

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024519.D
 Acq On : 13 Jun 2018 19:41
 Operator : MD/SY
 Sample : VU0613WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Quant Time: Jun 14 02:20:24 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	186907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302076	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	147749	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	4.89	113	123483	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	7.57	98	450646	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	10.31	95	174745	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	43622	18.65	ug/l	100
3) Chloromethane	1.33	50	49266	20.61	ug/l	100
4) Vinyl Chloride	1.41	62	49093	19.92	ug/l	94
5) Bromomethane	1.63	94	25789	21.64	ug/l	99
6) Chloroethane	1.70	64	31039	21.94	ug/l	99
7) Trichlorofluoromethane	1.89	101	73274	19.48	ug/l	98
8) Diethyl Ether	2.11	74	27182	20.11	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43627	18.69	ug/l	97
10) Methyl Iodide	2.41	142	34087	20.72	ug/l	100
11) Tert butyl alcohol	2.82	59	66818	90.04	ug/l	99
12) 1,1-Dichloroethene	2.29	96	41330	19.42	ug/l	92
13) Acrolein	2.20	56	36695	94.16	ug/l	95
14) Allyl chloride	2.60	41	71744	18.16	ug/l	93
15) Acrylonitrile	2.94	53	147870	102.41	ug/l	98
16) Acetone	2.32	43	130336	79.50	ug/l	98
17) Carbon Disulfide	2.48	76	131754	19.33	ug/l	100
18) Methyl Acetate	2.62	43	68293	19.43	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	151691	18.96	ug/l	99
20) Methylene Chloride	2.71	84	49343	19.18	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	45845	19.56	ug/l	95
22) Diisopropyl ether	3.57	45	152024	19.41	ug/l	# 88
23) Vinyl Acetate	3.53	43	706008	100.61	ug/l	98
24) 1,1-Dichloroethane	3.45	63	87068	19.32	ug/l	97
25) 2-Butanone	4.27	43	212501	96.50	ug/l	97
26) 2,2-Dichloropropane	4.24	77	73844	17.26	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	53864	19.99	ug/l	95
28) Bromochloromethane	4.55	49	44134	22.24	ug/l	89
29) Tetrahydrofuran	4.64	42	137459	100.80	ug/l	98
30) Chloroform	4.68	83	87846	19.26	ug/l	98
31) Cyclohexane	5.00	56	81768	19.22	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	81149	19.24	ug/l	96
36) 1,1-Dichloropropene	5.14	75	64516	18.18	ug/l	96
37) Ethyl Acetate	4.38	43	79809	20.63	ug/l	98
38) Carbon Tetrachloride	5.14	117	72523	18.58	ug/l	99

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 Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Jun 14 02:20:24 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	79577	17.96	ug/l	96
40) Benzene	5.40	78	192621	19.04	ug/l	100
41) Methacrylonitrile	4.55	41	42531	20.39	ug/l	97
42) 1,2-Dichloroethane	5.41	62	70564	18.32	ug/l	100
43) Isopropyl Acetate	5.55	43	130264	19.48	ug/l	99
44) Trichloroethene	6.19	130	53482	18.58	ug/l	96
45) 1,2-Dichloropropane	6.44	63	54397	20.16	ug/l	99
46) Dibromomethane	6.56	93	36716	19.37	ug/l	96
47) Bromodichloromethane	6.76	83	71954	19.06	ug/l	99
48) Methyl methacrylate	6.63	41	62385	19.16	ug/l	99
49) 1,4-Dioxane	6.62	88	22217	348.87	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	416263	99.08	ug/l	98
52) Toluene	7.64	92	124083	19.07	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	78151	18.44	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	83702	18.53	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48767	18.44	ug/l	99
56) Ethyl methacrylate	8.02	69	84519	19.09	ug/l	100
57) 1,3-Dichloropropane	8.25	76	85614	19.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	170522	100.54	ug/l	97
59) 2-Hexanone	8.36	43	329255	95.99	ug/l	100
60) Dibromochloromethane	8.48	129	60190	18.25	ug/l	98
61) 1,2-Dibromoethane	8.59	107	54921	18.65	ug/l	100
64) Tetrachloroethene	8.23	164	45961	16.98	ug/l	98
65) Chlorobenzene	9.12	112	138178	19.00	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	52472	18.99	ug/l	99
67) Ethyl Benzene	9.25	91	243975	19.13	ug/l	98
68) m/p-Xylenes	9.38	106	185283	37.84	ug/l	99
69) o-Xylene	9.78	106	91451	18.87	ug/l	97
70) Styrene	9.80	104	151701	19.05	ug/l	99
71) Bromoform	9.96	173	50450	19.21	ug/l #	99
73) Isopropylbenzene	10.17	105	243615	19.10	ug/l	99
74) N-amyl acetate	10.01	43	118284	19.49	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	85519	20.00	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	101794	27.82	ug/l	82
77) Bromobenzene	10.46	156	61555	19.06	ug/l	97
78) n-propylbenzene	10.59	91	290325	19.32	ug/l	97
79) 2-Chlorotoluene	10.66	91	168970	19.07	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	208861	18.89	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.50	75	101794	64.40	ug/l #	100
82) 4-Chlorotoluene	10.78	91	197099	19.11	ug/l	98
83) tert-Butylbenzene	11.10	119	207677	19.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	214797	19.06	ug/l	100
85) sec-Butylbenzene	11.33	105	255162	19.16	ug/l	98
86) p-Isopropyltoluene	11.48	119	224955	18.86	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	111585	18.70	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	113910	18.97	ug/l	98
89) n-Butylbenzene	11.89	91	204752	19.34	ug/l	98
90) Hexachloroethane	12.15	117	44986	19.34	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	112857	18.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23138	19.61	ug/l	91

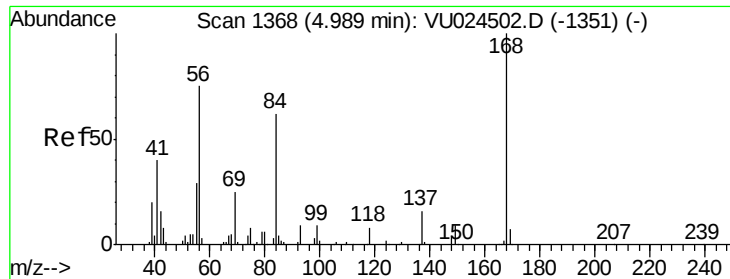
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
Data File : VU024519.D
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Quant Time: Jun 14 02:20:24 2018
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	73791	19.99	ug/l	99
94) Hexachlorobutadiene	13.70	225	38773	18.66	ug/l	98
95) Naphthalene	13.75	128	230711	19.30	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76324	20.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

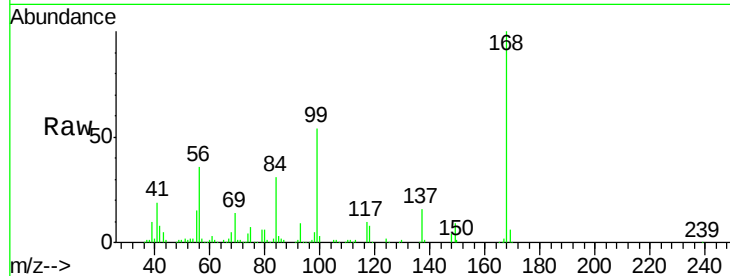
VU0613WBSD01

Tgt Ion:168 Resp: 186907

Ion Ratio Lower Upper

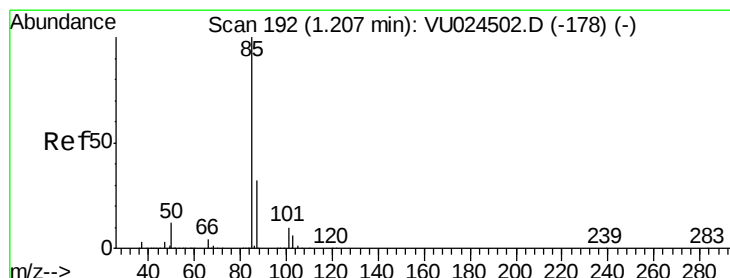
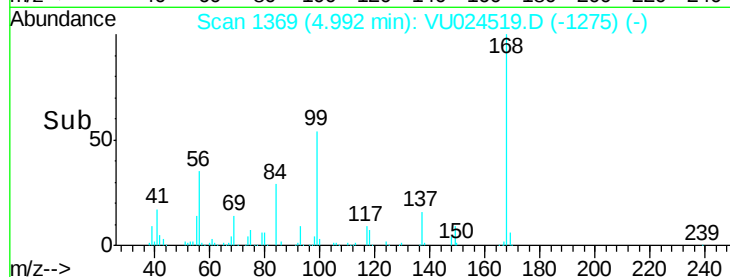
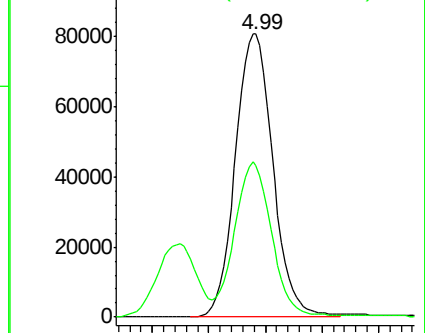
168 100

99 53.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024519.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024519.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 18.65 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024519.D

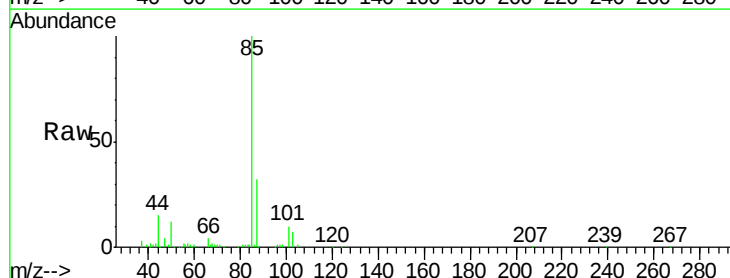
Acq: 13 Jun 2018 19:41

Tgt Ion: 85 Resp: 43622

Ion Ratio Lower Upper

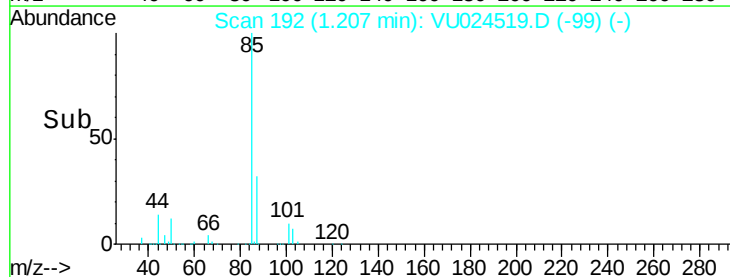
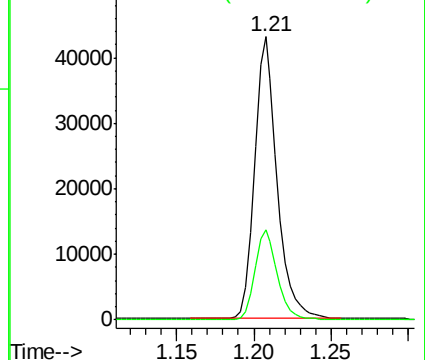
85 100

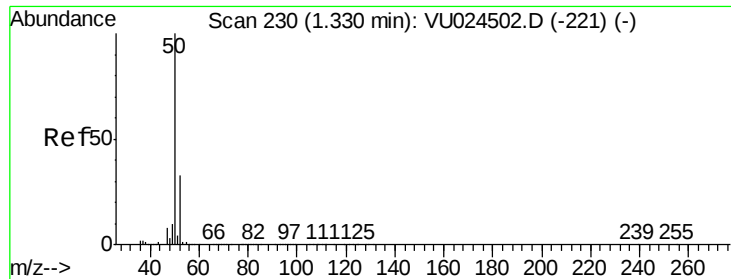
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024519.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU024519.D (-99) (-)





#3

Chloromethane

Concen: 20.61 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

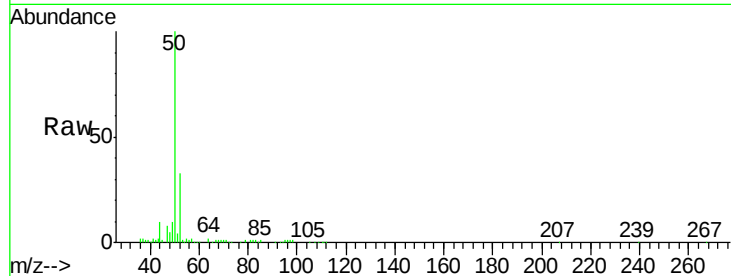
VU0613WBSD01

Tgt Ion: 50 Resp: 49266

Ion Ratio Lower Upper

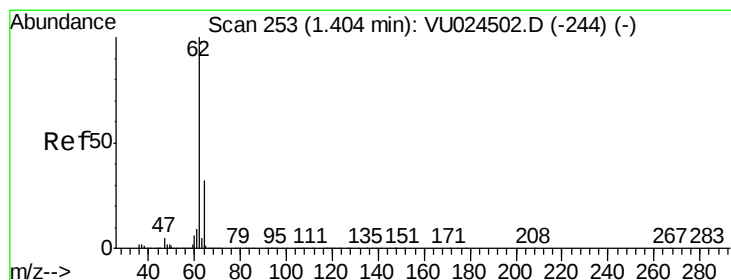
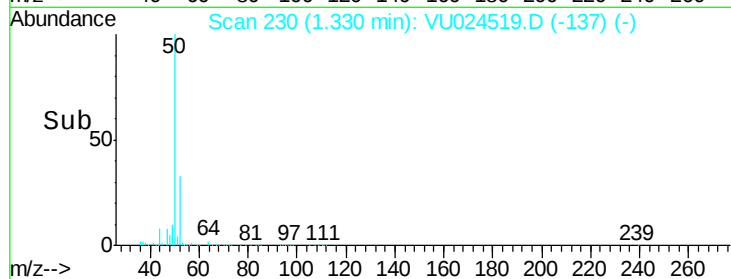
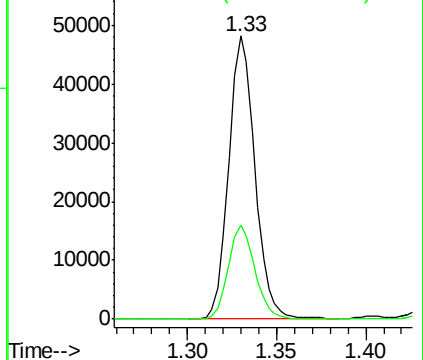
50 100

52 33.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.92 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024519.D

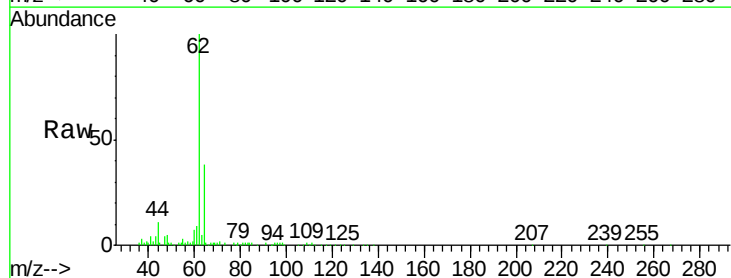
Acq: 13 Jun 2018 19:41

Tgt Ion: 62 Resp: 49093

Ion Ratio Lower Upper

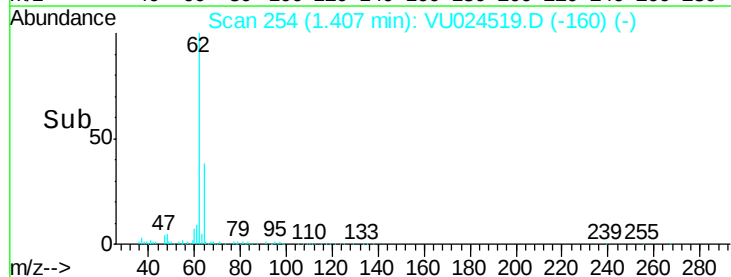
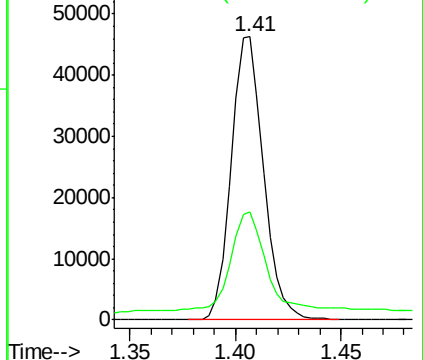
62 100

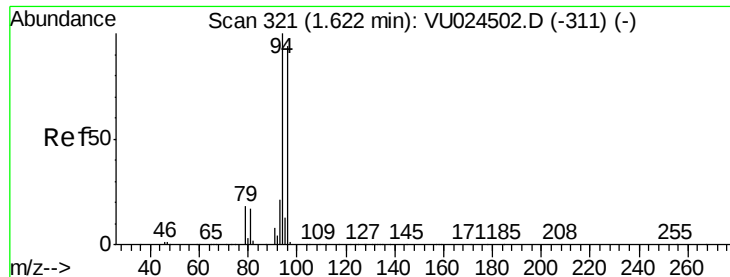
64 34.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 21.64 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

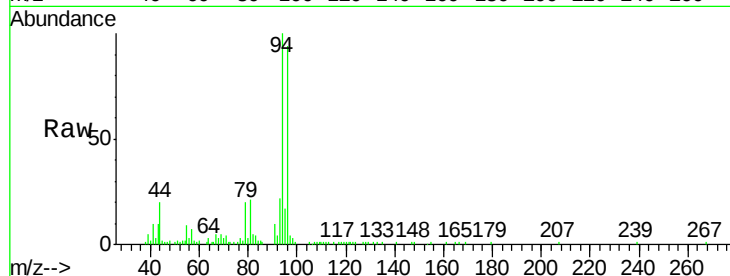
VU0613WBSD01

Tgt Ion: 94 Resp: 25789

Ion Ratio Lower Upper

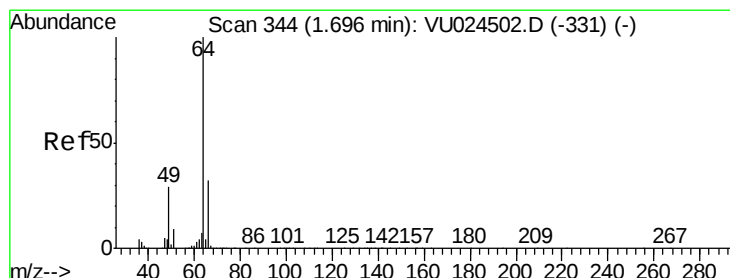
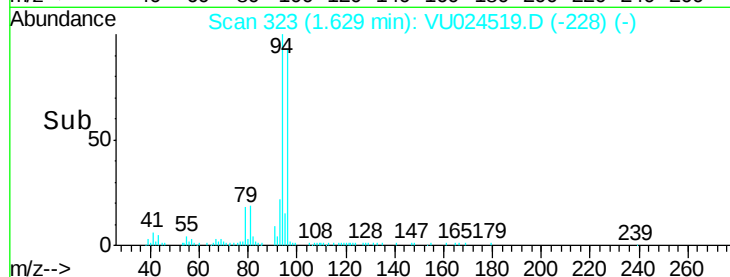
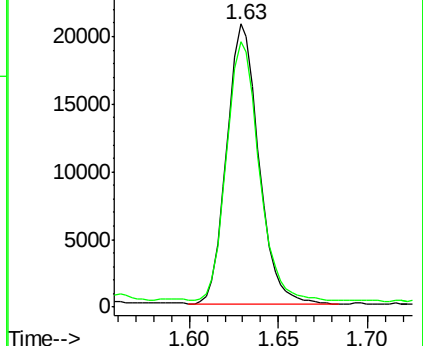
94 100

96 92.5 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: 21.94 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU024519.D

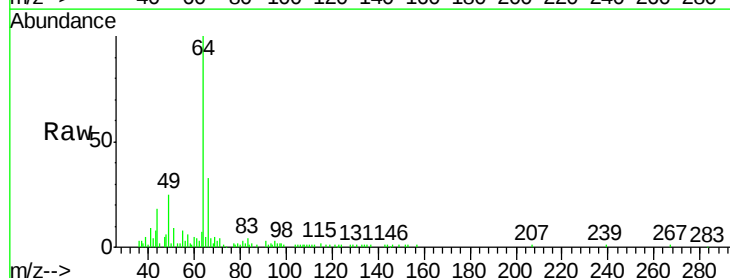
Acq: 13 Jun 2018 19:41

Tgt Ion: 64 Resp: 31039

Ion Ratio Lower Upper

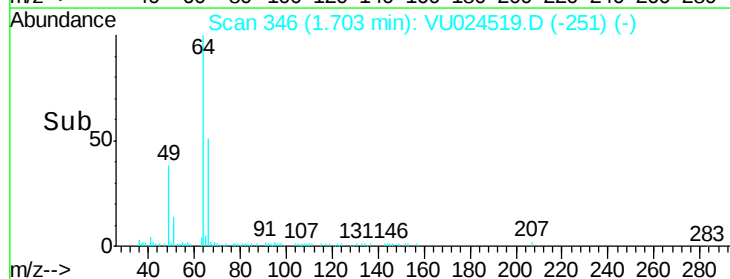
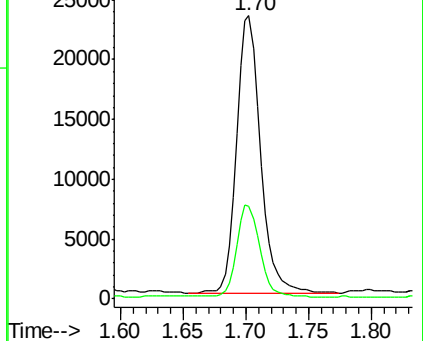
64 100

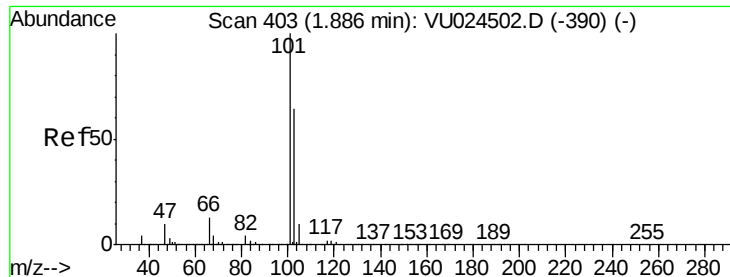
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



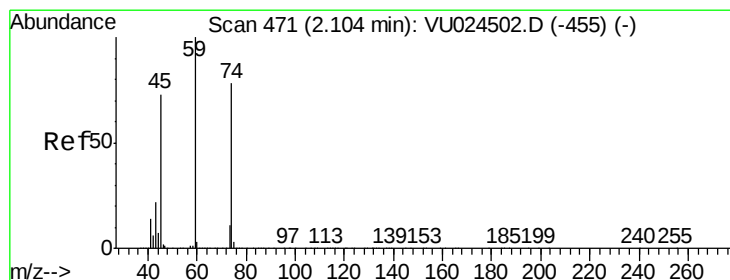
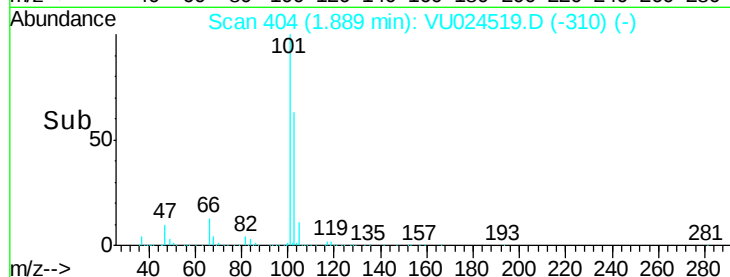
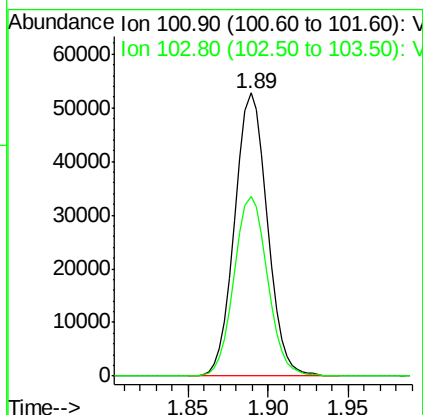
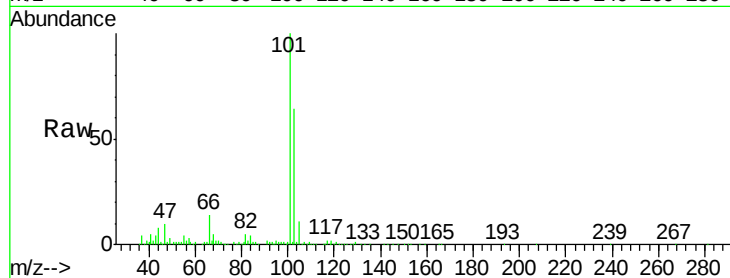


#7

Trichlorofluoromethane
Concen: 19.48 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

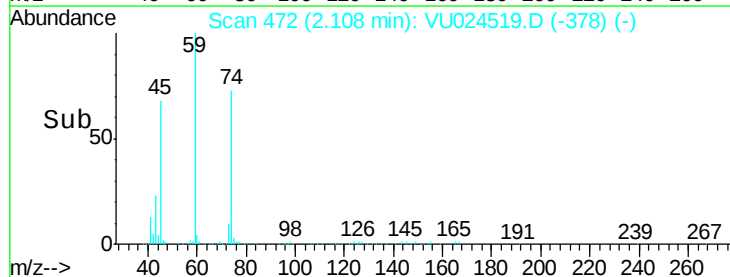
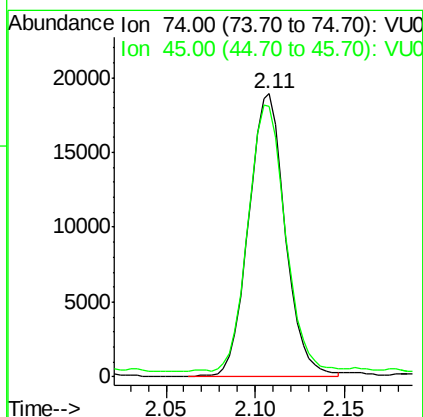
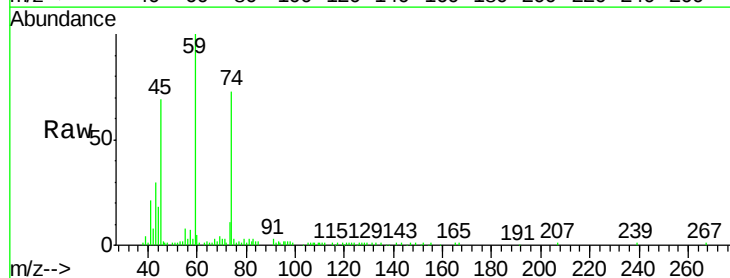
Tgt Ion:101 Resp: 73274
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

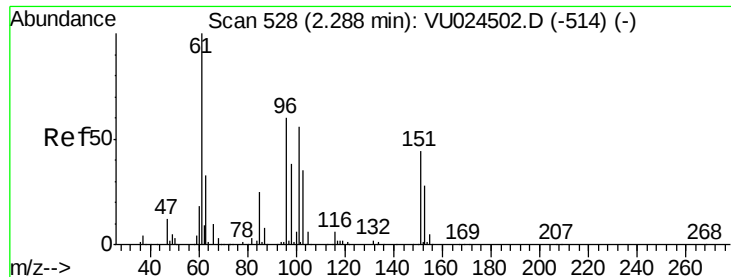


#8

Diethyl Ether
Concen: 20.11 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 74 Resp: 27182
Ion Ratio Lower Upper
74 100
45 94.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.69 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

