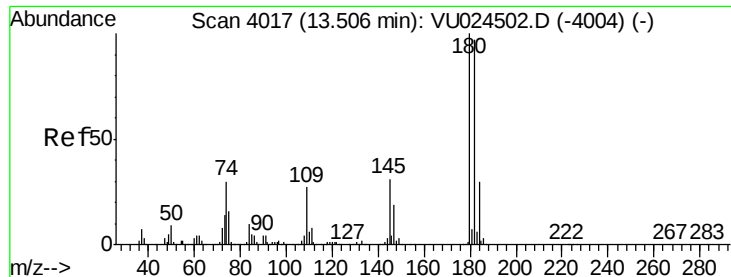


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

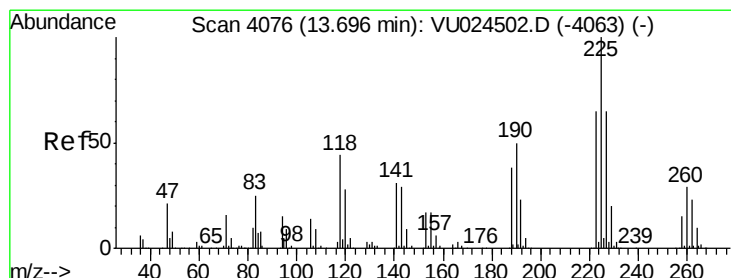
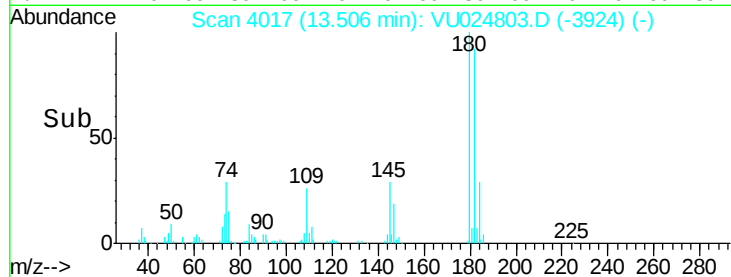
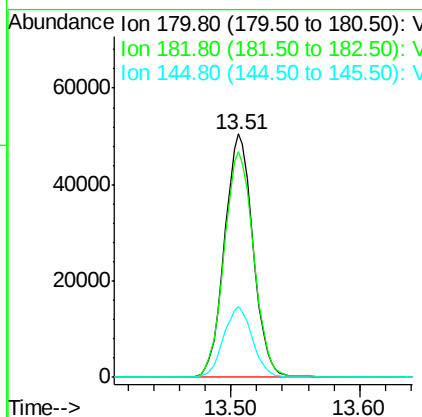
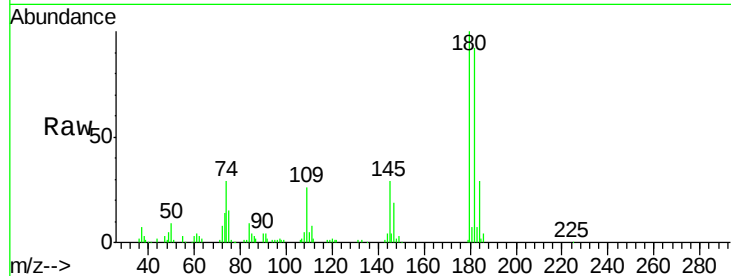




#93
 1,2,4-Trichlorobenzene
 Concen: 23.87 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

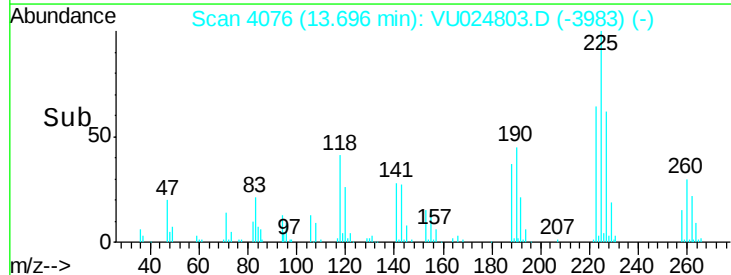
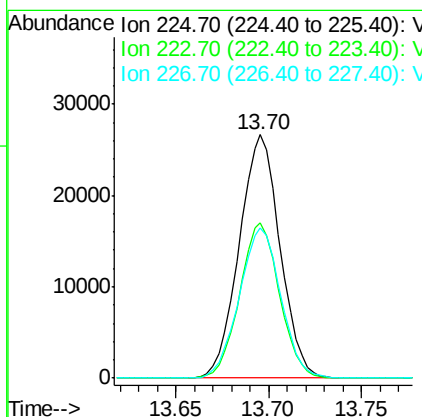
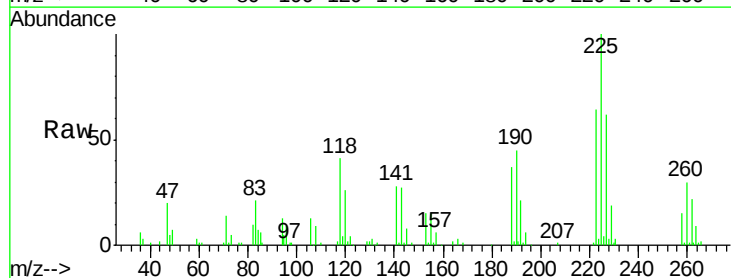
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion:180 Resp: 77439
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 29.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 22.25 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion:225 Resp: 40628
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 62.7 31.8 95.4