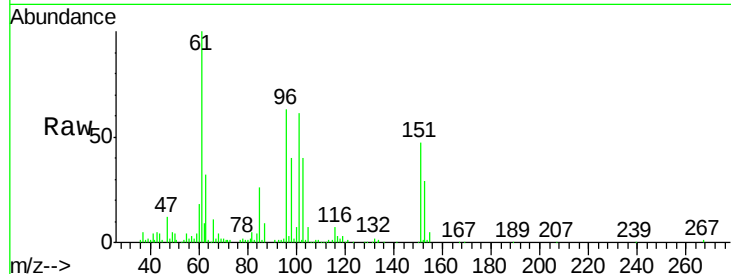
Tgt Ion:101 Resp: 43627

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

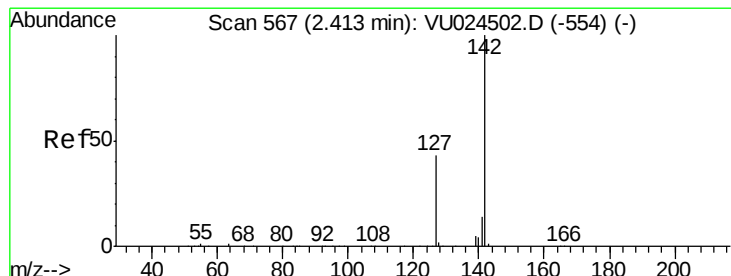
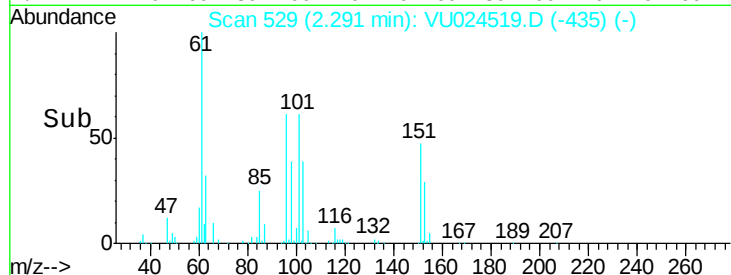
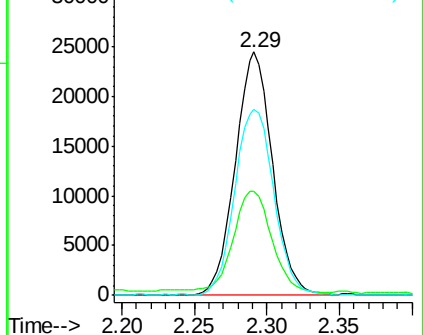
151 80.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.72 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

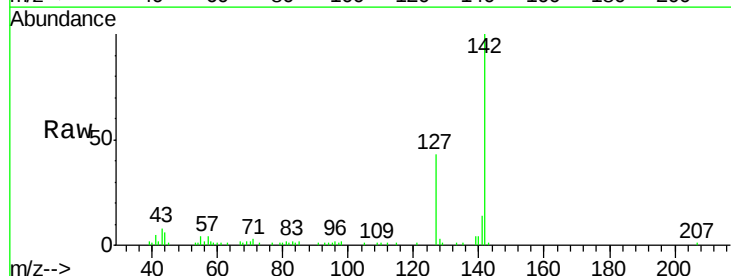
Tgt Ion:142 Resp: 34087

Ion Ratio Lower Upper

142 100

127 44.3 35.6 53.4

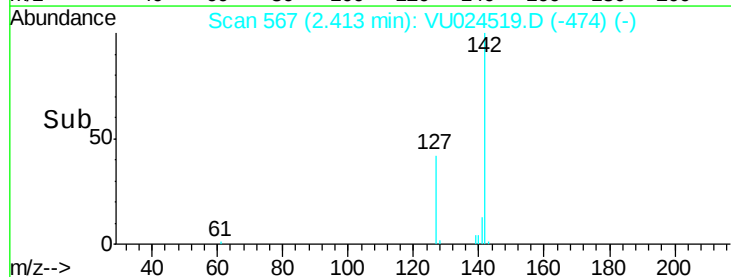
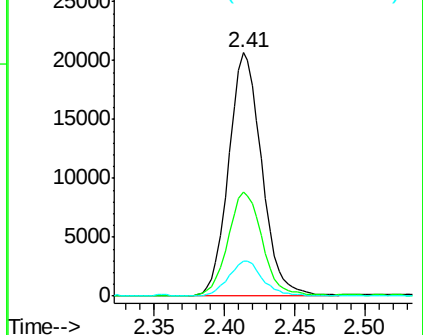
141 14.7 11.7 17.5

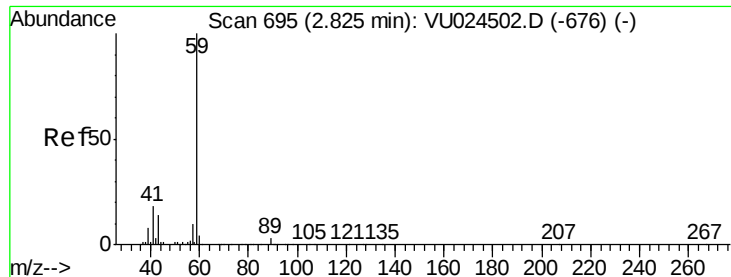


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



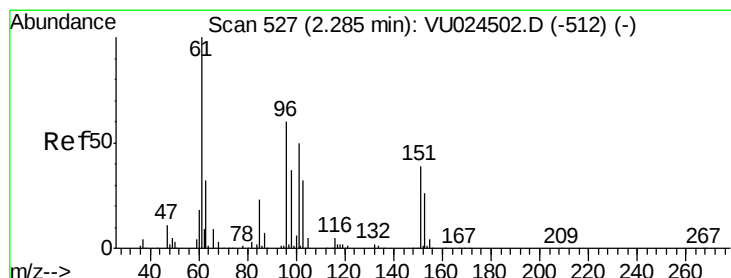
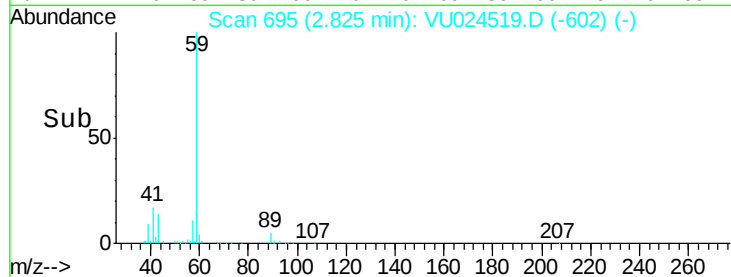
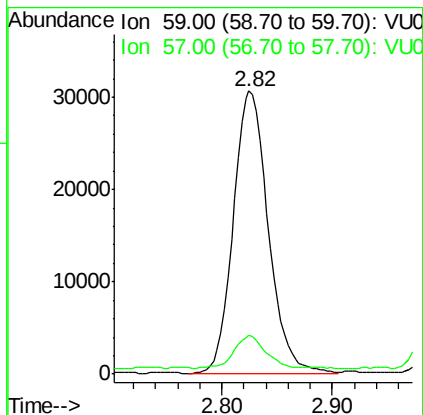
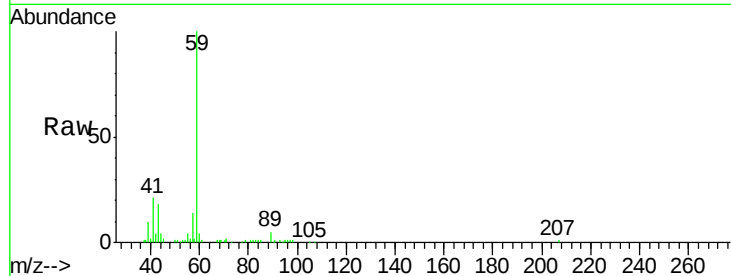


#11

Tert butyl alcohol
 Concen: 90.04 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

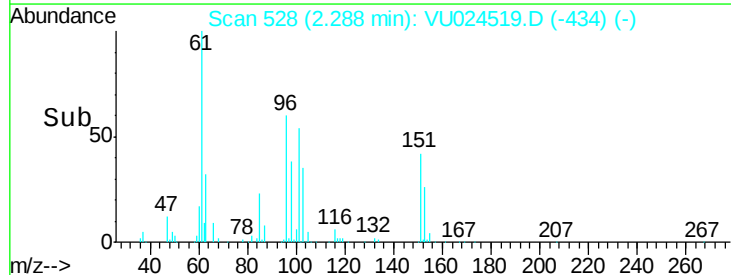
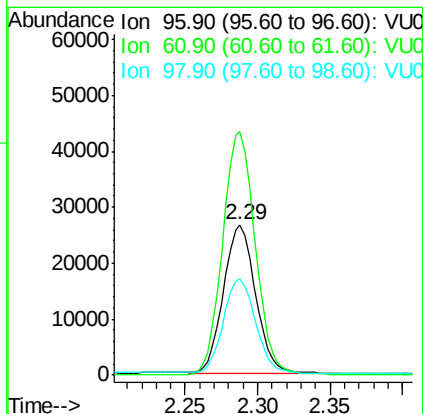
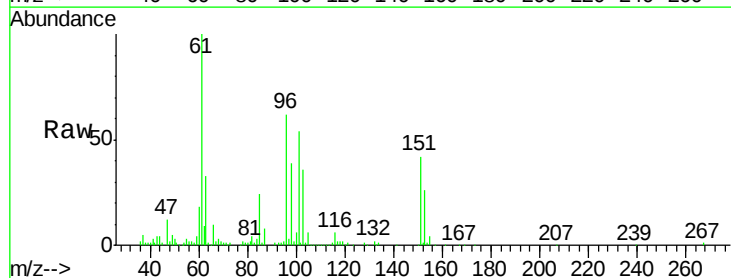
Tgt Ion: 59 Resp: 66818
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

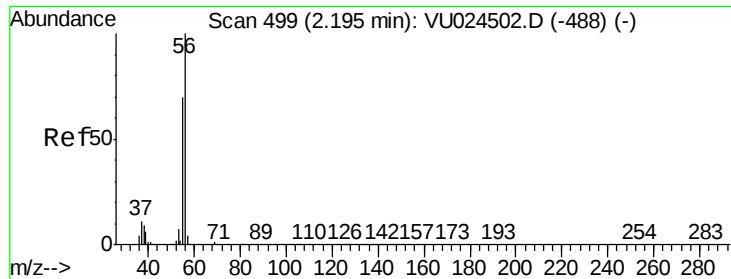


#12

1,1-Dichloroethene
 Concen: 19.42 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 96 Resp: 41330
 Ion Ratio Lower Upper
 96 100
 61 162.9 141.7 212.5
 98 63.7 51.6 77.4





#13

Acrolein

Concen: 94.16 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

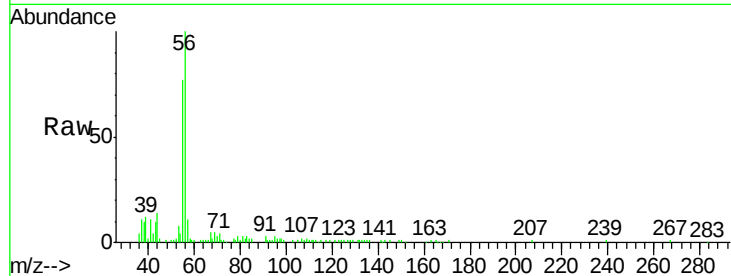
VU0613WBSD01

Tgt Ion: 56 Resp: 36695

Ion Ratio Lower Upper

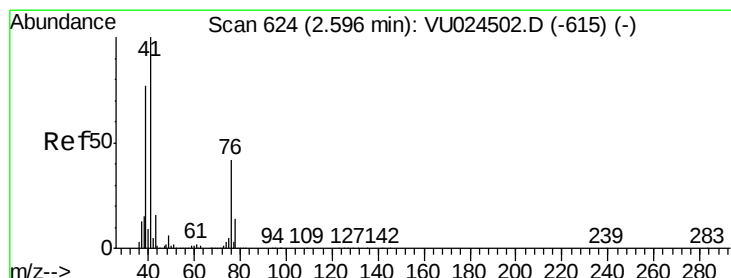
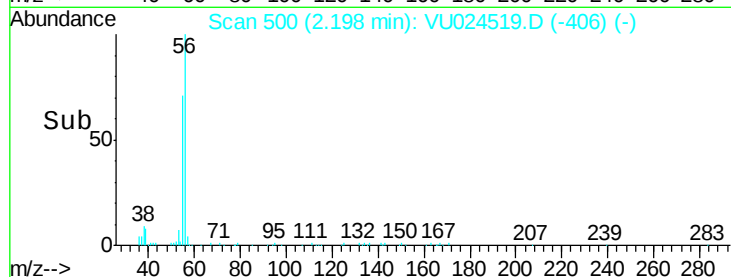
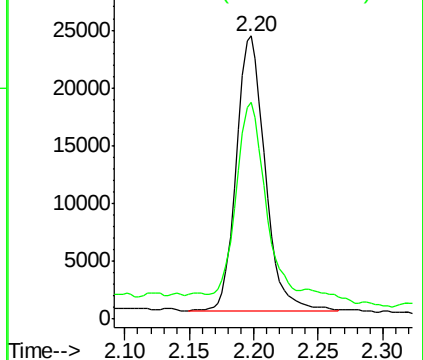
56 100

55 68.6 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 18.16 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

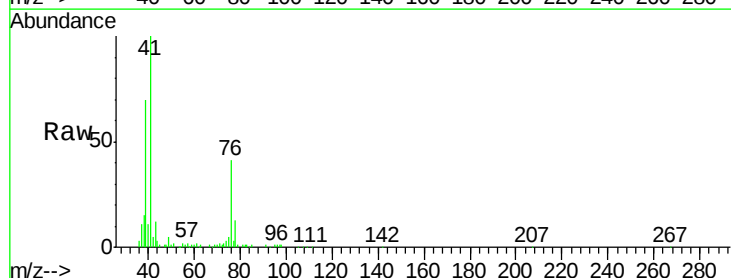
Tgt Ion: 41 Resp: 71744

Ion Ratio Lower Upper

41 100

39 70.1 61.6 92.4

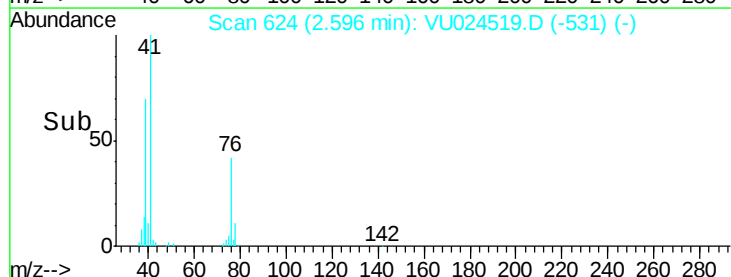
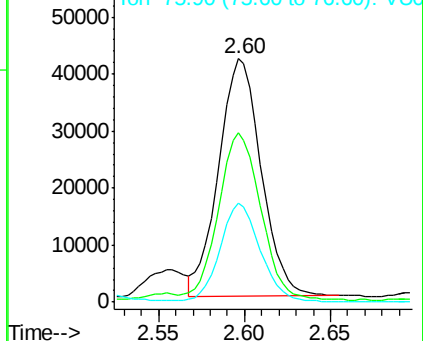
76 39.7 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 102.41 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

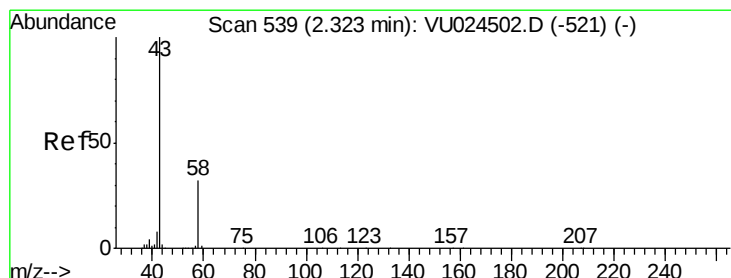
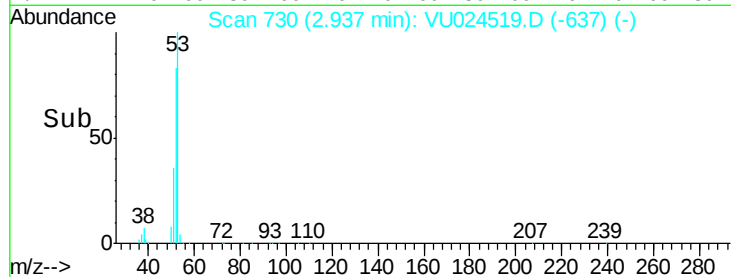
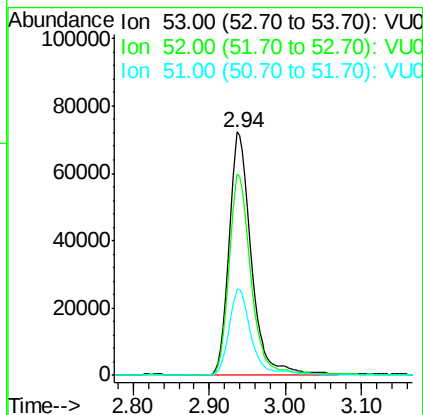
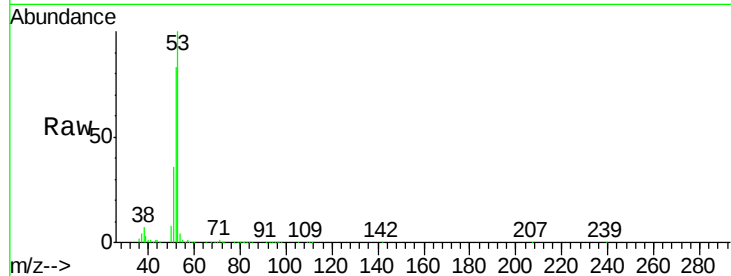
Tgt Ion: 53 Resp: 147870

Ion Ratio Lower Upper

53 100

52 82.0 67.1 100.7

51 34.5 28.4 42.6



#16

Acetone

Concen: 79.50 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024519.D

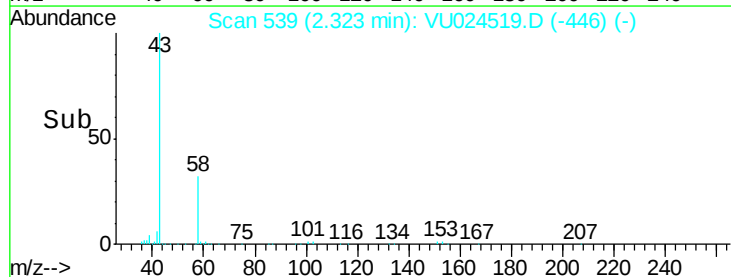
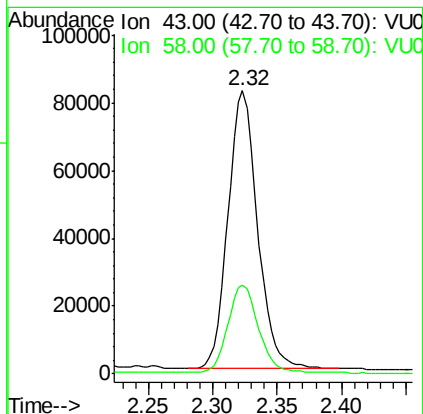
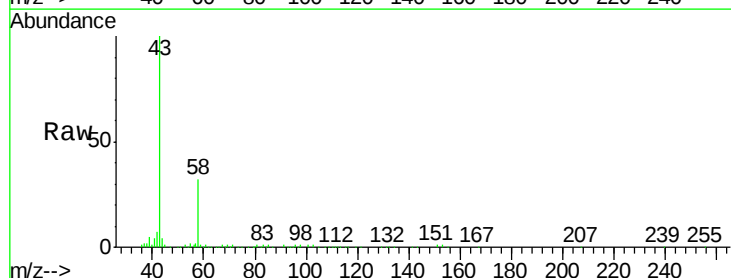
Acq: 13 Jun 2018 19:41

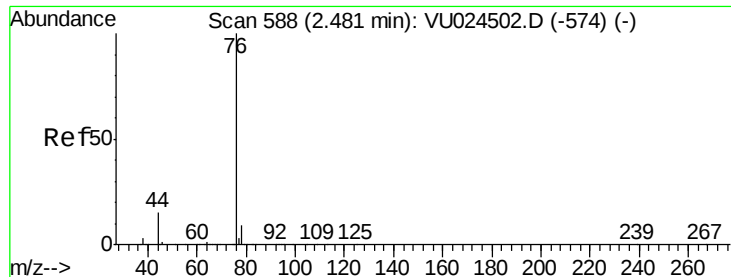
Tgt Ion: 43 Resp: 130336

Ion Ratio Lower Upper

43 100

58 31.6 24.4 36.6

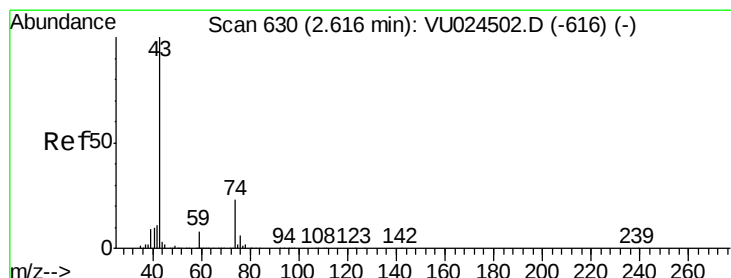
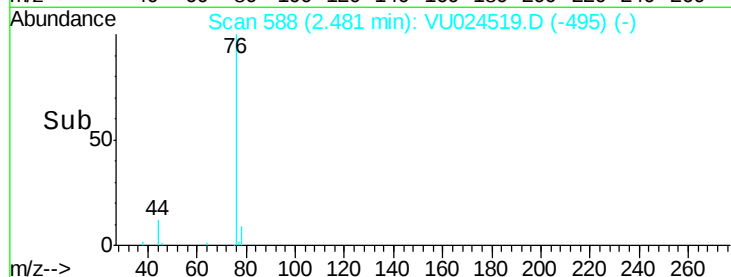
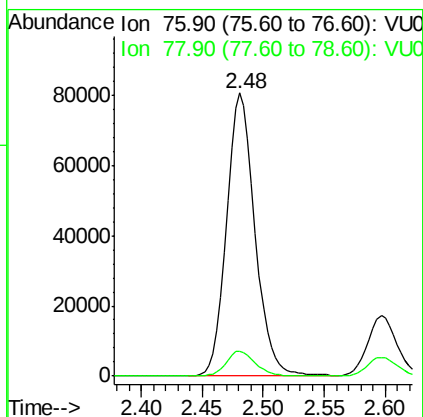
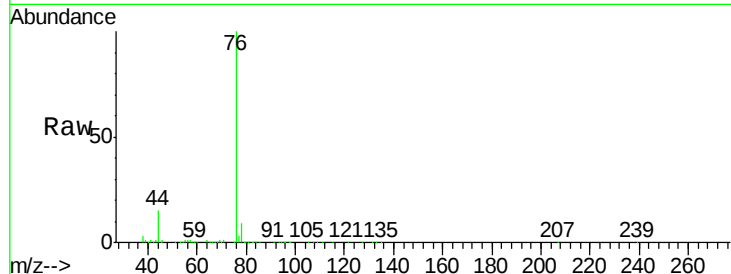




#17
Carbon Disulfide
Concen: 19.33 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

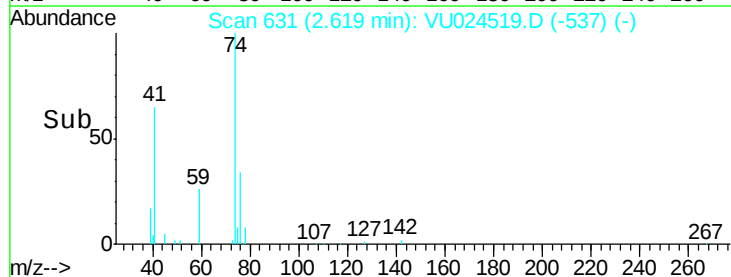
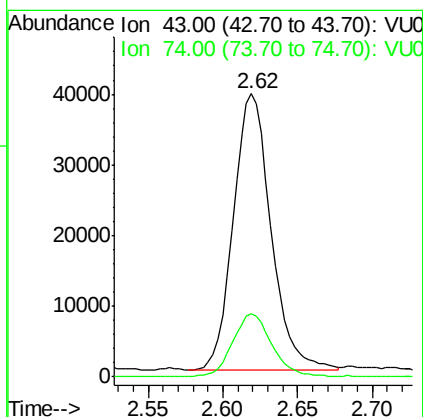
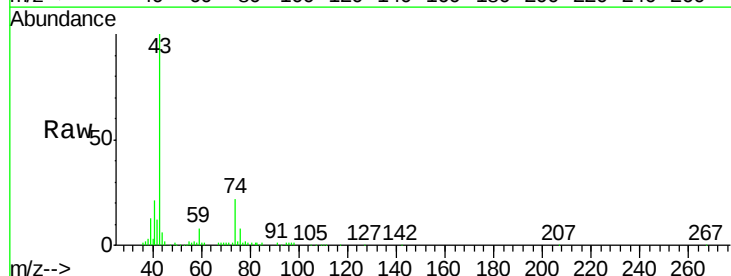
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

Tgt Ion: 76 Resp: 131754
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.43 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 43 Resp: 68293
Ion Ratio Lower Upper
43 100
74 23.9 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 18.96 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

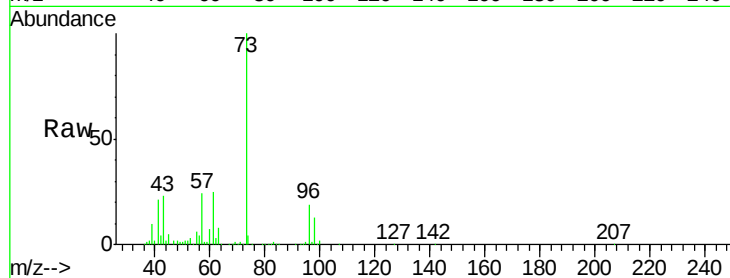
VU0613WBSD01

Tgt Ion: 73 Resp: 151691

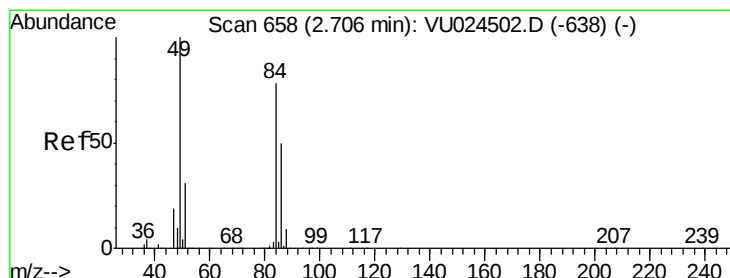
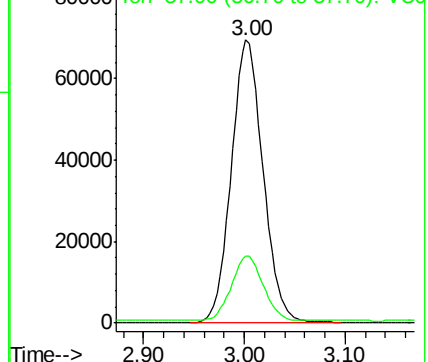
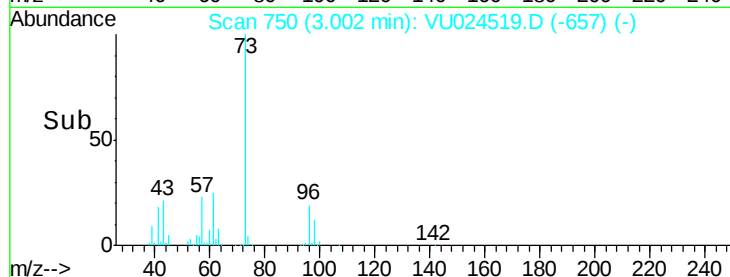
Ion Ratio Lower Upper

73 100

57 23.0 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024519.D (-657) (-)



#20

Methylene Chloride

Concen: 19.18 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Tgt Ion: 84 Resp: 49343

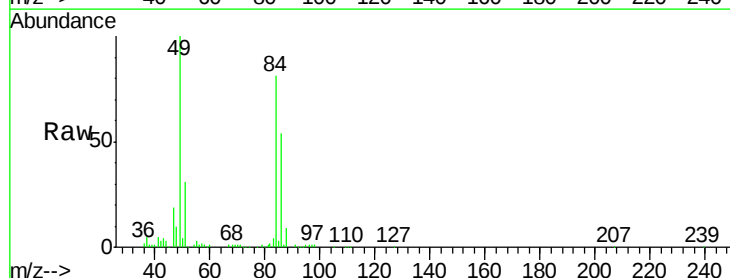
Ion Ratio Lower Upper

84 100

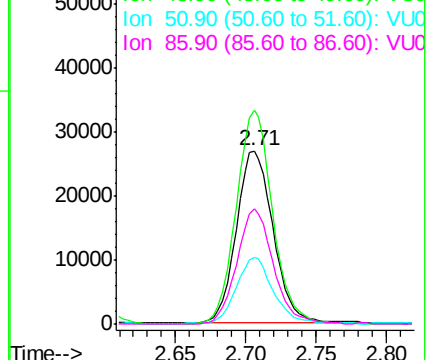
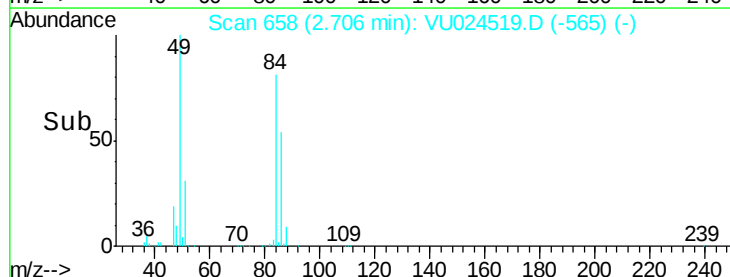
49 123.8 103.8 155.8

51 38.5 32.0 48.0

86 66.5 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024519.D (-565) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

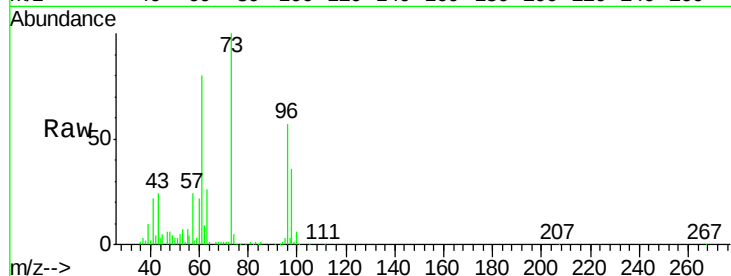
Tgt Ion: 96 Resp: 45845

Ion Ratio Lower Upper

96 100

61 141.6 119.4 179.0

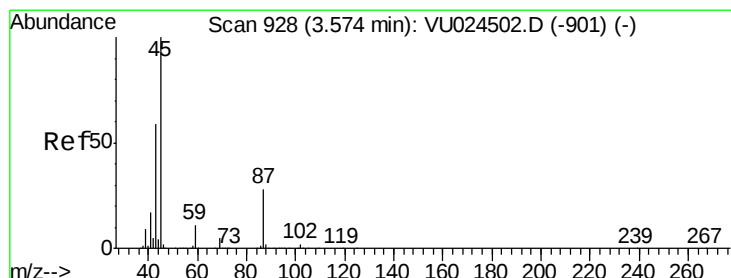
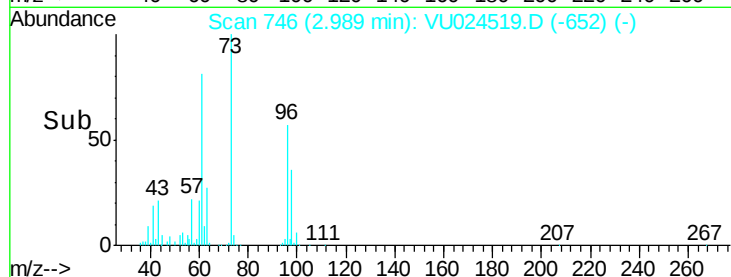
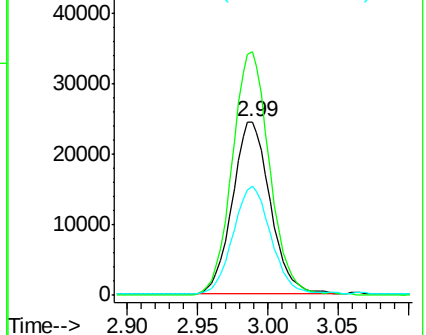
98 62.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024519.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024519.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024519.D (-652) (-)



#22

Diisopropyl ether

Concen: 19.41 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Tgt Ion: 45 Resp: 152024

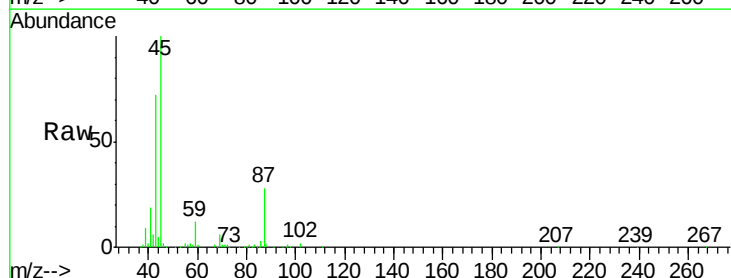
Ion Ratio Lower Upper

45 100

43 70.3 45.8 68.6#

87 27.5 20.6 31.0

59 11.1 9.4 14.0

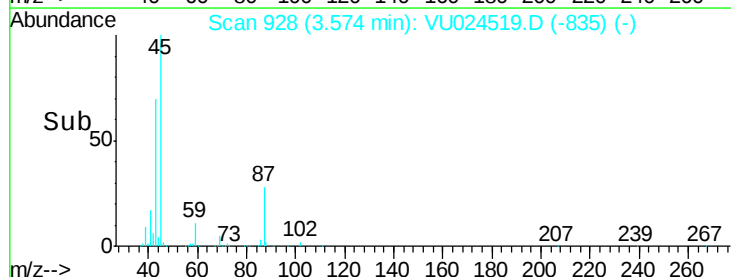
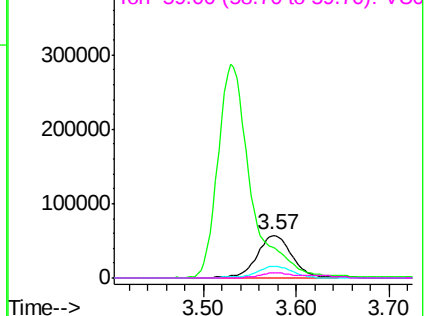


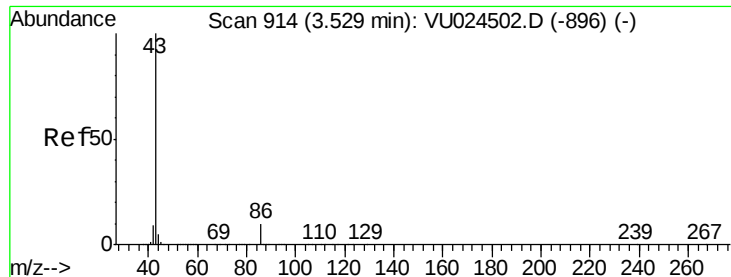
Abundance Ion 45.00 (44.70 to 45.70): VU024519.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024519.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024519.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024519.D (-835) (-)





#23

Vinyl Acetate

Concen: 100.61 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

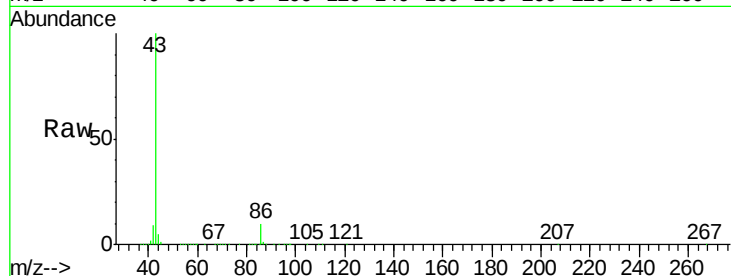
VU0613WBSD01

Tgt Ion: 43 Resp: 706008

Ion Ratio Lower Upper

43 100

86 10.4 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

300000

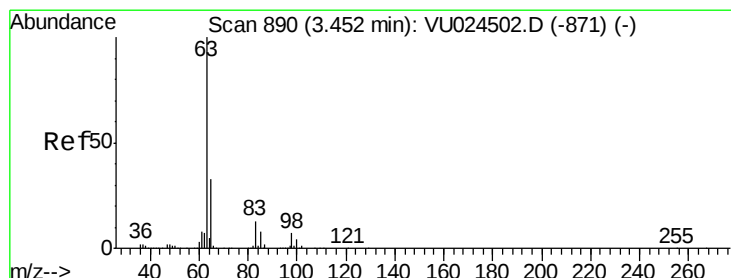
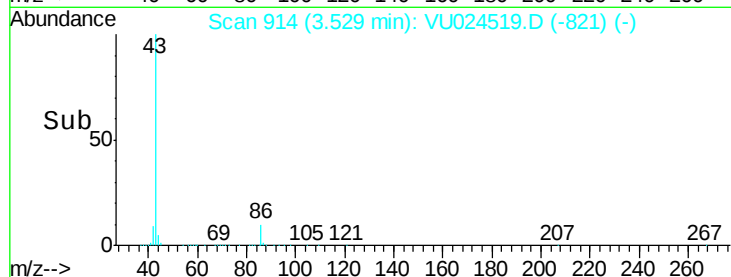
200000

100000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 19.32 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

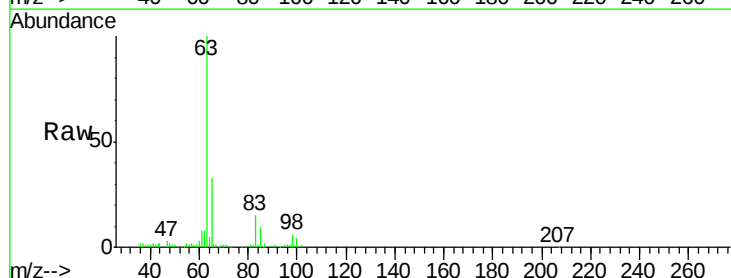
Tgt Ion: 63 Resp: 87068

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

50000

40000

30000

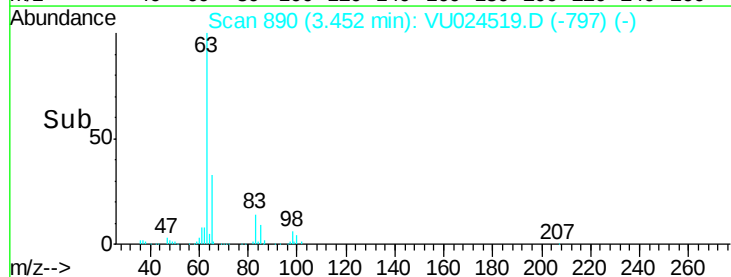
20000

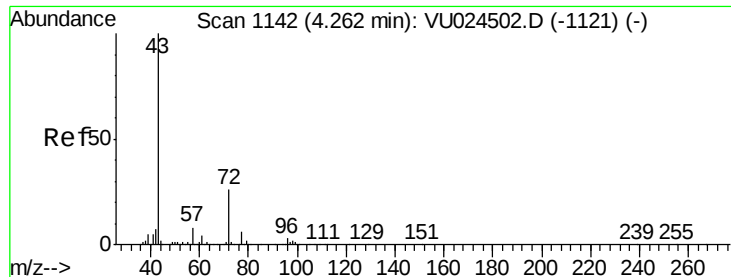
10000

0

Time-->

3.40 3.50

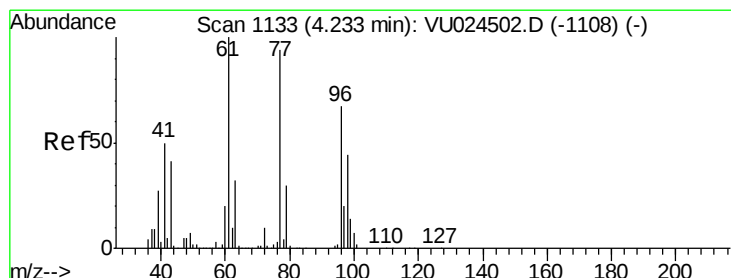
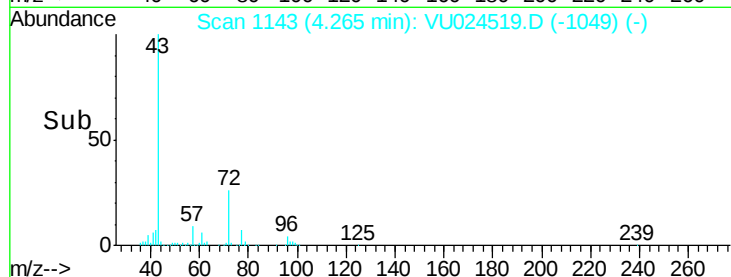
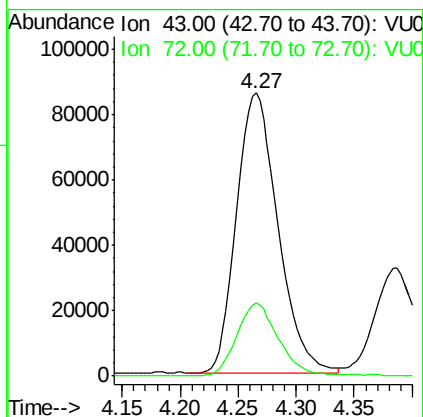
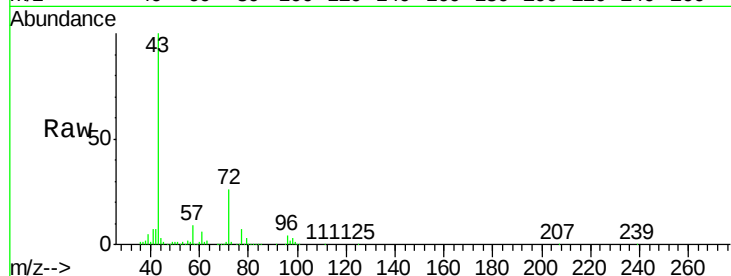




#25
2-Butanone
Concen: 96.50 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

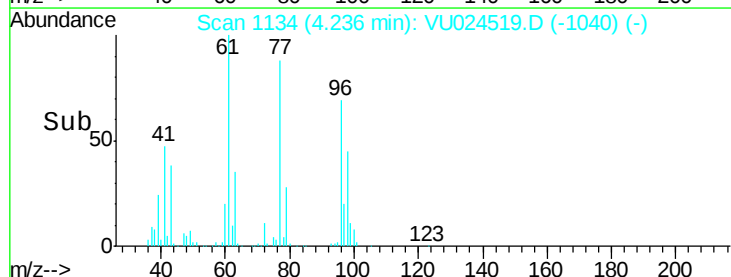
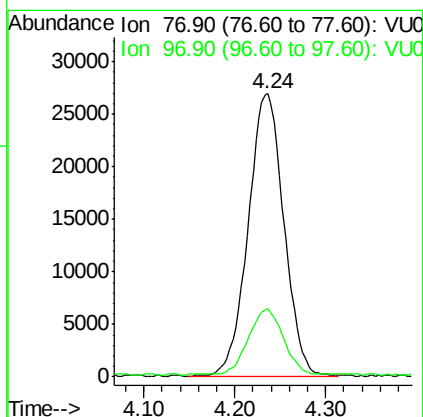
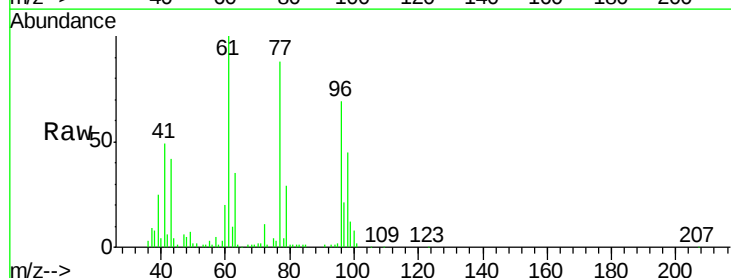
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

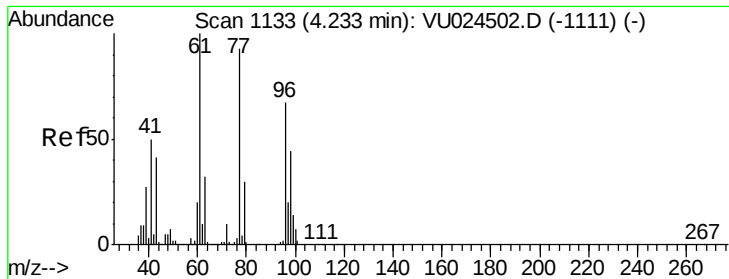
Tgt Ion: 43 Resp: 212501
Ion Ratio Lower Upper
43 100
72 26.1 19.6 29.4



#26
2,2-Dichloropropane
Concen: 17.26 ug/l
RT: 4.24 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 77 Resp: 73844
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.99 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

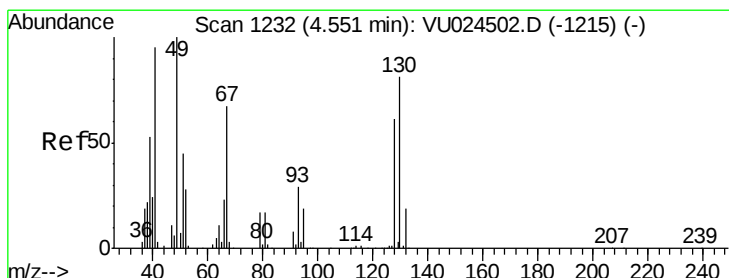
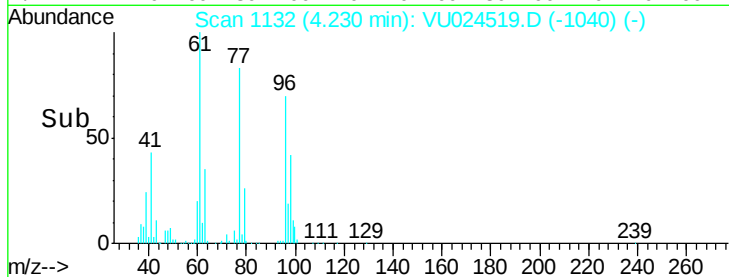
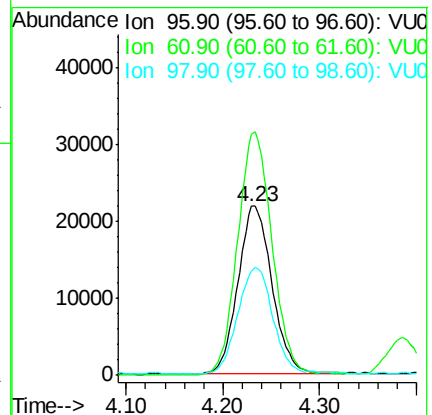
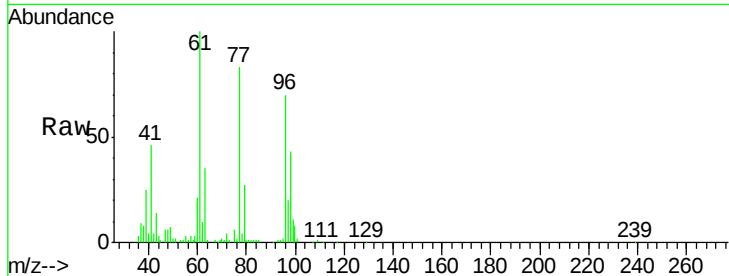
Tgt Ion: 96 Resp: 53864

Ion Ratio Lower Upper

96 100

61 145.4 0.0 306.6

98 63.8 0.0 128.8



#28

Bromochloromethane

Concen: 22.24 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

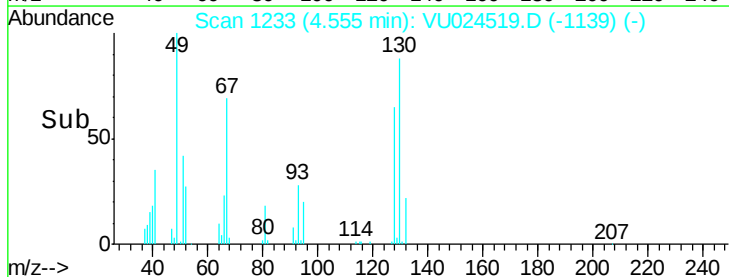
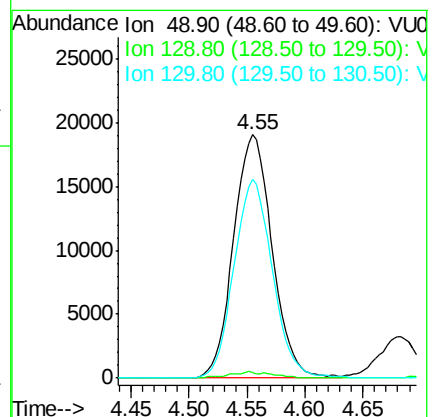
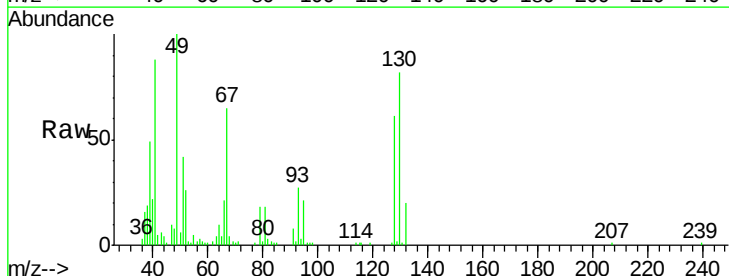
Tgt Ion: 49 Resp: 44134

Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.8

130 81.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 100.80 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

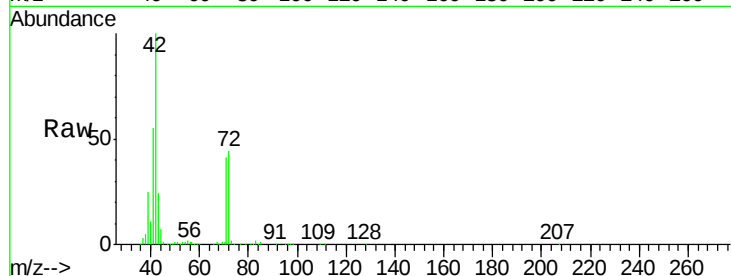
Tgt Ion: 42 Resp: 137459

Ion Ratio Lower Upper

42 100

72 44.8 34.5 51.7

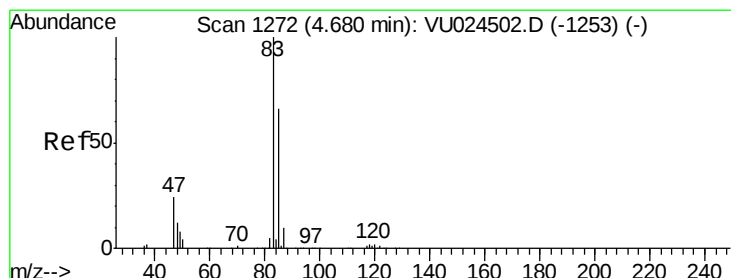
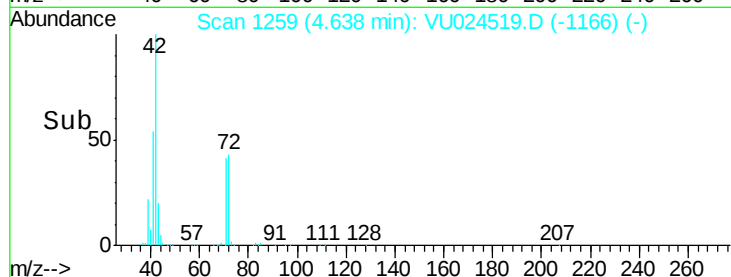
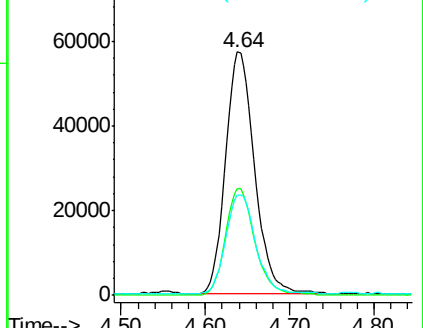
71 41.5 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 19.26 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024519.D

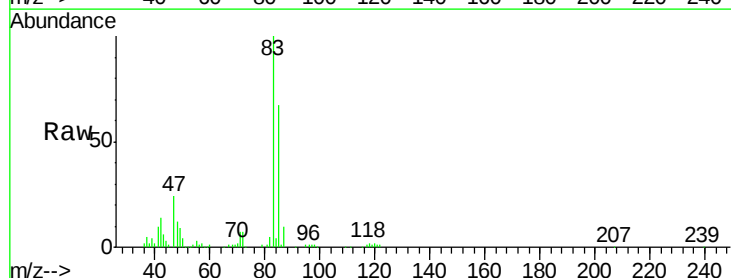
Acq: 13 Jun 2018 19:41

Tgt Ion: 83 Resp: 87846

Ion Ratio Lower Upper

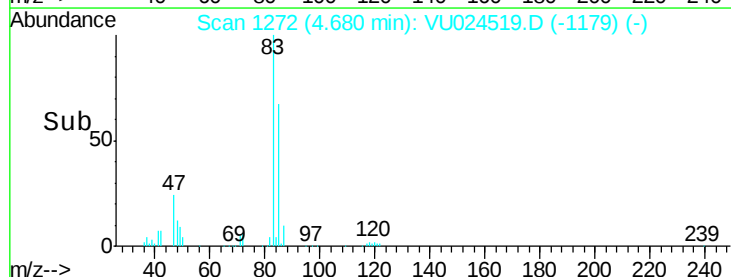
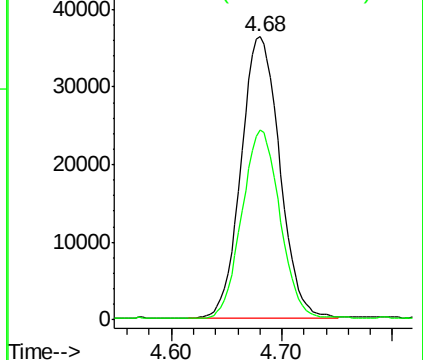
83 100

85 66.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.22 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