#95

Naphthalene

Concen: 24.67 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

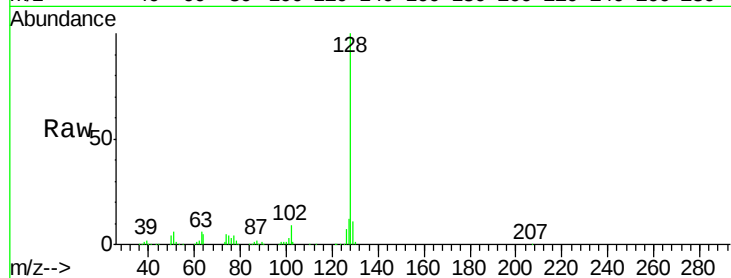
Tot Ion:128 Resp: 261185

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

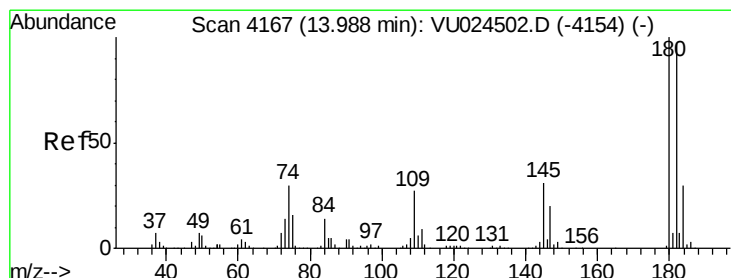
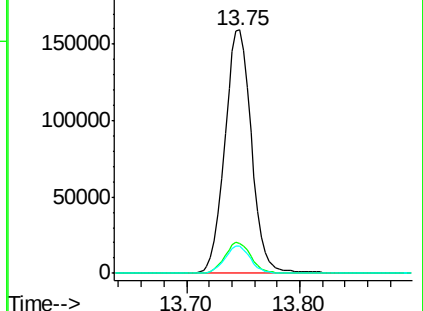
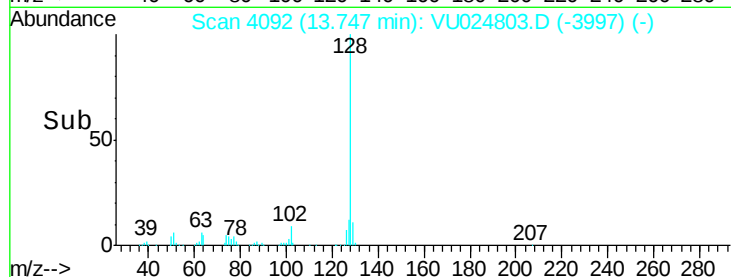
129 10.7 8.6 12.8



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: 25.93 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

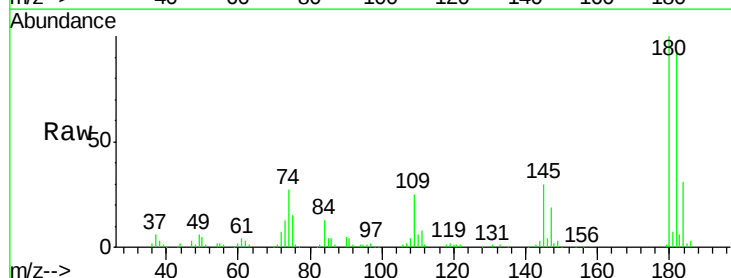
Tgt Ion:180 Resp: 83805

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.6 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