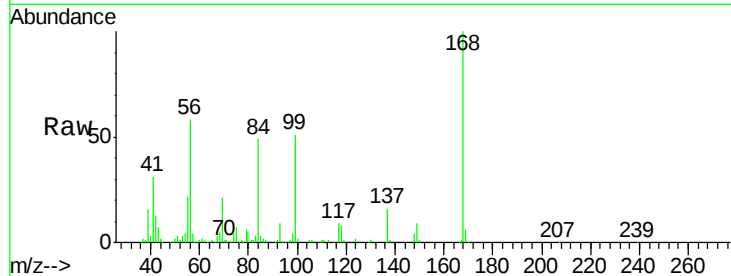
Tgt Ion: 56 Resp: 81768

Ion Ratio Lower Upper

56 100

69 35.3 24.8 37.2

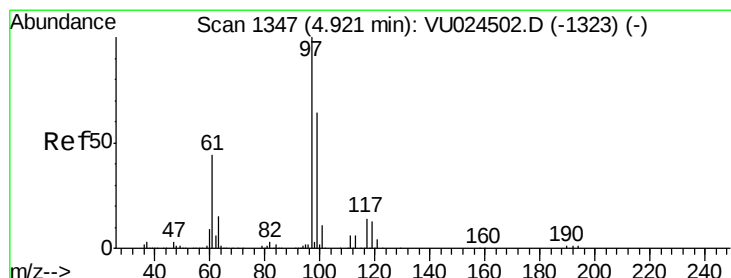
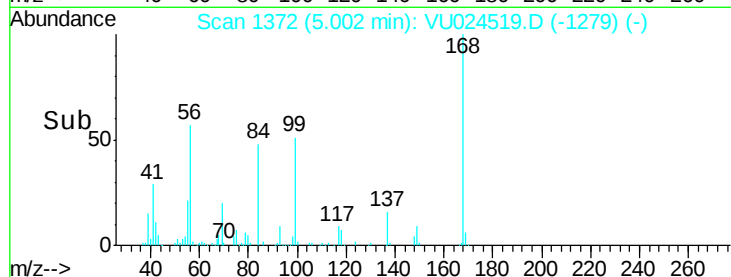
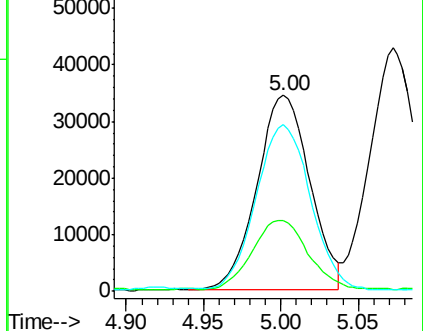
84 84.3 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.24 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

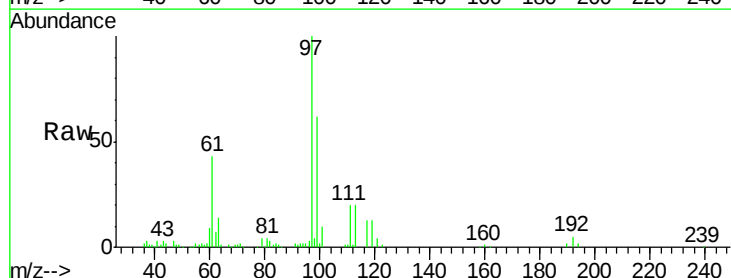
Tgt Ion: 97 Resp: 81149

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.6

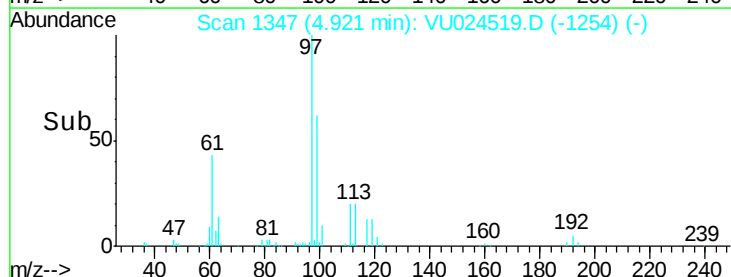
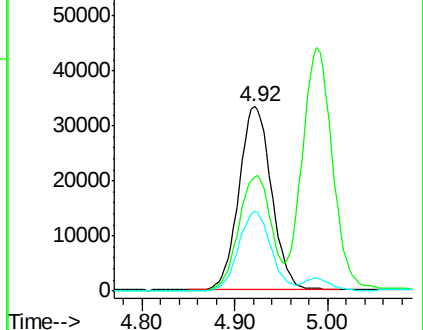
61 43.5 39.4 59.0

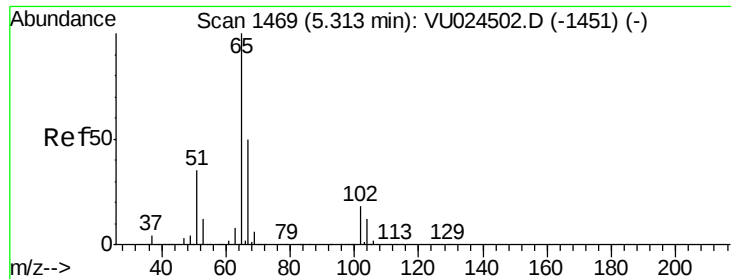


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

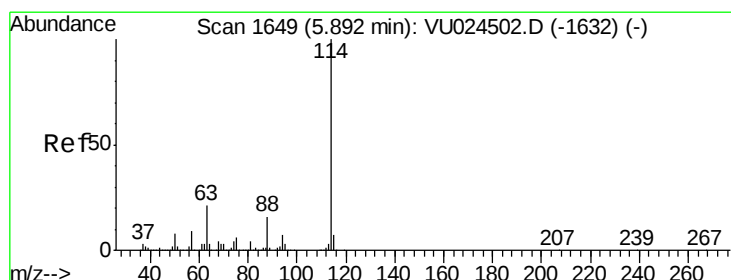
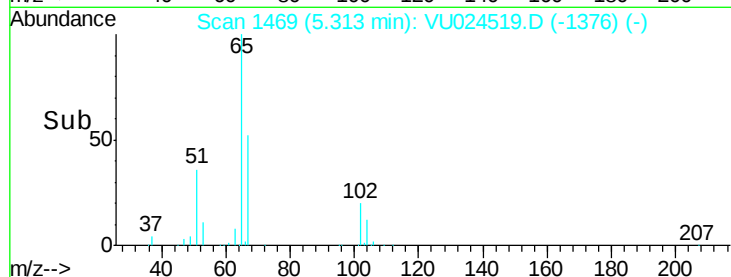
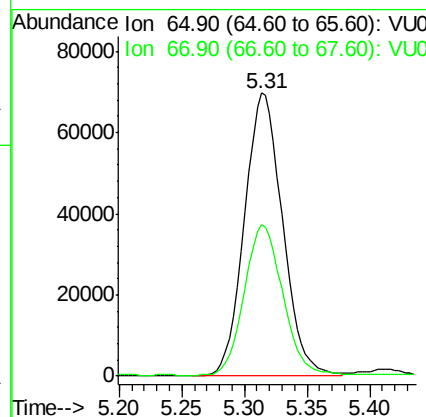
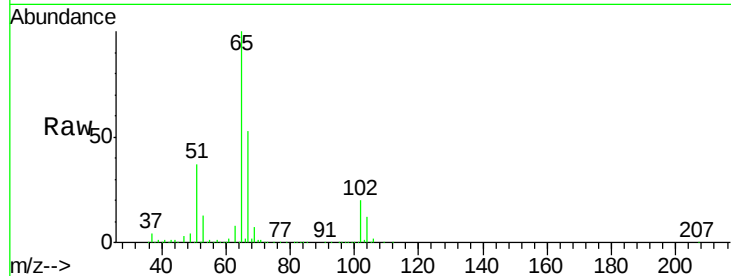




#33
 1,2-Dichloroethane-d4
 Concen: 48.42 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

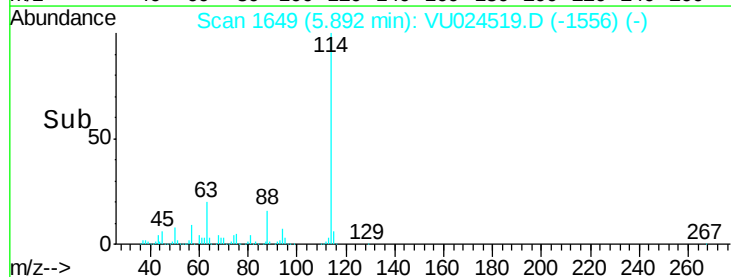
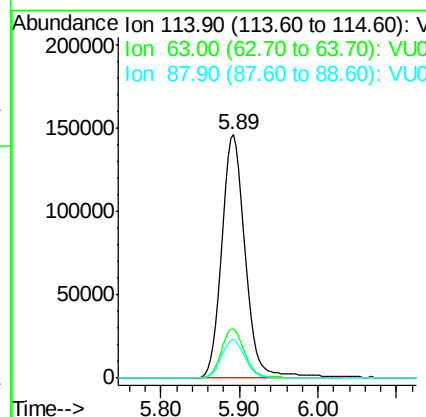
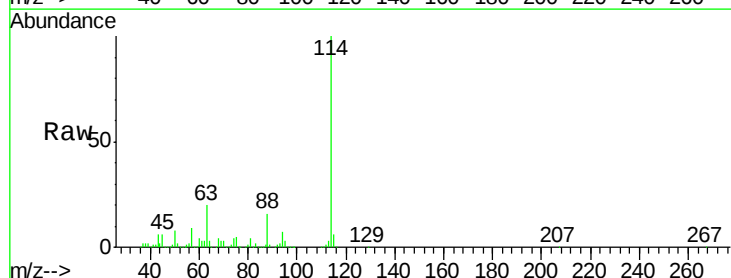
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion: 65 Resp: 147749
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 114 Resp: 302076
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 15.9 0.0 31.0

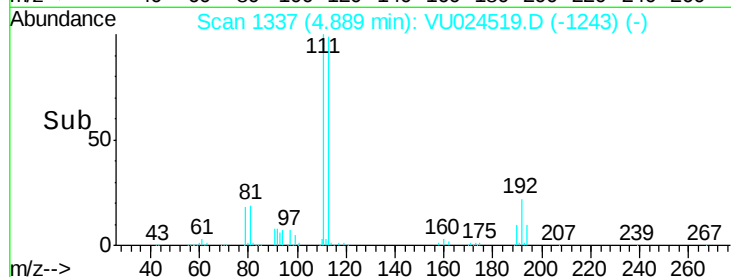
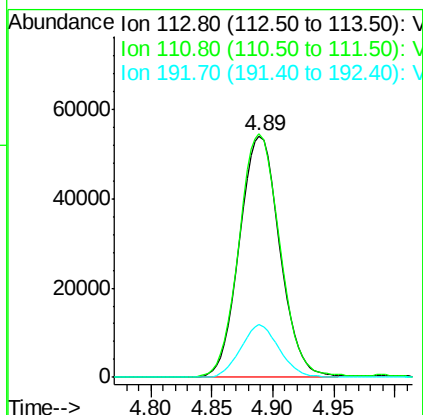
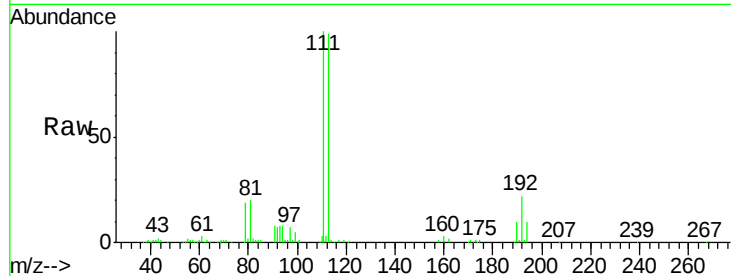




#35
 Dibromofluoromethane
 Concen: 49.26 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

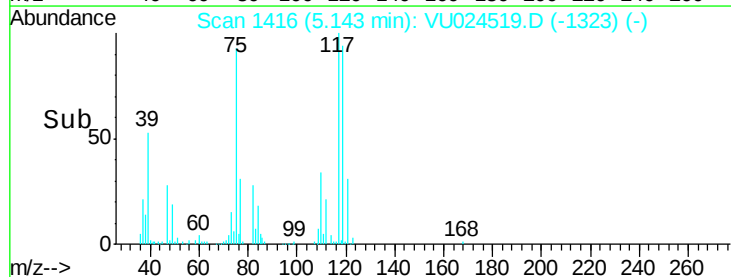
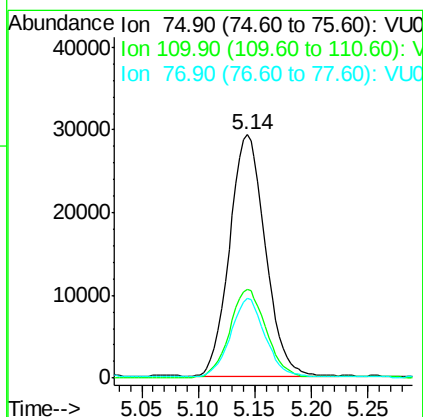
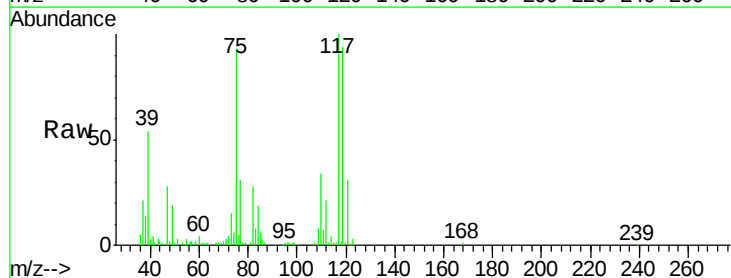
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

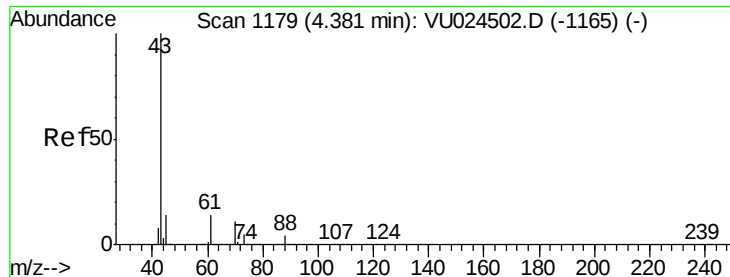
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	20.9	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 18.18 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.0	50.9
77	30.9	24.2	36.4

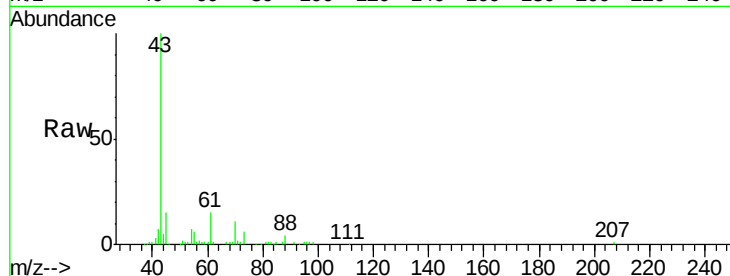




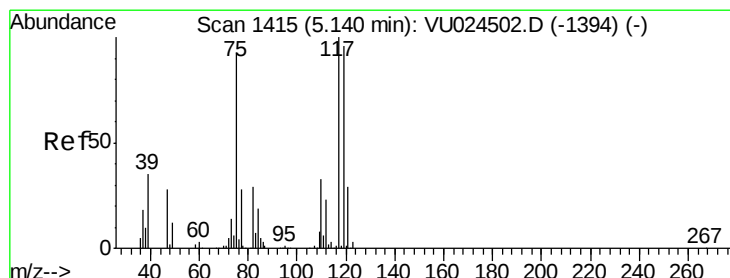
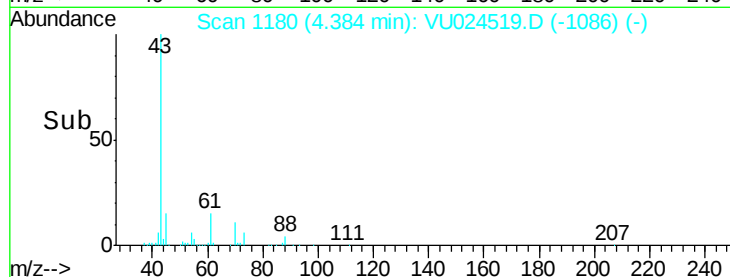
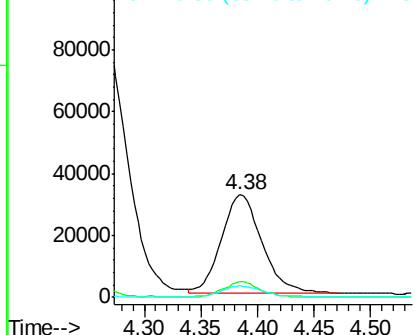
#37
Ethyl Acetate
Concen: 20.63 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

Tgt Ion: 43 Resp: 79809
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 10.7 7.4 11.2

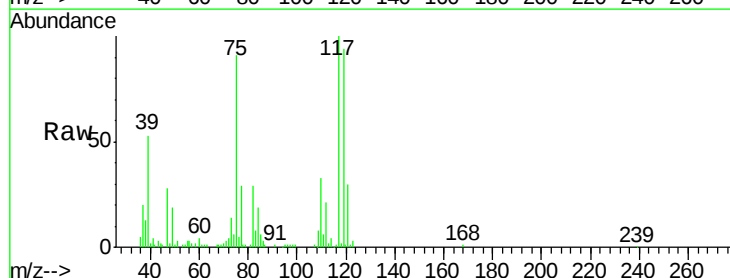


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

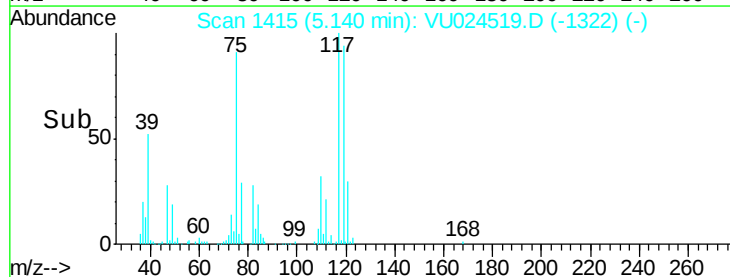
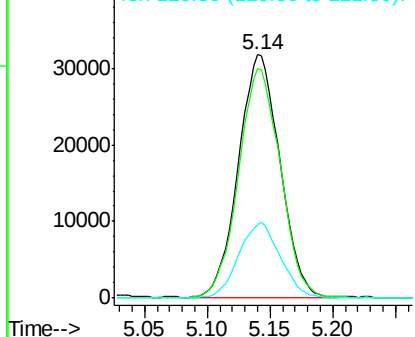


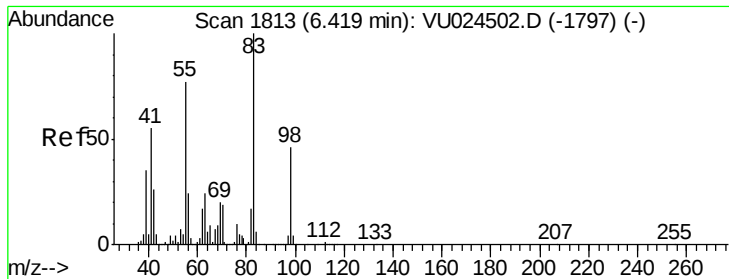
#38
Carbon Tetrachloride
Concen: 18.58 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 117 Resp: 72523
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 30.2 23.7 35.5



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

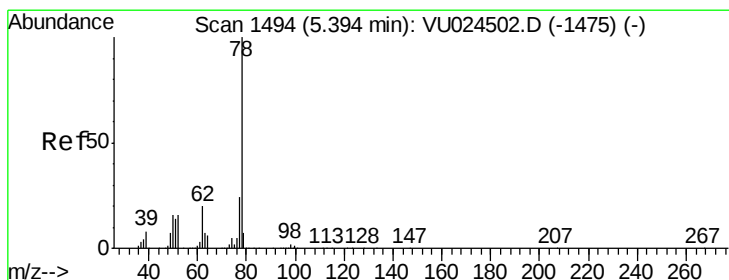
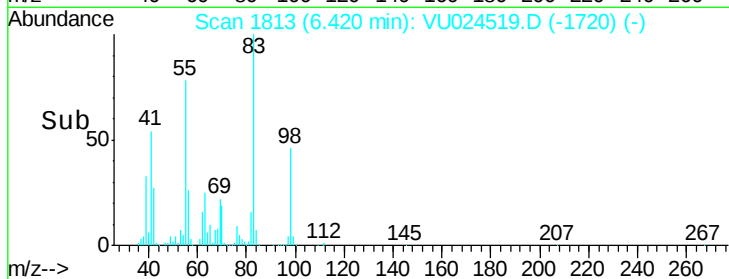
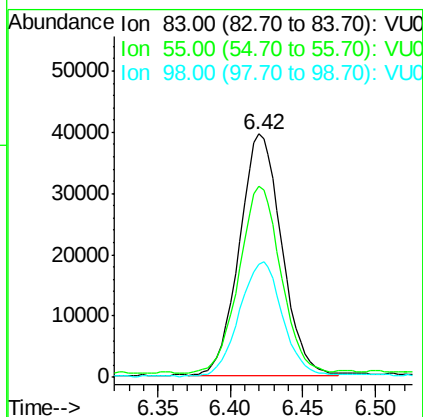
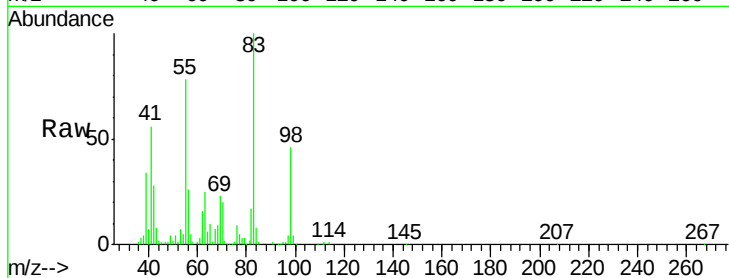




#39
Methylcyclohexane
Concen: 17.96 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

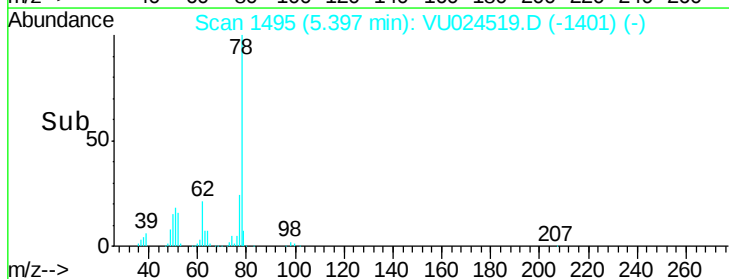
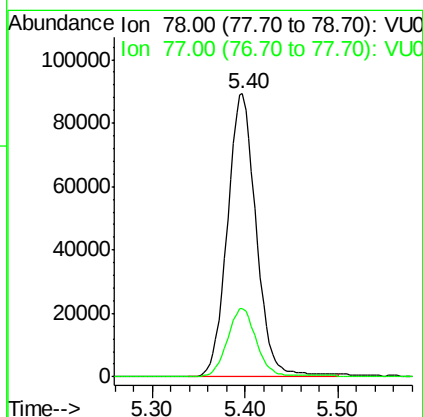
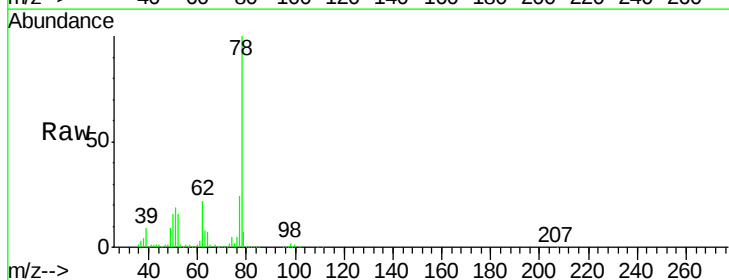
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

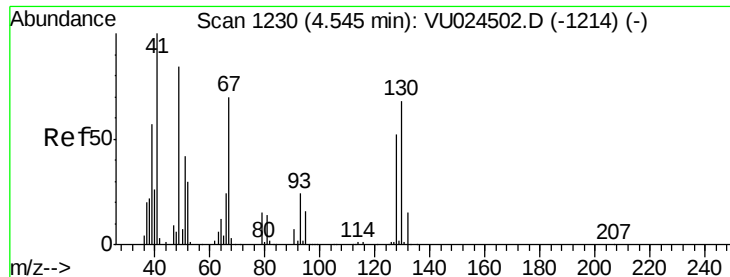
Tgt Ion: 83 Resp: 79577
Ion Ratio Lower Upper
83 100
55 77.2 65.8 98.6
98 46.2 36.7 55.1



#40
Benzene
Concen: 19.04 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 78 Resp: 192621
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

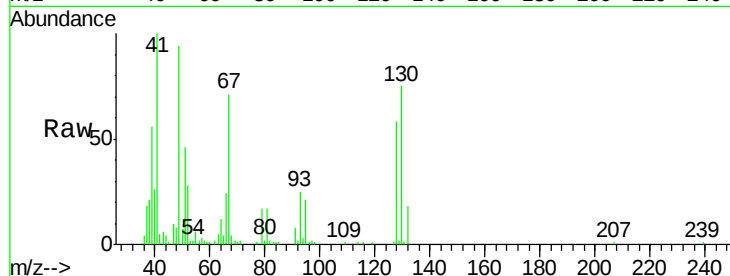




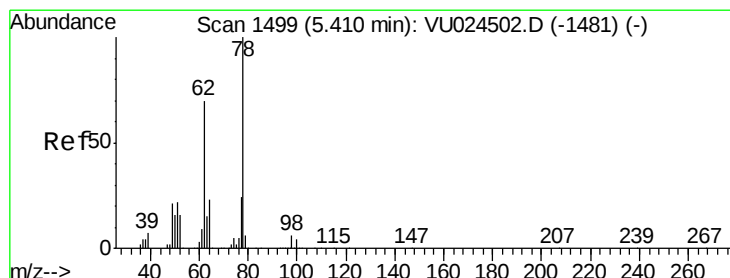
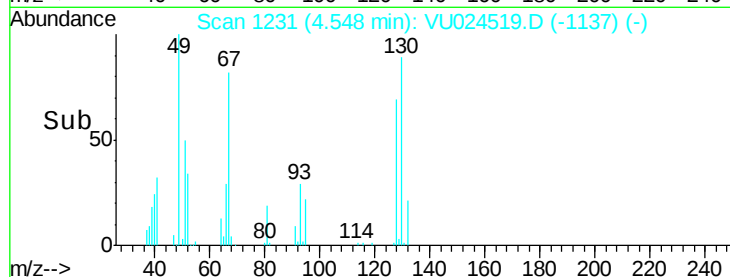
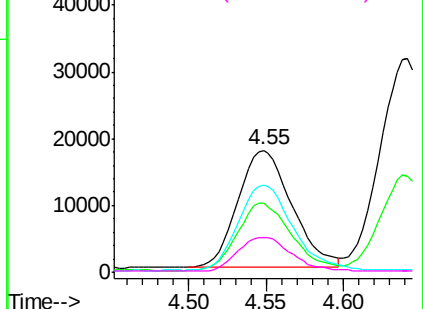
#41
Methacrylonitrile
Concen: 20.39 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

Tgt Ion:	41	Resp:	42531
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.8	65.6
67	73.6	56.3	84.5
52	29.3	23.2	34.8

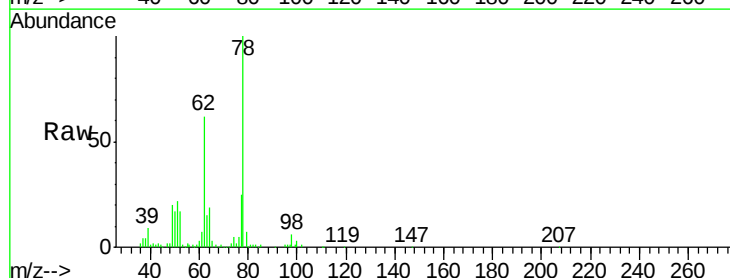


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

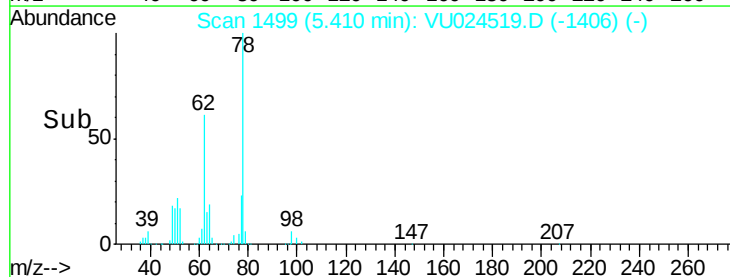
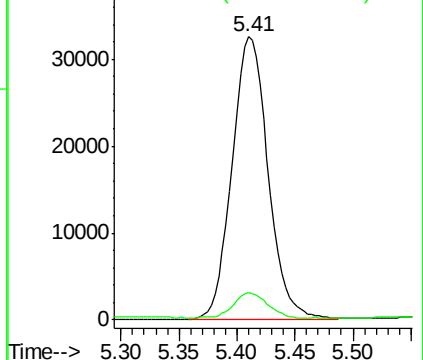


#42
1,2-Dichloroethane
Concen: 18.32 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion:	62	Resp:	70564
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 19.48 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

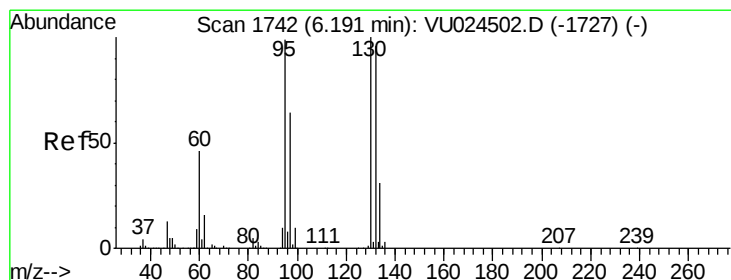
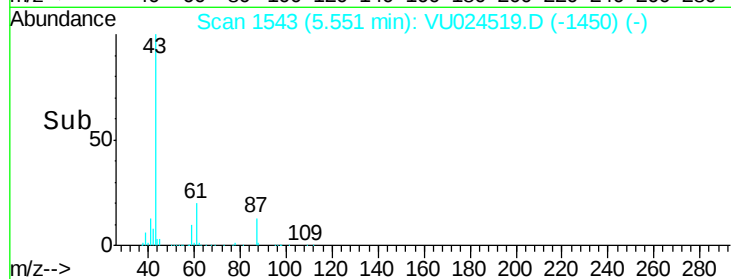
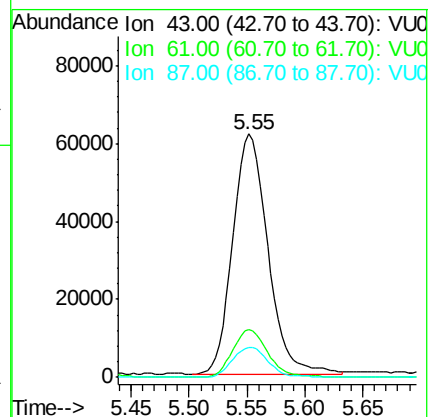
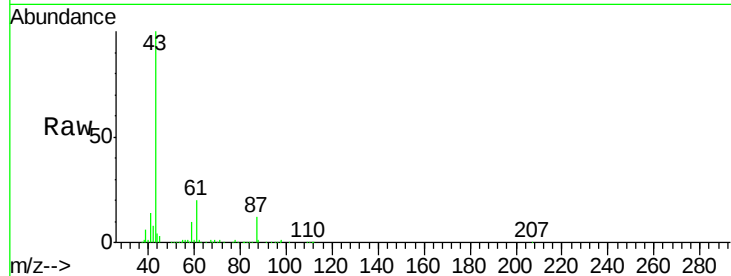
Tgt Ion: 43 Resp: 130264

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

87 12.8 10.0 15.0



#44

Trichloroethene

Concen: 18.58 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024519.D

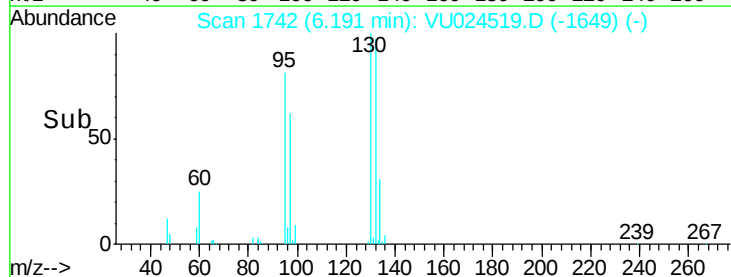
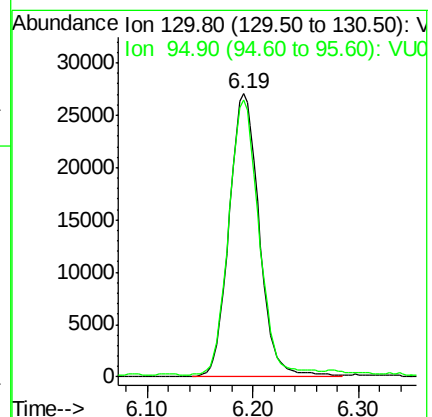
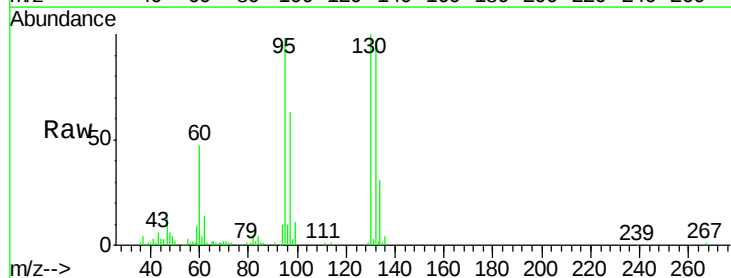
Acq: 13 Jun 2018 19:41

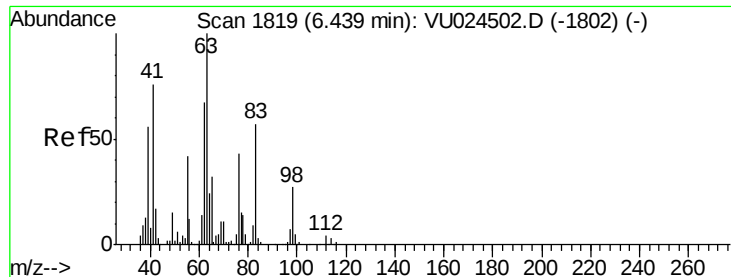
Tgt Ion: 130 Resp: 53482

Ion Ratio Lower Upper

130 100

95 96.9 0.0 202.4





#45

1,2-Dichloropropane

Concen: 20.16 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

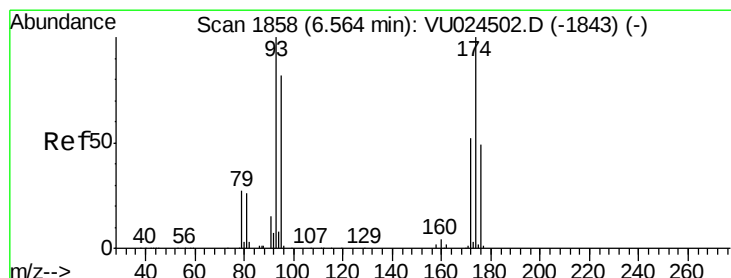
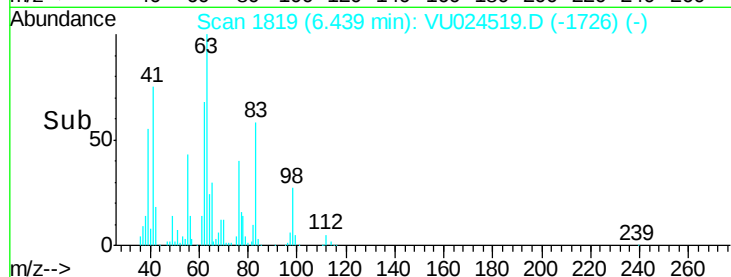
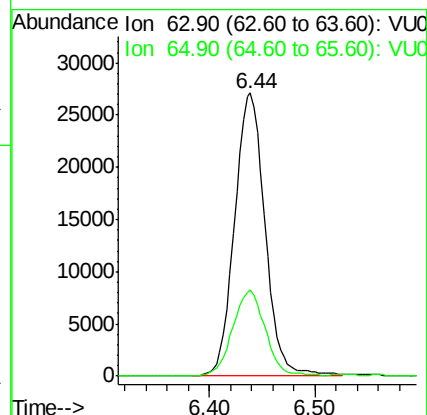
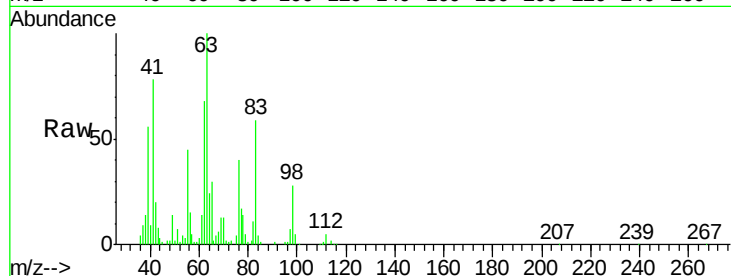
VU0613WBSD01

Tgt Ion: 63 Resp: 54397

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



#46

Dibromomethane

Concen: 19.37 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

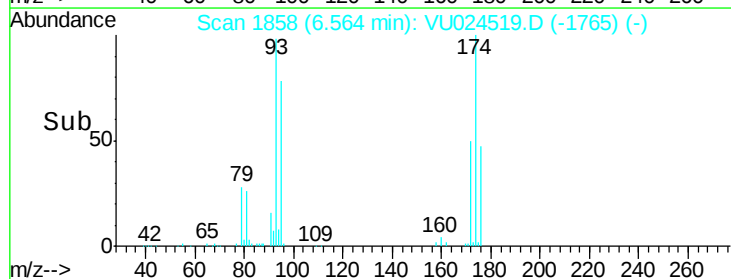
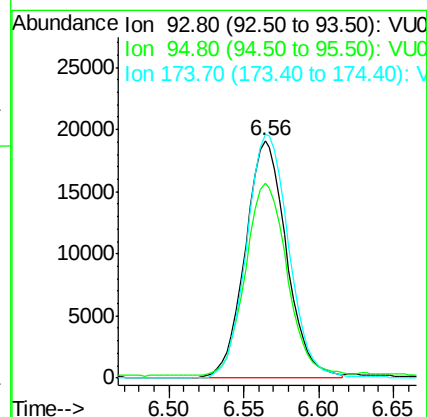
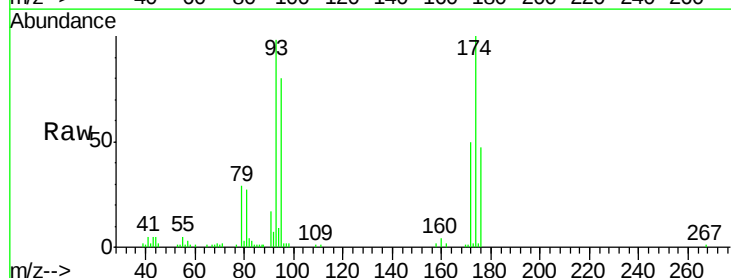
Tgt Ion: 93 Resp: 36716

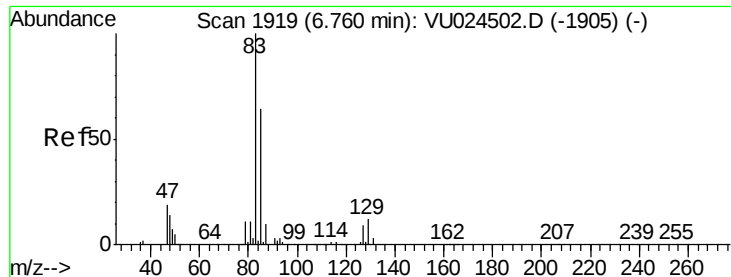
Ion Ratio Lower Upper

93 100

95 81.8 65.5 98.3

174 104.8 78.7 118.1





#47

Bromodichloromethane

Concen: 19.06 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

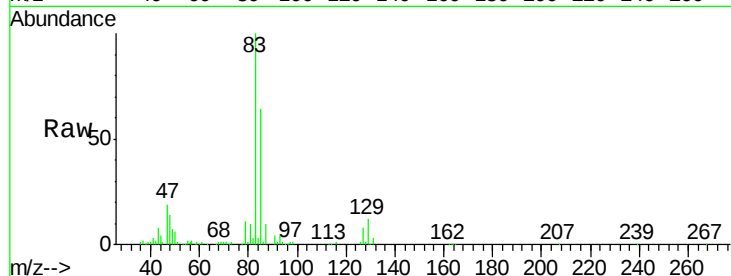
Tgt Ion: 83 Resp: 71954

Ion Ratio Lower Upper

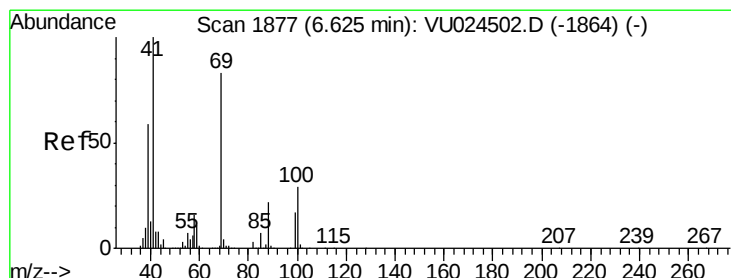
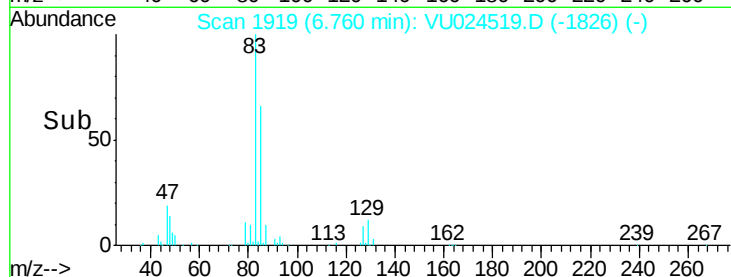
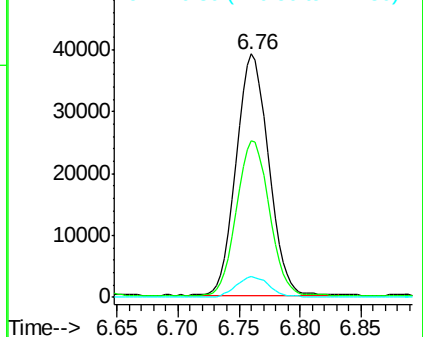
83 100

85 64.2 51.9 77.9

127 8.5 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: 19.16 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

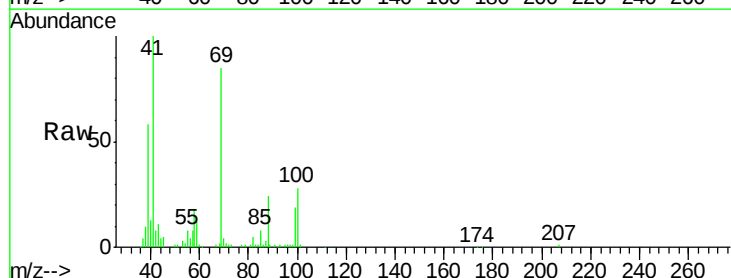
Tgt Ion: 41 Resp: 62385

Ion Ratio Lower Upper

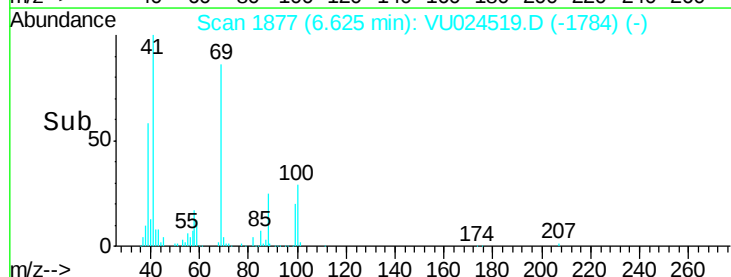
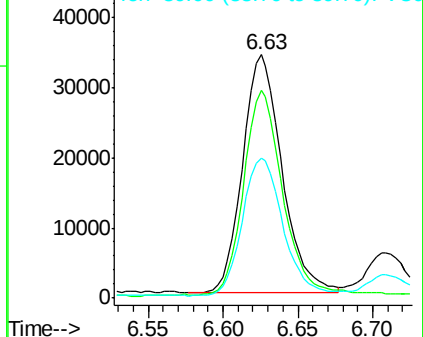
41 100

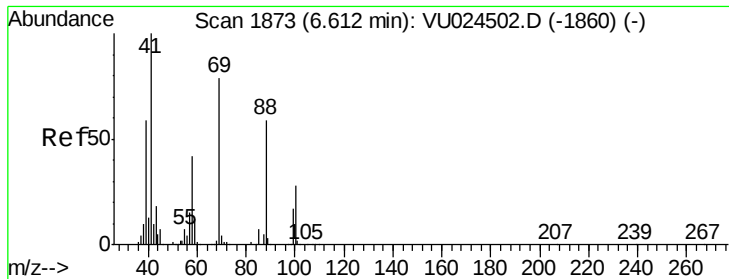
69 85.1 67.3 100.9

39 59.5 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

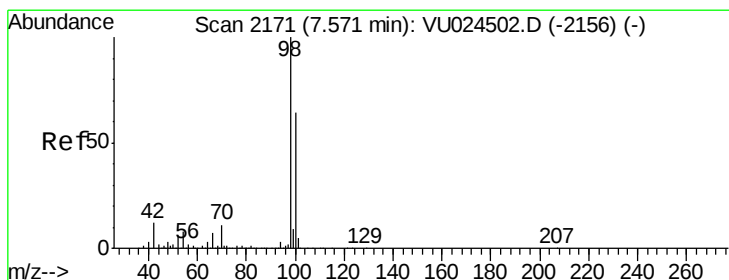
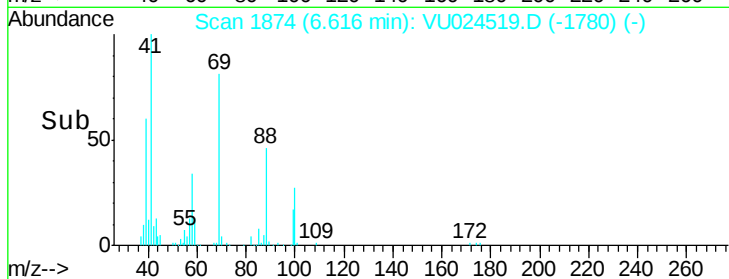
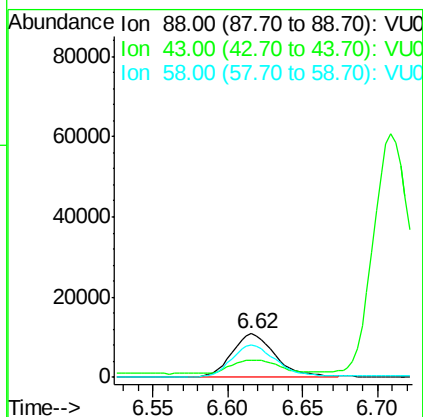
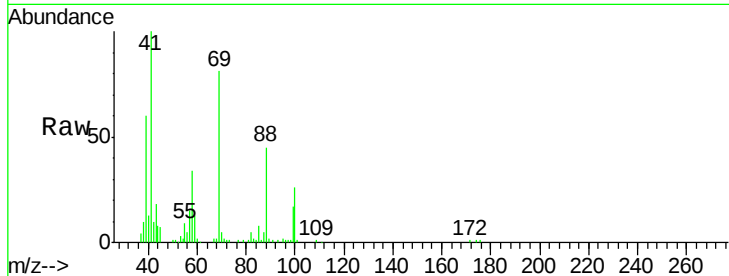




#49
 1,4-Dioxane
 Concen: 348.87 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

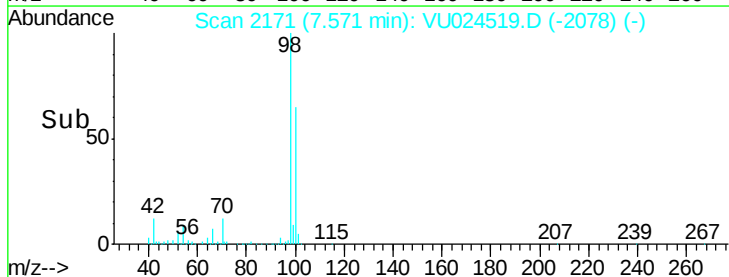
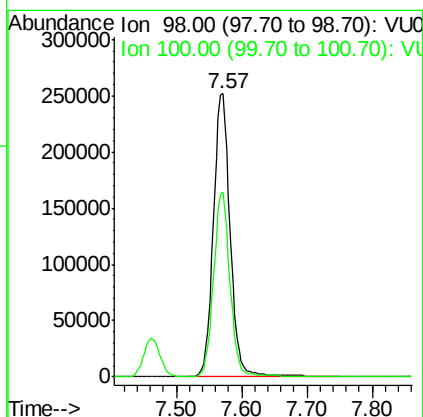
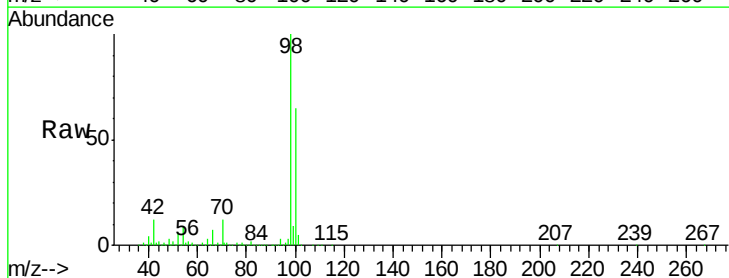
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

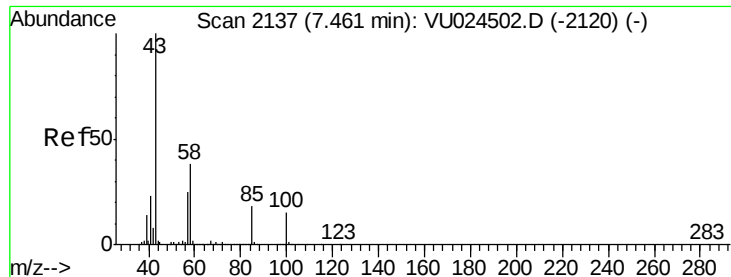
Tgt Ion: 88 Resp: 22217
 Ion Ratio Lower Upper
 88 100
 43 30.9 28.6 42.8
 58 72.2 58.2 87.4



#50
 Toluene-d8
 Concen: 49.28 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 98 Resp: 450646
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 99.08 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

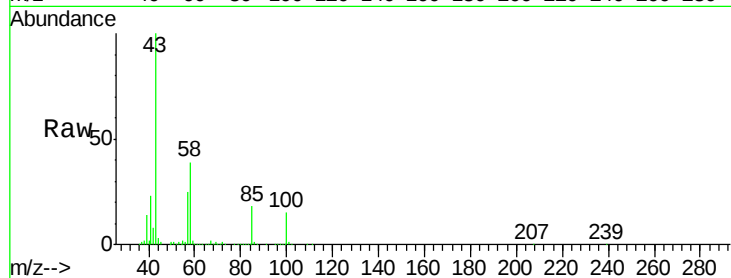
VU0613WBSD01

Tgt Ion: 43 Resp: 416263

Ion Ratio Lower Upper

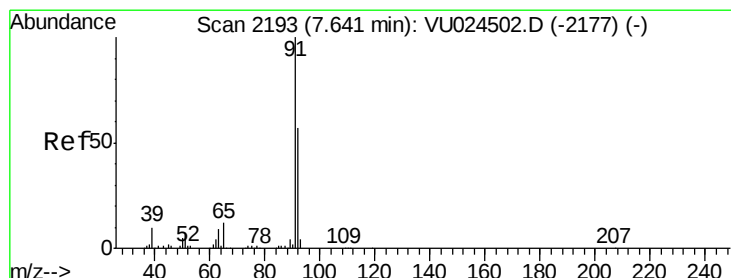
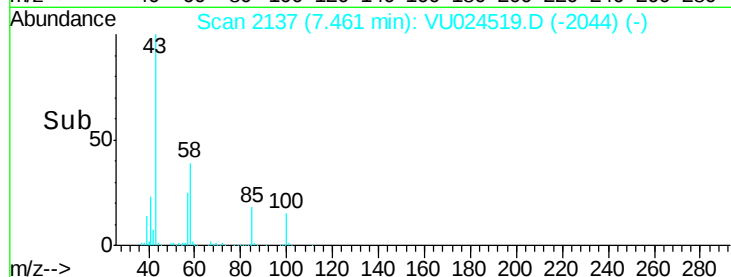
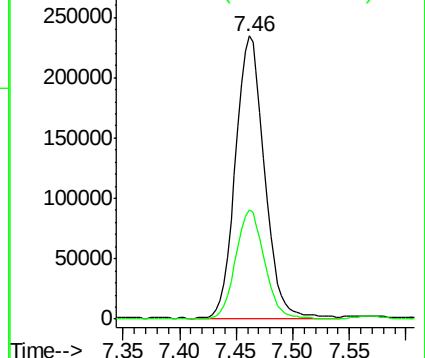
43 100

58 38.5 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 19.07 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024519.D

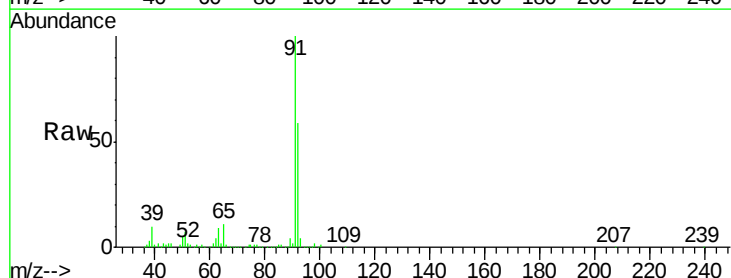
Acq: 13 Jun 2018 19:41

Tgt Ion: 92 Resp: 124083

Ion Ratio Lower Upper

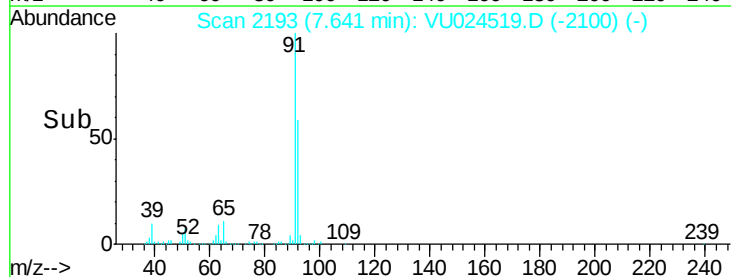
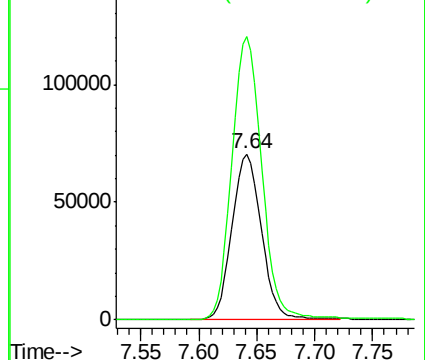
92 100

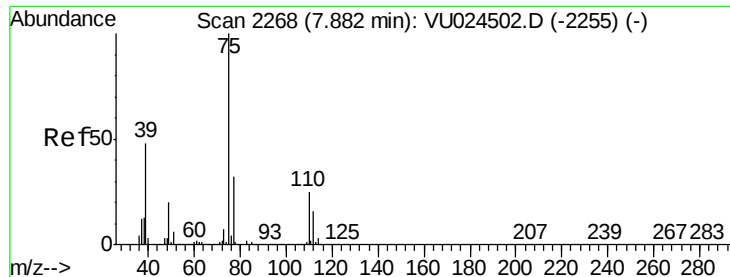
91 171.4 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

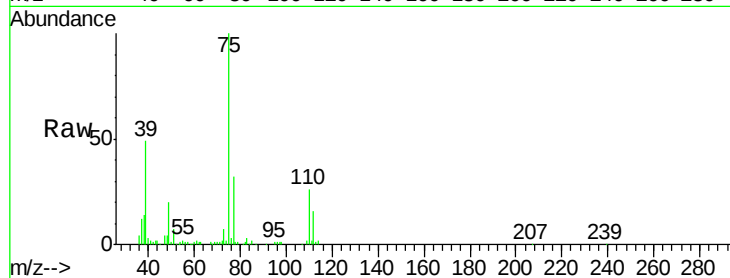
VU0613WBSD01

Tgt Ion: 75 Resp: 78151

Ion Ratio Lower Upper

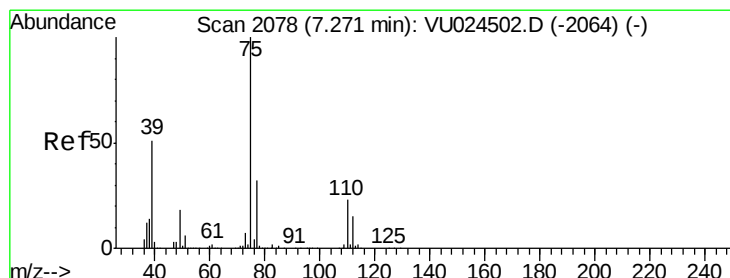
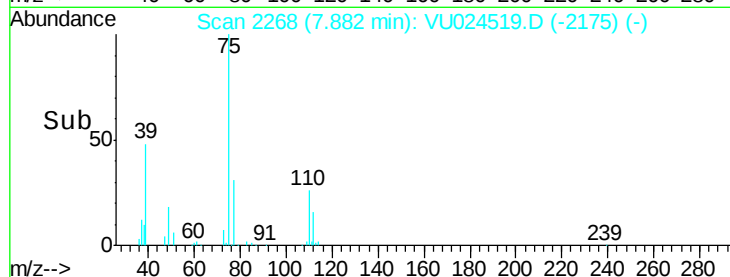
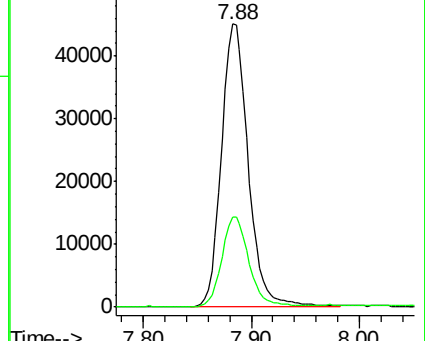
75 100

77 31.5 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: 18.53 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

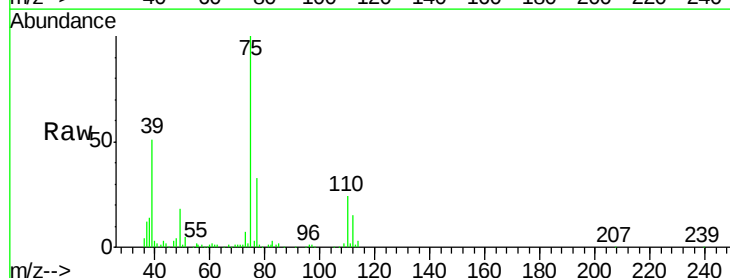
Tgt Ion: 75 Resp: 83702

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

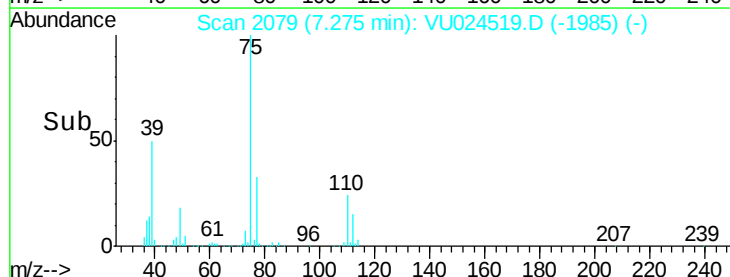
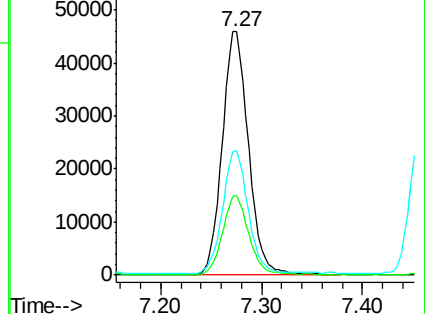
39 50.5 39.8 59.6

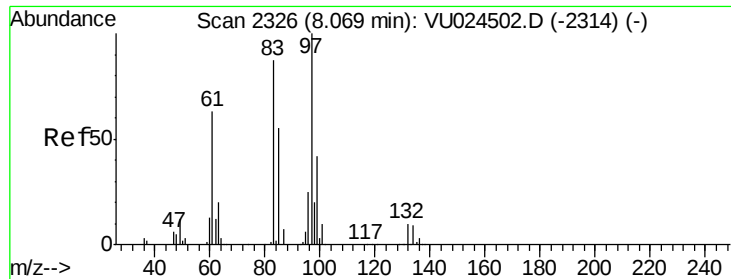


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

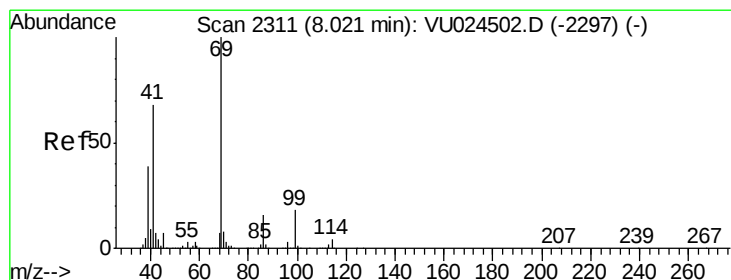
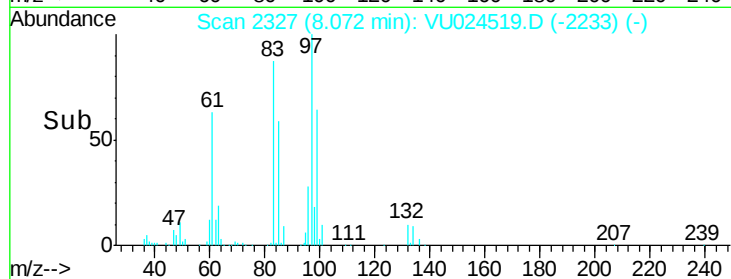
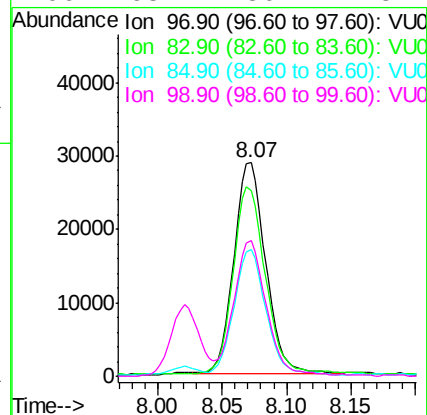
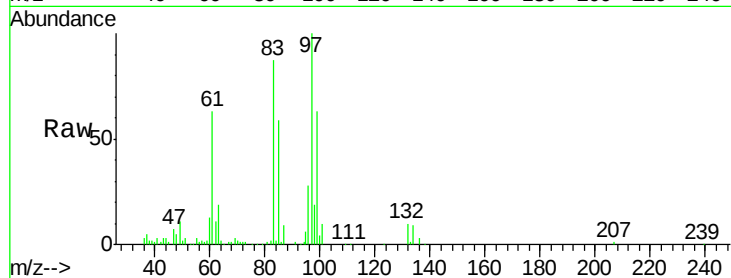




#55
 1,1,2-Trichloroethane
 Concen: 18.44 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

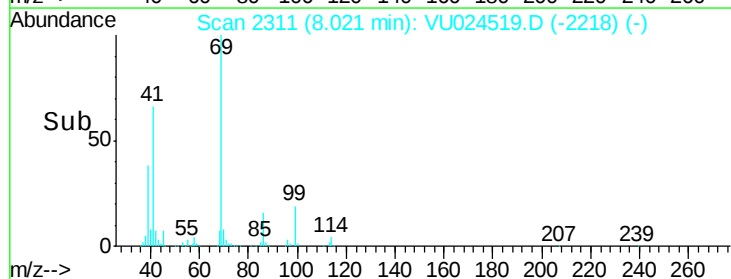
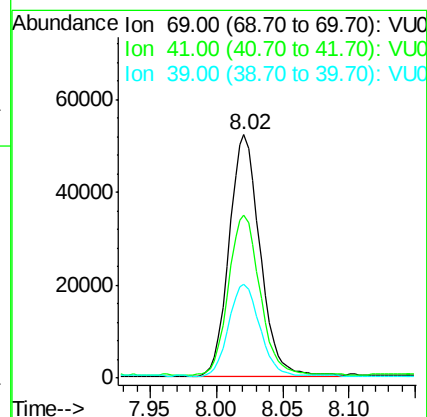
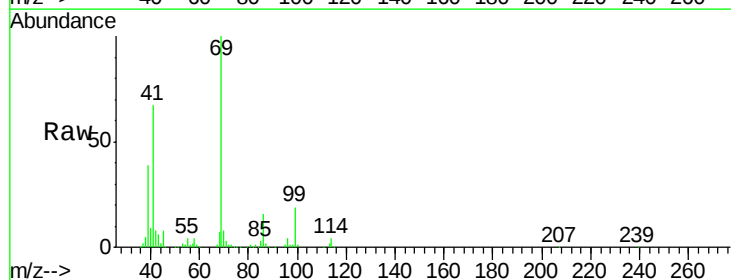
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion:	97	Resp:	48767
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.5	105.7
85	59.5	46.4	69.6
99	63.4	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.09 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion:	69	Resp:	84519
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.1	81.1
39	38.2	30.3	45.5

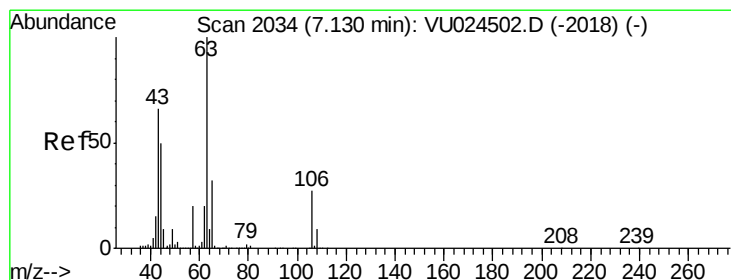
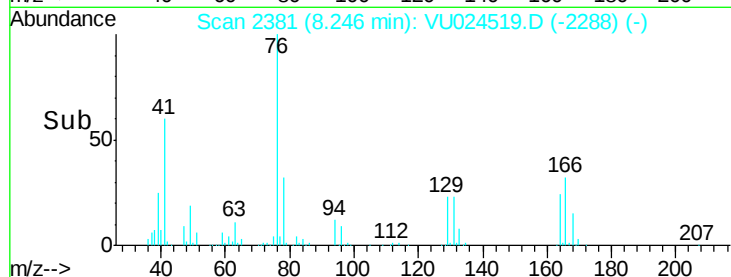
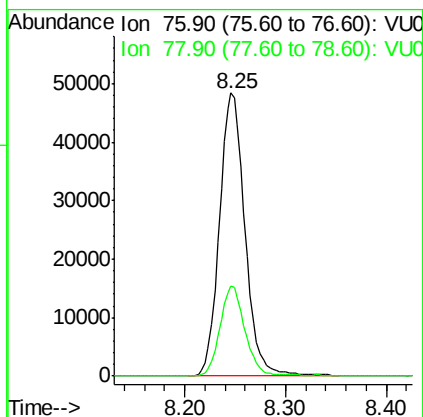
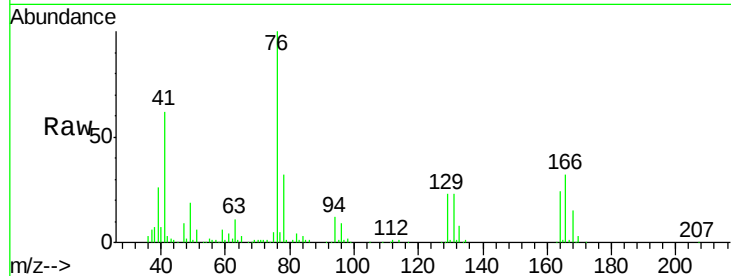




#57
 1,3-Dichloropropane
 Concen: 19.19 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

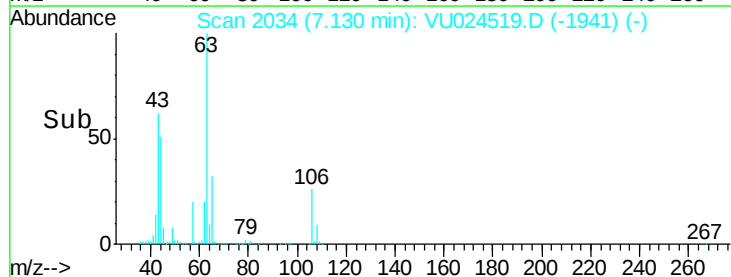
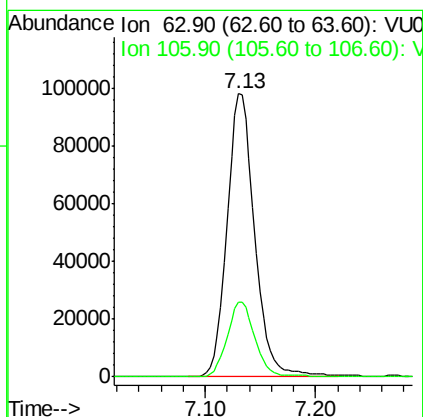
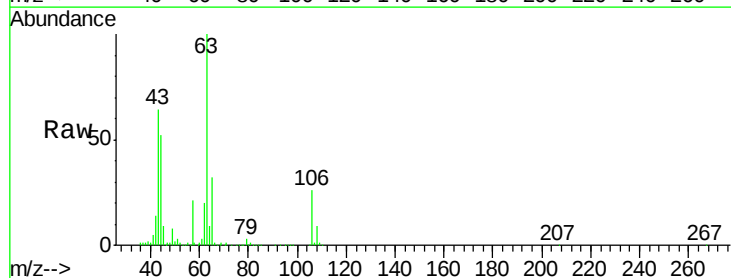
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

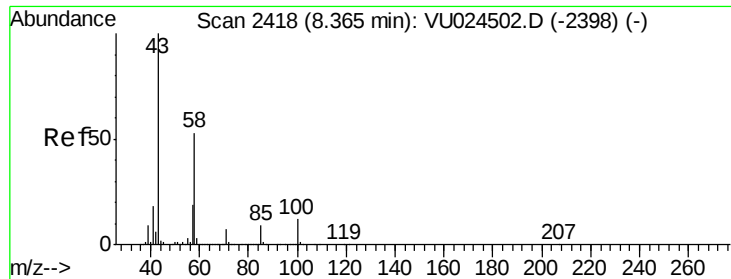
Tgt Ion: 76 Resp: 85614
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.54 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 63 Resp: 170522
 Ion Ratio Lower Upper
 63 100
 106 26.9 20.2 30.2

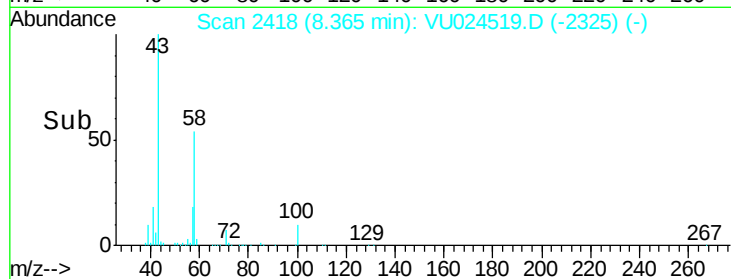
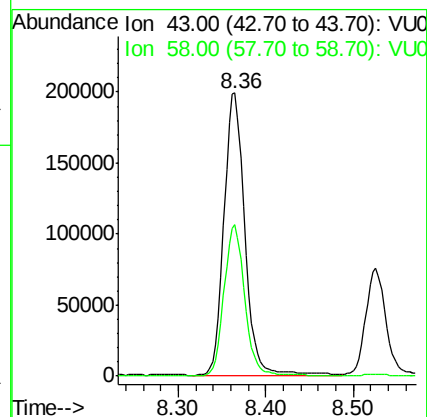
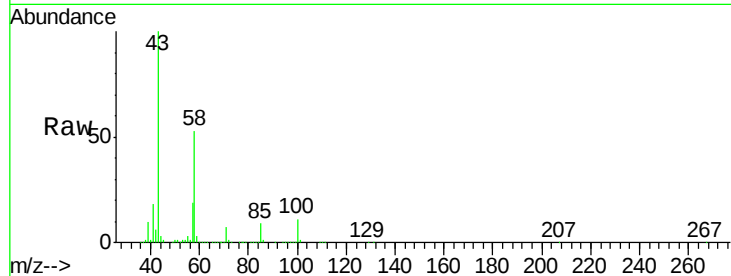




#59
2-Hexanone
Concen: 95.99 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

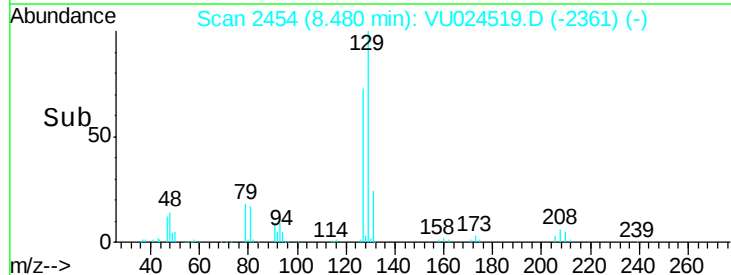
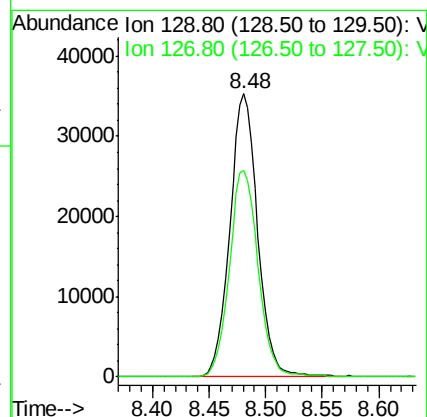
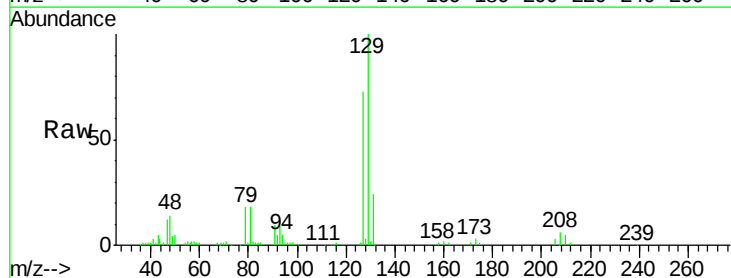
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

Tgt Ion: 43 Resp: 329255
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0



#60
Dibromochloromethane
Concen: 18.25 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 129 Resp: 60190
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0

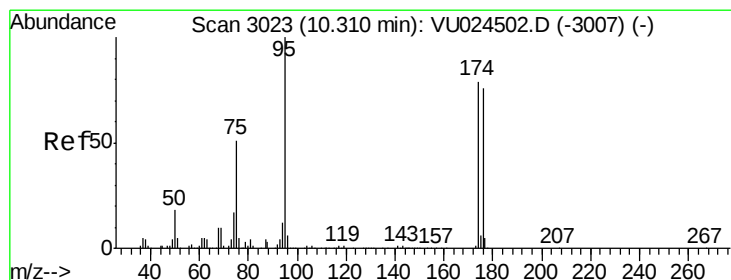
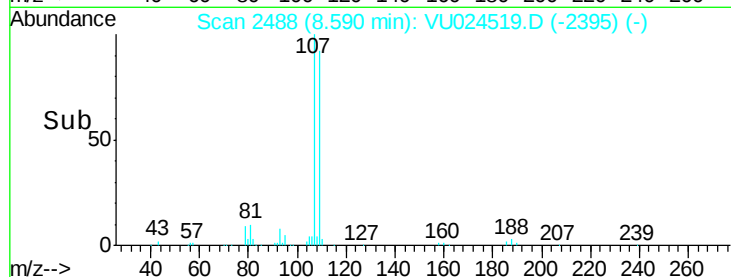
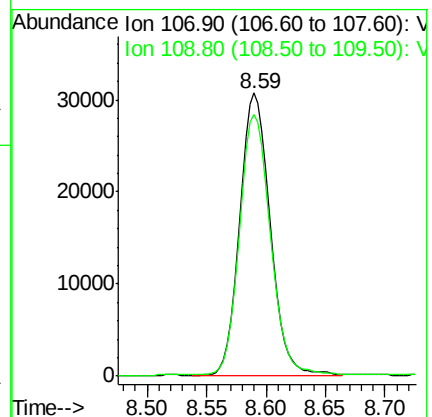
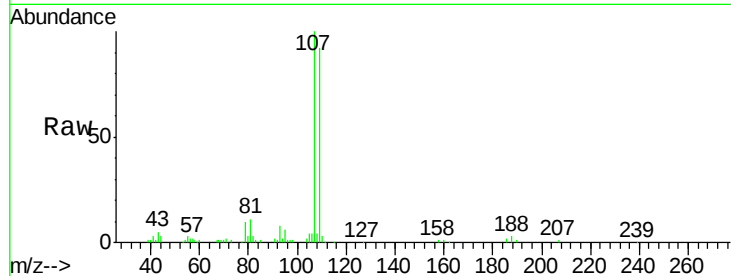




#61
 1,2-Dibromoethane
 Concen: 18.65 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

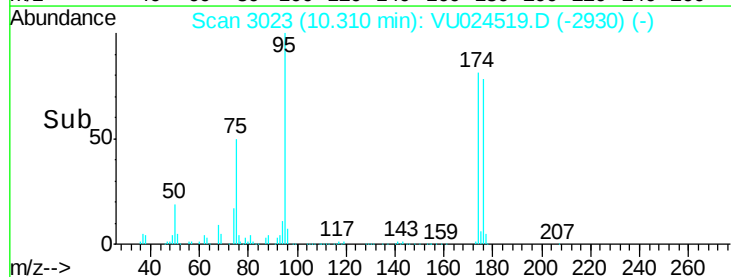
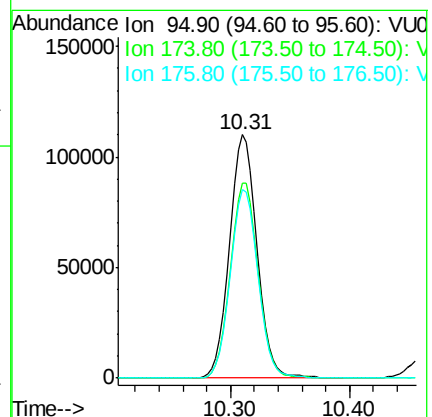
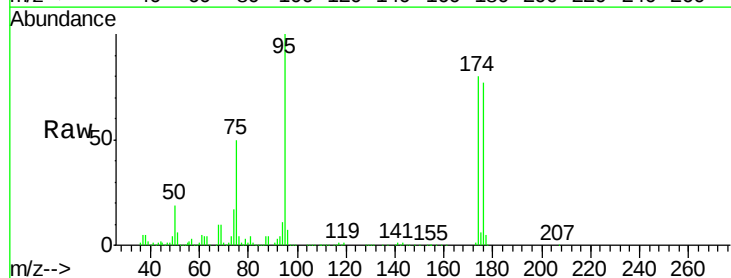
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion: 107 Resp: 54921
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 48.13 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 95 Resp: 174745
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 165.8
 176 78.9 0.0 159.4

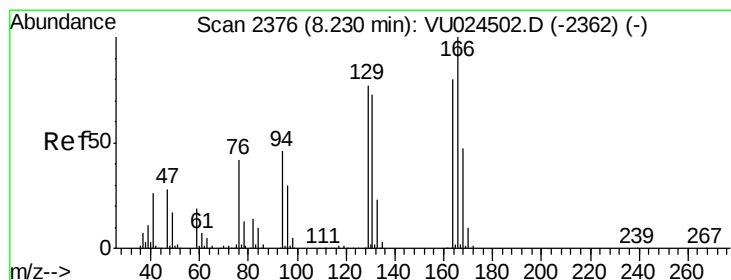
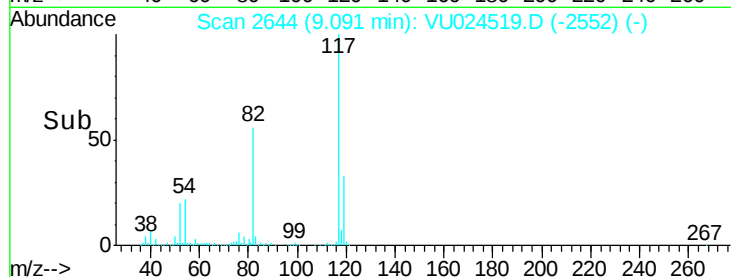
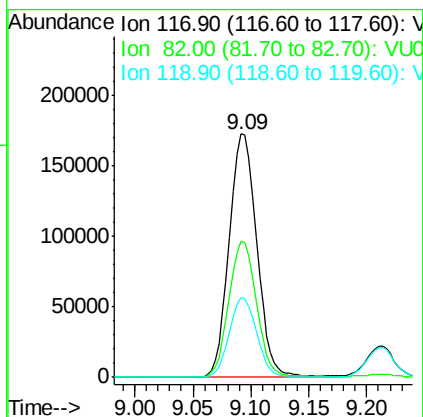
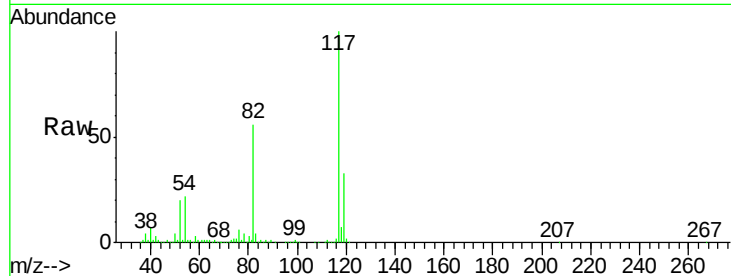




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

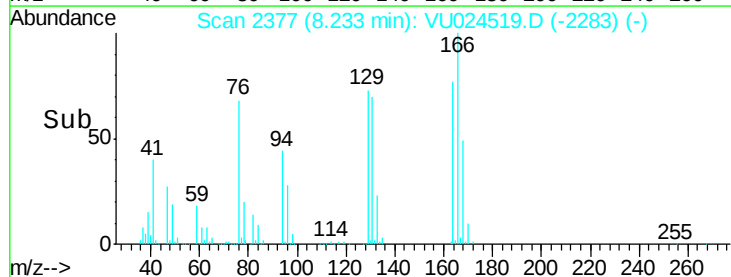
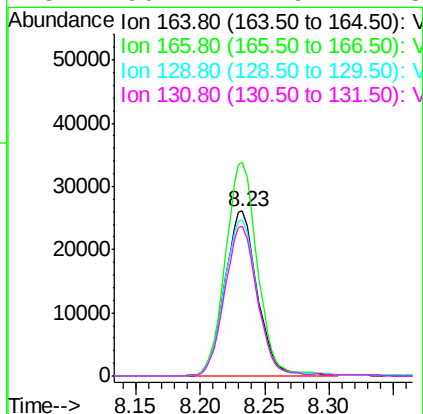
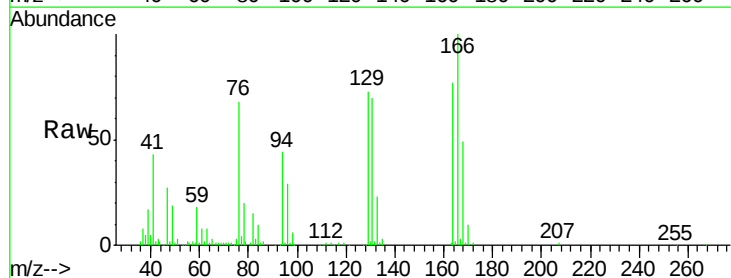
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

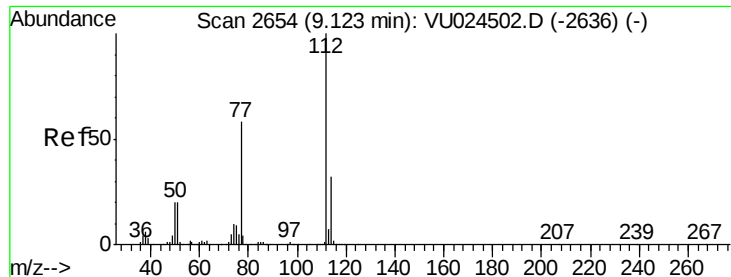
Tgt Ion:117 Resp: 284742
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 16.98 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion:164 Resp: 45961
Ion Ratio Lower Upper
164 100
166 129.5 101.7 152.5
129 94.2 76.9 115.3
131 90.1 74.9 112.3





#65

Chlorobenzene

Concen: 19.00 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

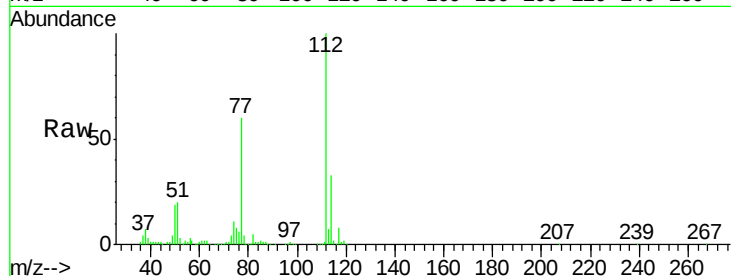
VU0613WBSD01

Tgt Ion:112 Resp: 138178

Ion Ratio Lower Upper

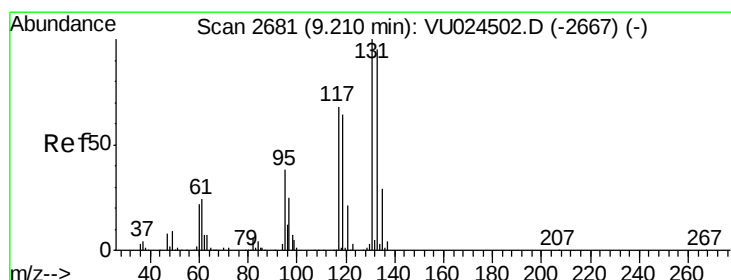
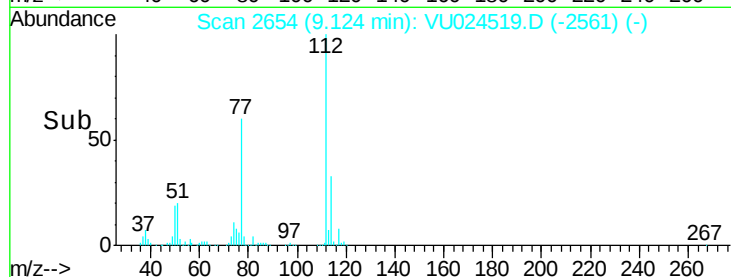
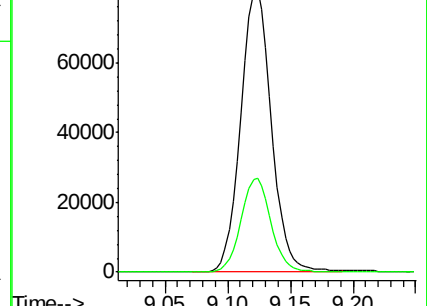
112 100

114 33.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.99 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

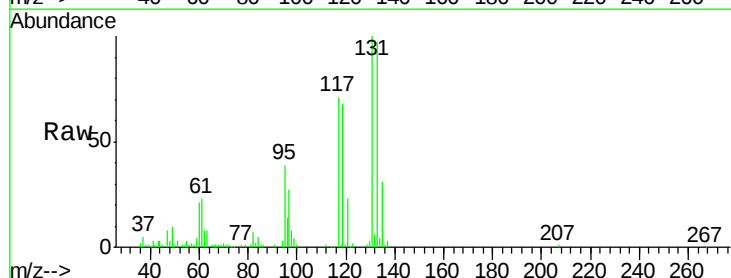
Tgt Ion:131 Resp: 52472

Ion Ratio Lower Upper

131 100

133 96.0 46.9 140.8

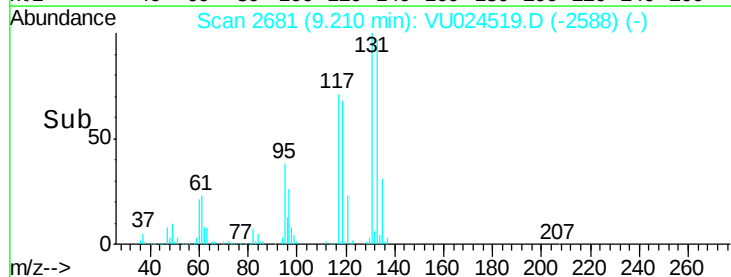
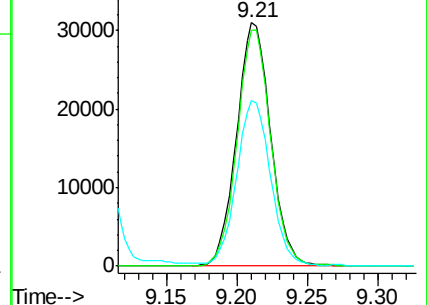
119 66.8 33.5 100.4

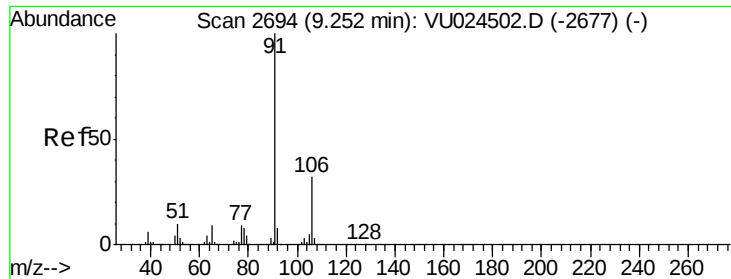


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.13 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

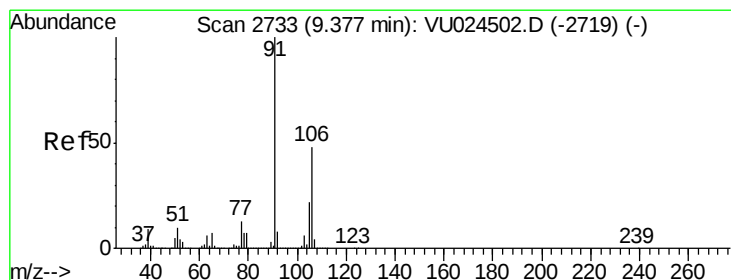
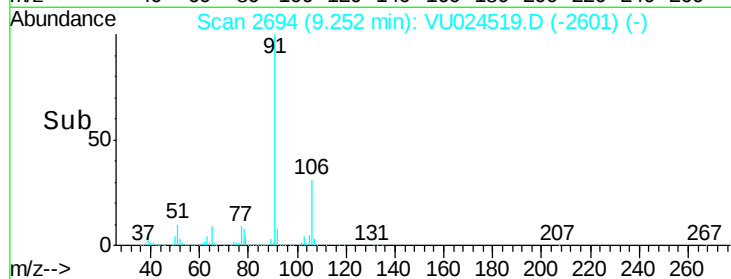
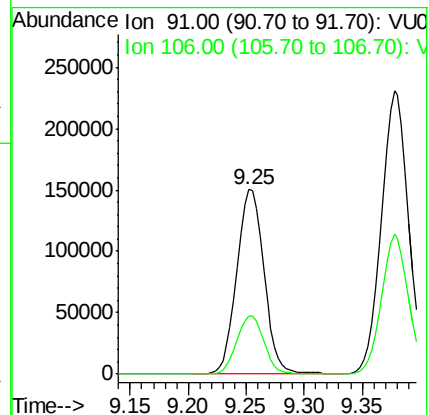
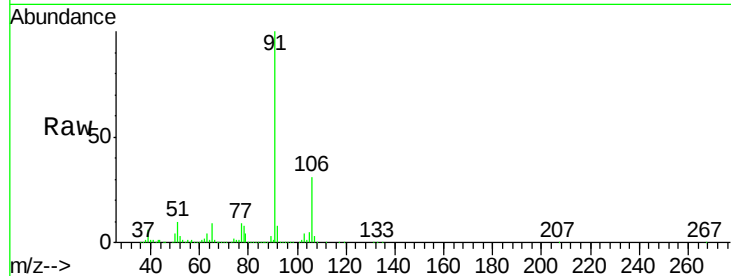
VU0613WBSD01

Tgt Ion: 91 Resp: 243975

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4



#68

m/p-Xylenes

Concen: 37.84 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024519.D

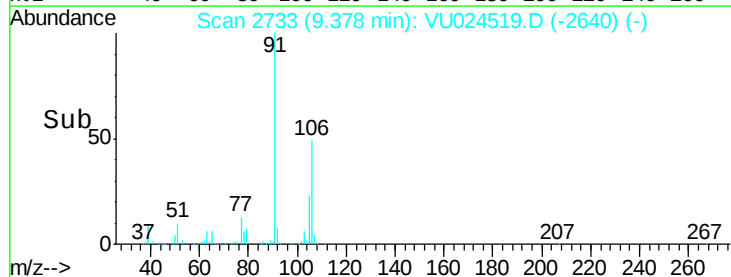
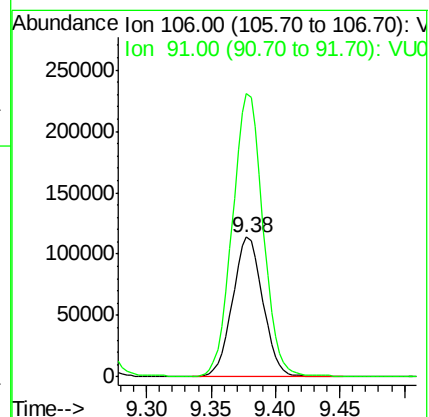
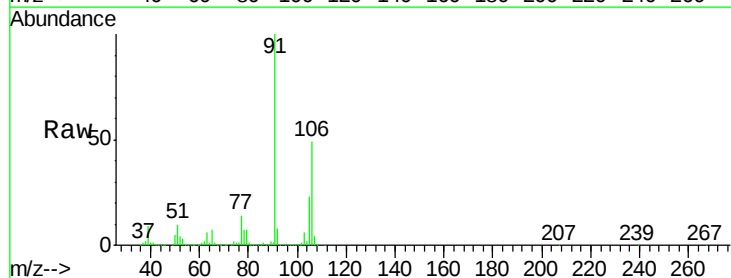
Acq: 13 Jun 2018 19:41

Tgt Ion: 106 Resp: 185283

Ion Ratio Lower Upper

106 100

91 205.9 166.5 249.7

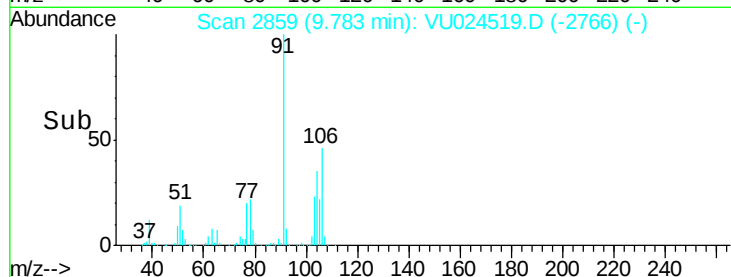
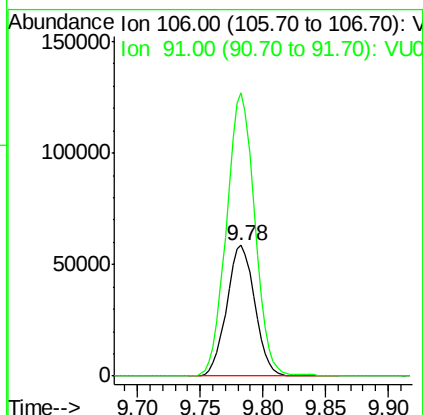
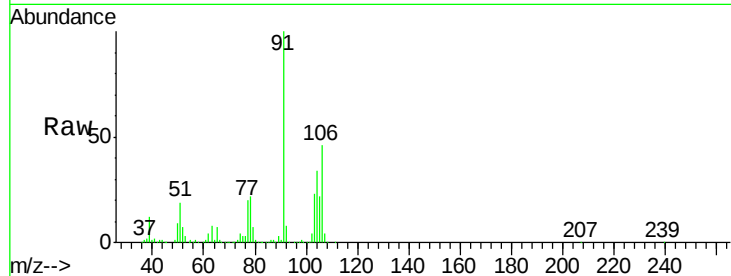




#69
o-Xylene
Concen: 18.87 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

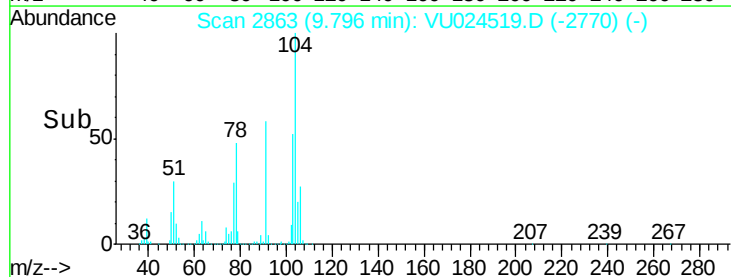
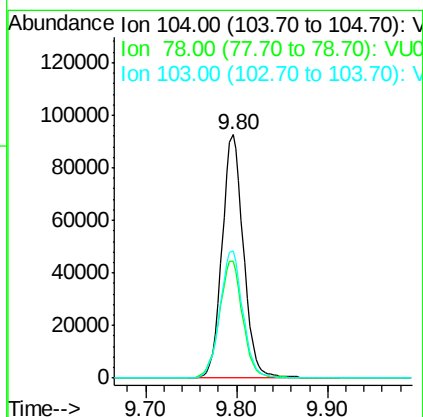
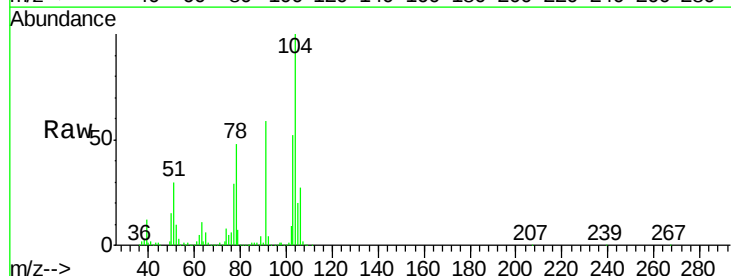
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

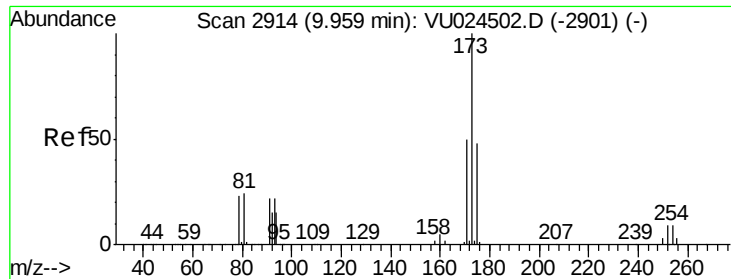
Tgt Ion:106 Resp: 91451
Ion Ratio Lower Upper
106 100
91 216.4 110.7 331.9



#70
Styrene
Concen: 19.05 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion:104 Resp: 151701
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 55.8 44.7 67.1





#71

Bromoform

Concen: 19.21 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

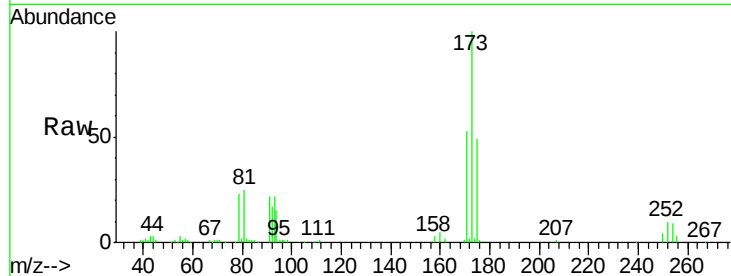
Tgt Ion:173 Resp: 50450

Ion Ratio Lower Upper

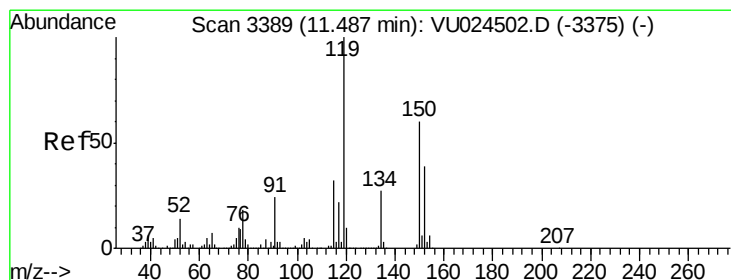
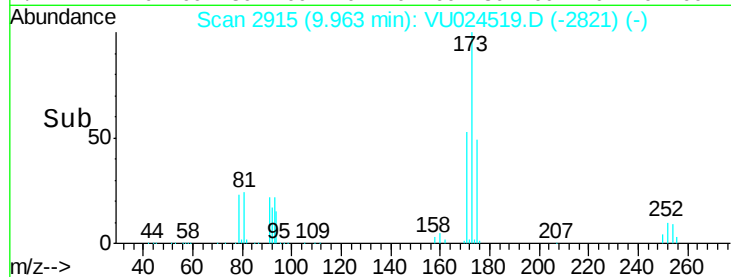
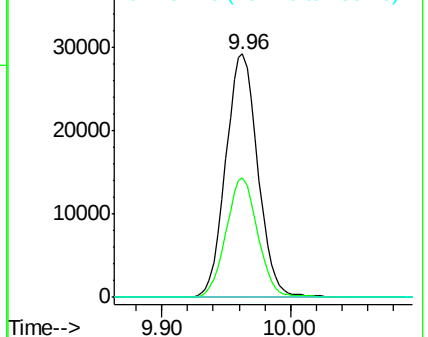
173 100

175 48.4 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: VU024519.D

Acq: 13 Jun 2018 19:41

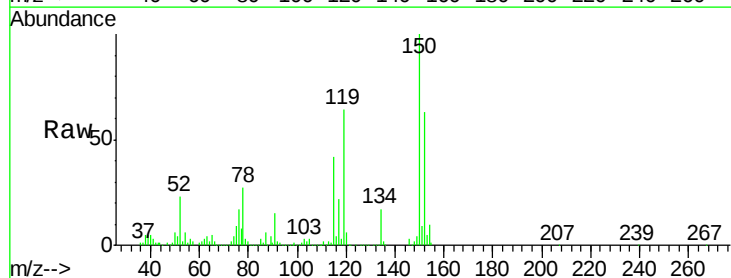
Tgt Ion:152 Resp: 166169

Ion Ratio Lower Upper

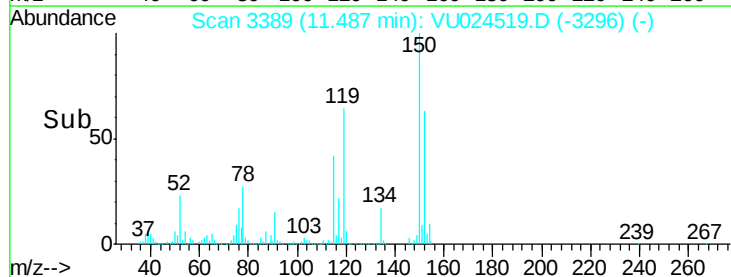
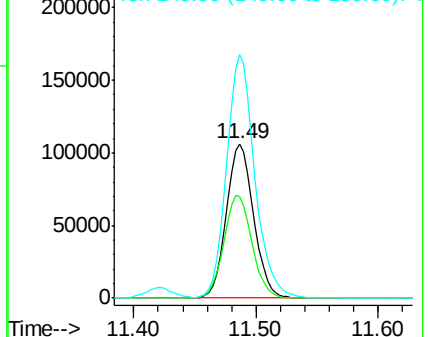
152 100

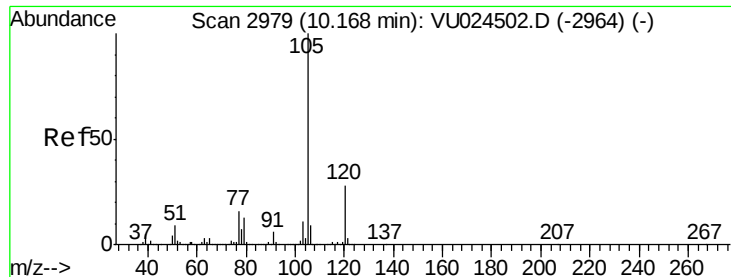
115 68.9 43.0 129.0

150 163.5 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: 19.10 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

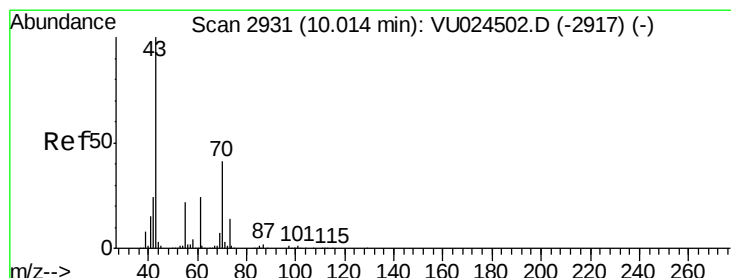
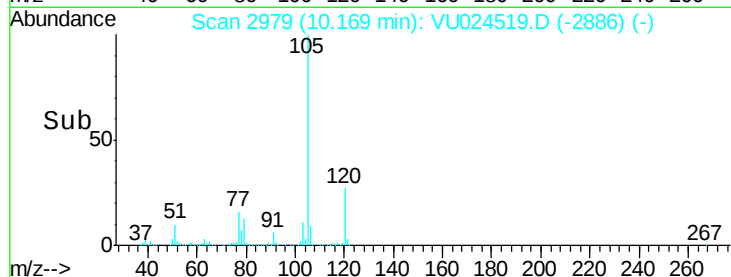
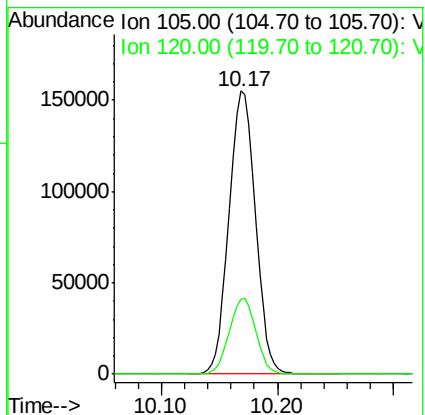
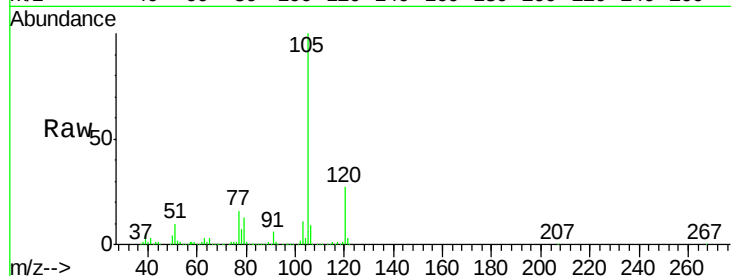
VU0613WBSD01

Tgt Ion: 105 Resp: 243615

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 19.49 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Tgt Ion: 43 Resp: 118284

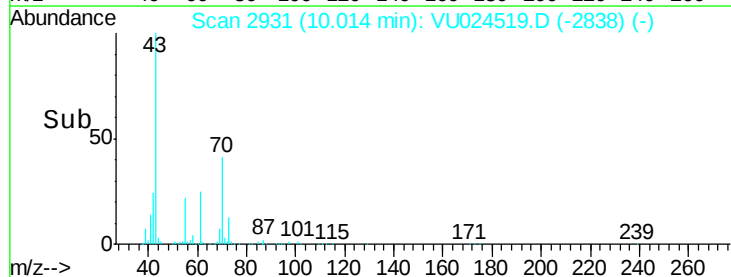
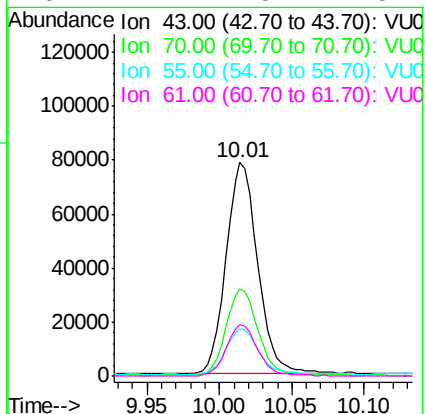
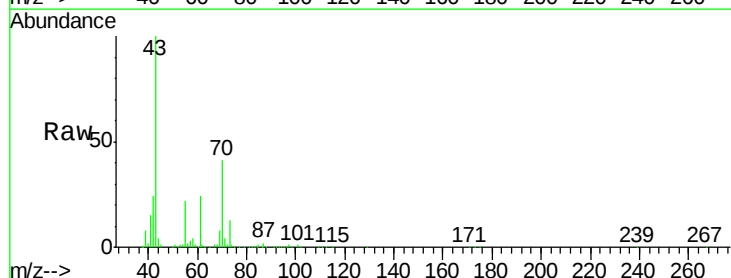
Ion Ratio Lower Upper

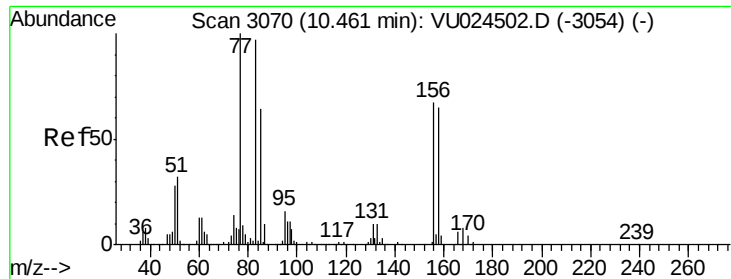
43 100

70 41.4 32.2 48.4

55 22.9 20.5 30.7

61 24.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

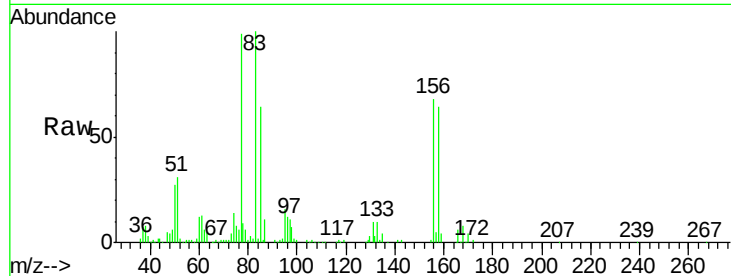
Tgt Ion: 83 Resp: 85519

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

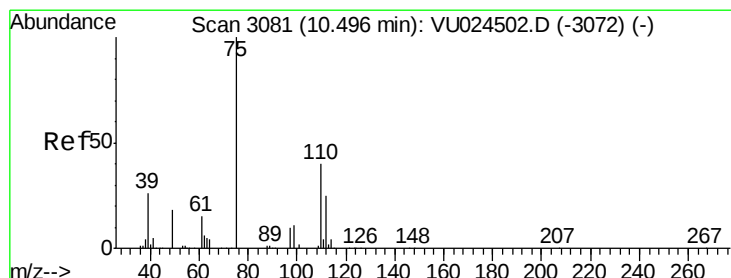
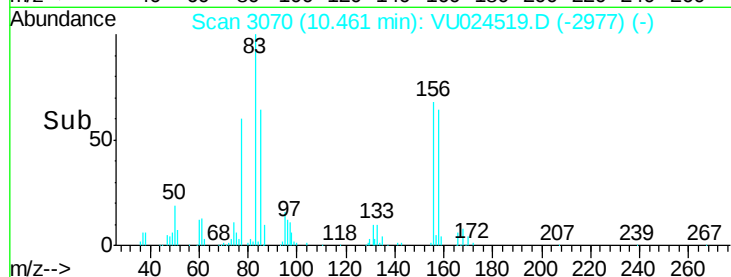
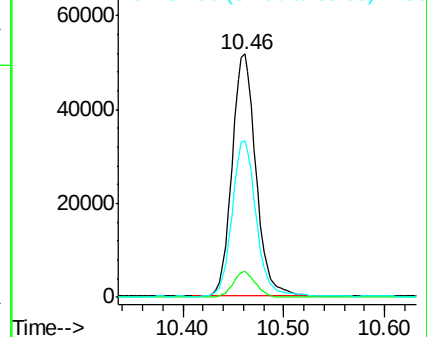
85 65.3 32.5 97.5



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: 27.82 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024519.D

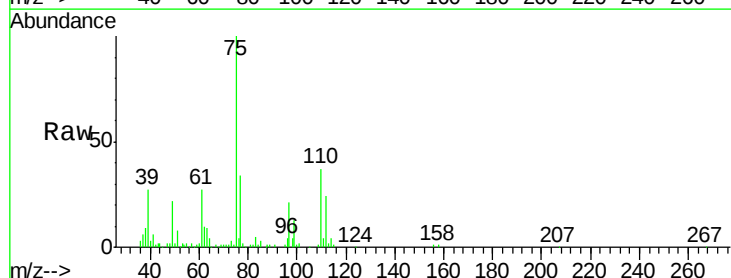
Acq: 13 Jun 2018 19:41

Tgt Ion: 75 Resp: 101794

Ion Ratio Lower Upper

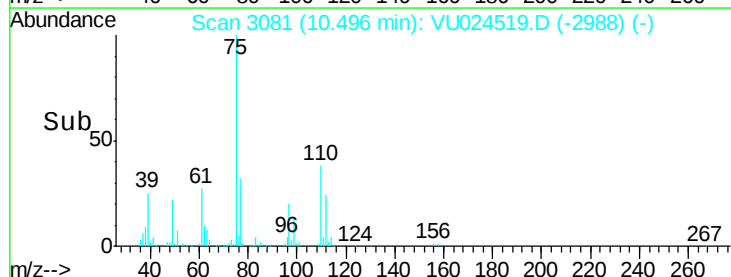
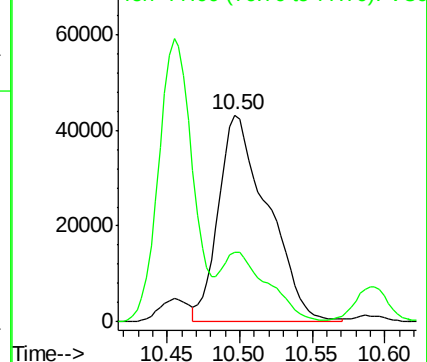
75 100

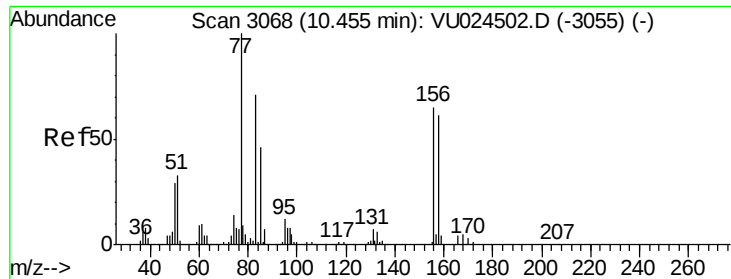
77 30.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 19.06 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

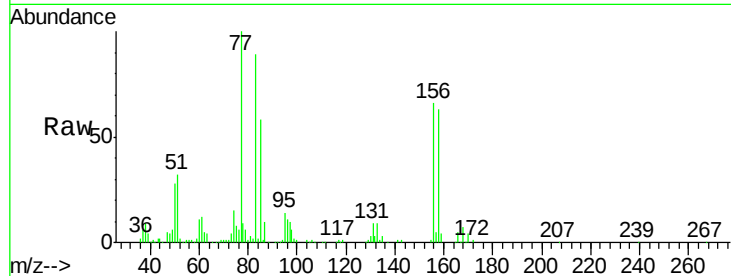
Tgt Ion:156 Resp: 61555

Ion Ratio Lower Upper

156 100

77 155.4 80.5 241.3

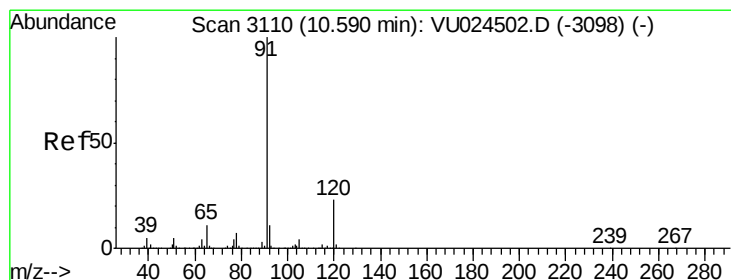
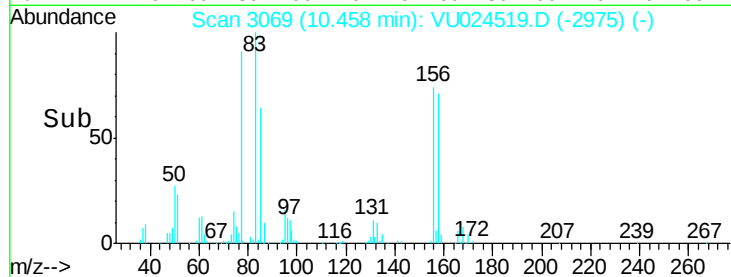
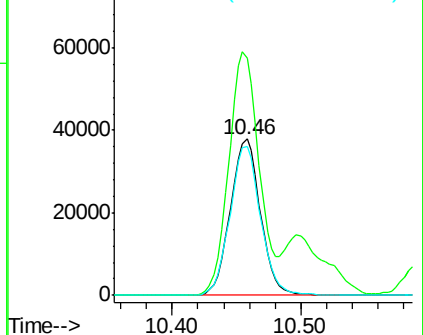
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.32 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024519.D

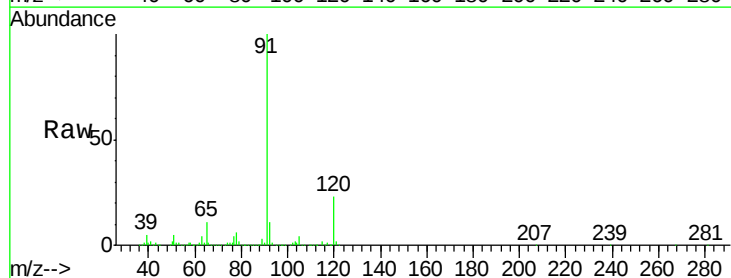
Acq: 13 Jun 2018 19:41

Tgt Ion: 91 Resp: 290325

Ion Ratio Lower Upper

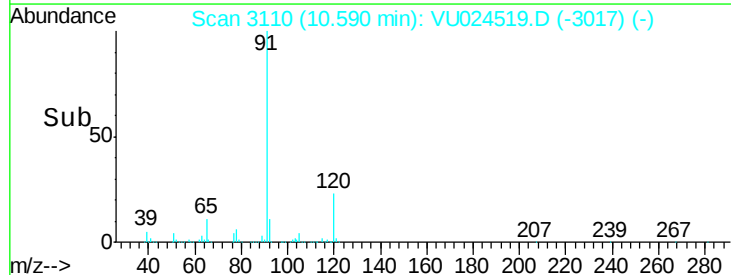
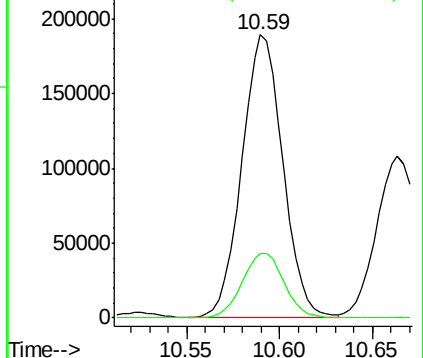
91 100

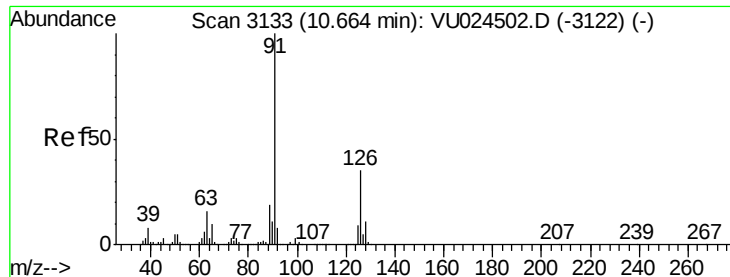
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.07 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

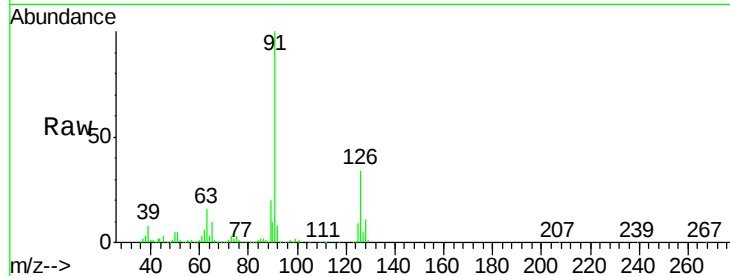
VU0613WBSD01

Tgt Ion: 91 Resp: 168970

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

200000

150000

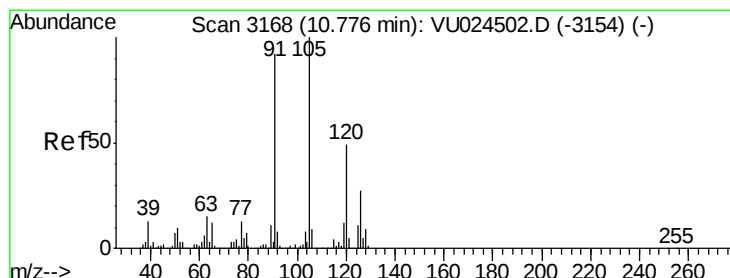
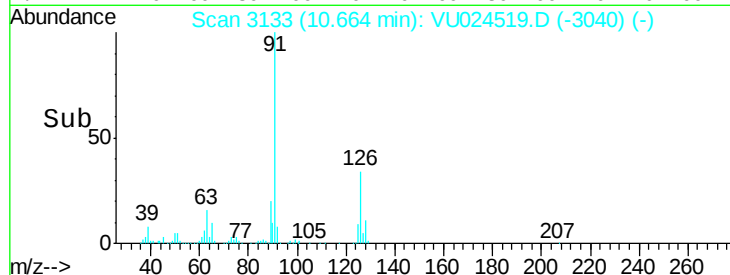
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.89 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024519.D

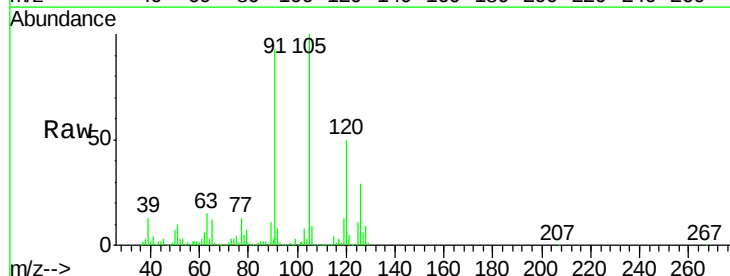
Acq: 13 Jun 2018 19:41

Tgt Ion: 105 Resp: 208861

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

150000

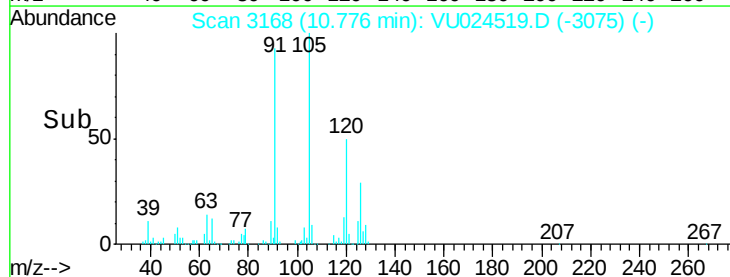
100000

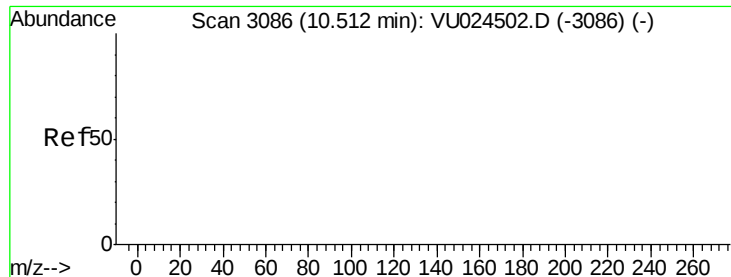
50000

0

10.70 10.75 10.80 10.85

Time-->

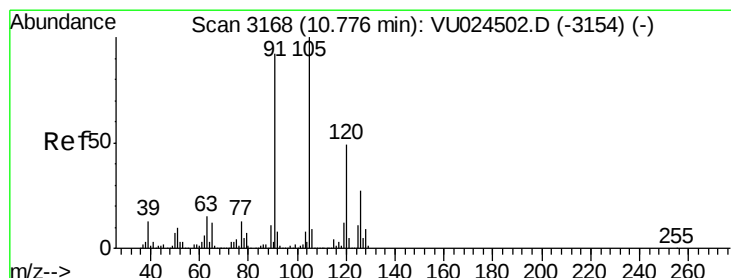
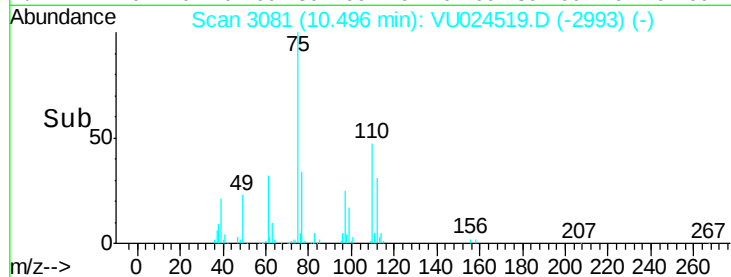
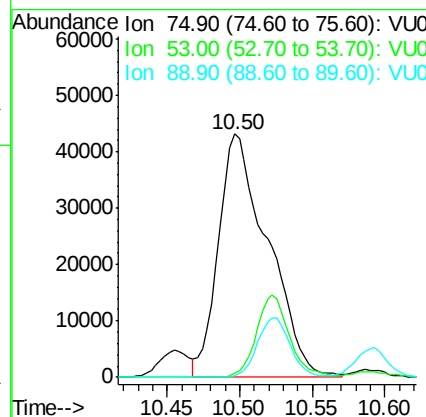
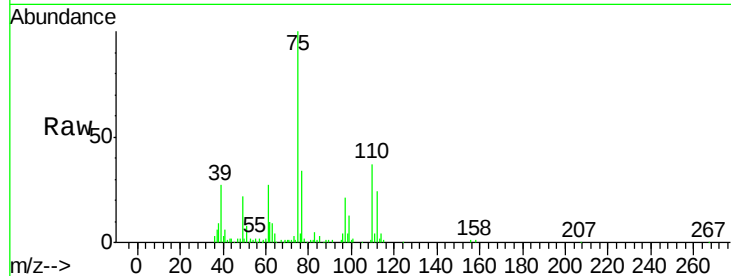




#81
trans-1,4-Dichloro-2-butene
Concen: 64.40 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

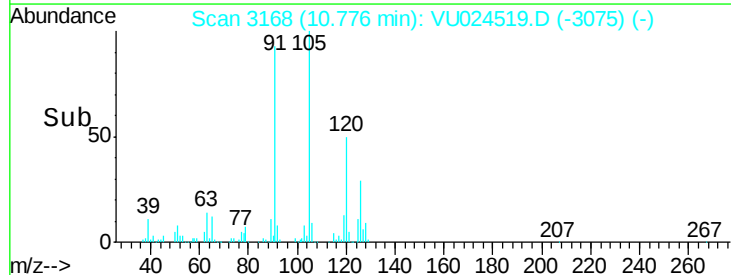
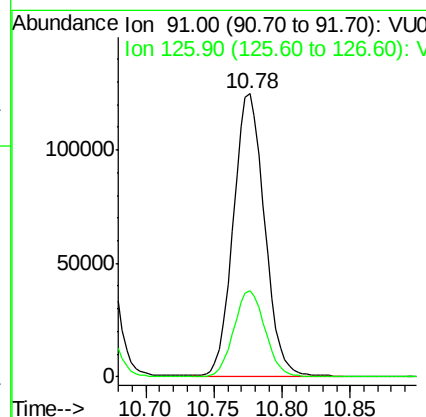
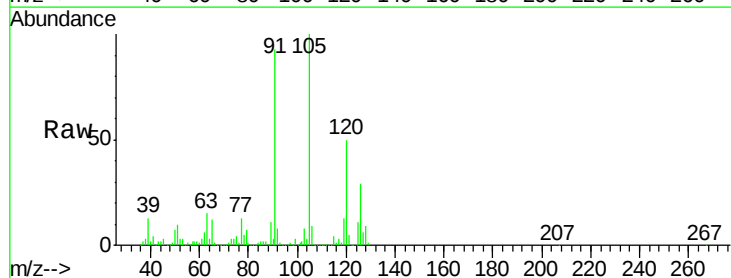
Instrument :
MSVOA_U
ClientSampleId :
VU0613WBSD01

Tgt Ion: 75 Resp: 101794
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 19.11 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024519.D
Acq: 13 Jun 2018 19:41

Tgt Ion: 91 Resp: 197099
Ion Ratio Lower Upper
91 100
126 30.9 14.9 44.9

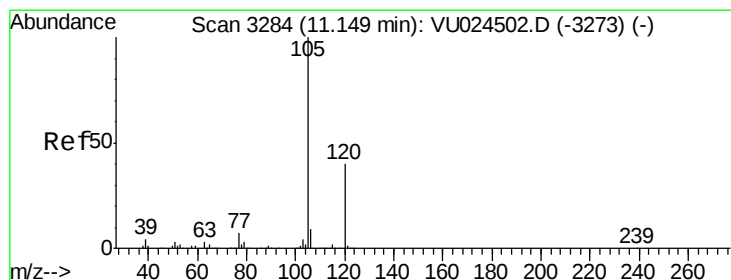
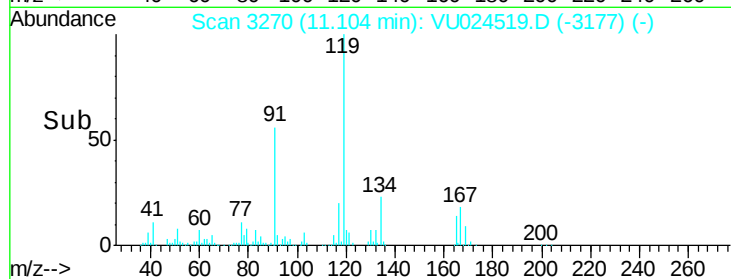
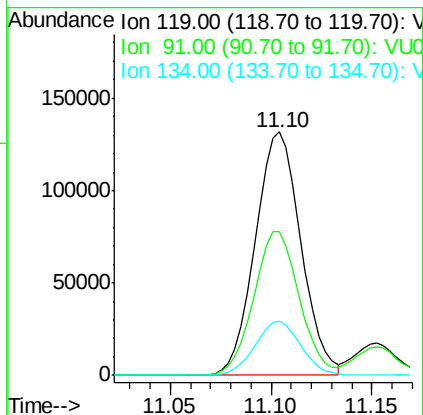
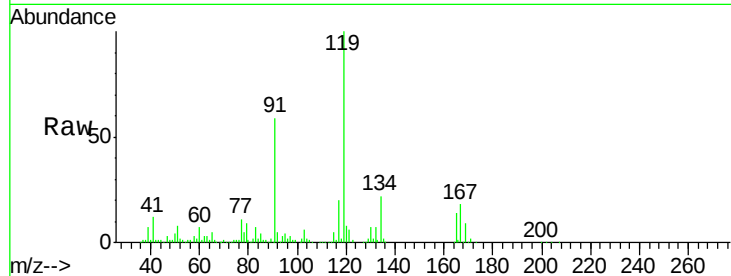




#83
 tert-Butylbenzene
 Concen: 19.52 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

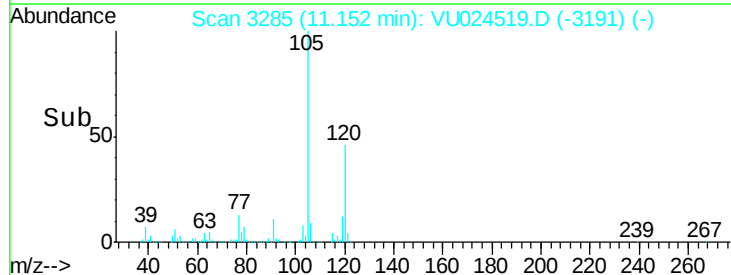
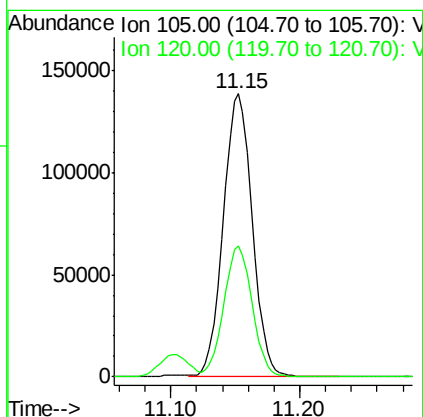
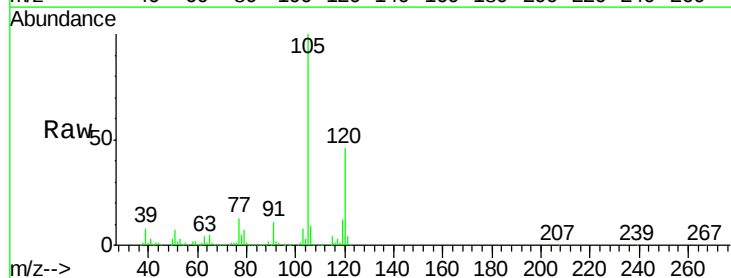
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion:119 Resp: 207677
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.7 89.1
 134 22.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.06 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion:105 Resp: 214797
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.16 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

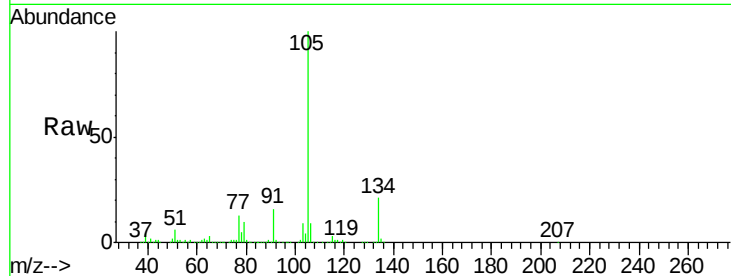
VU0613WBSD01

Tgt Ion:105 Resp: 255162

Ion Ratio Lower Upper

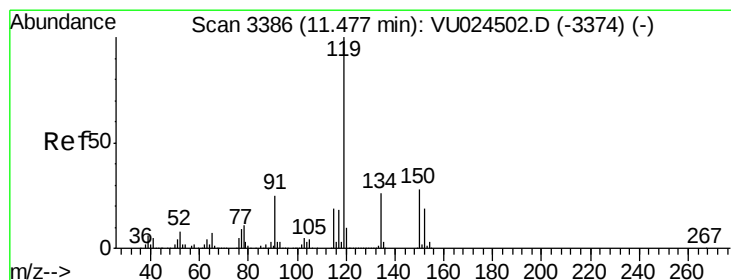
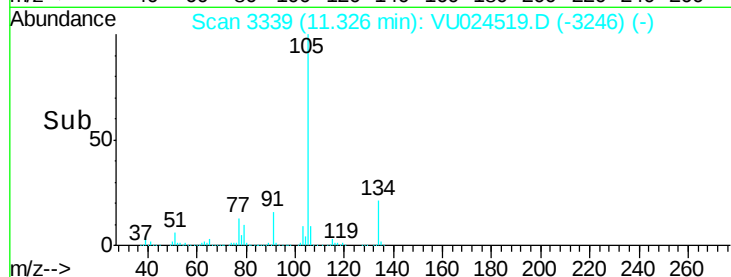
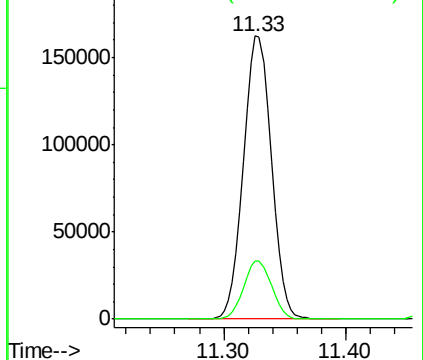
105 100

134 20.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.86 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

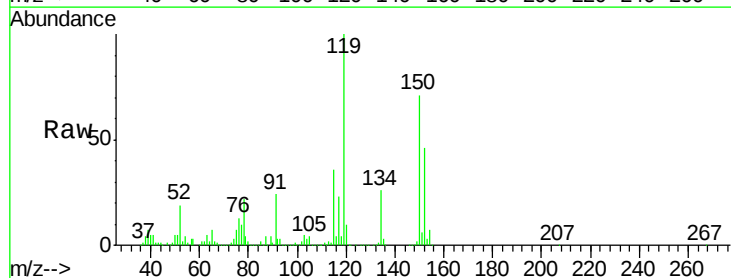
Tgt Ion:119 Resp: 224955

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

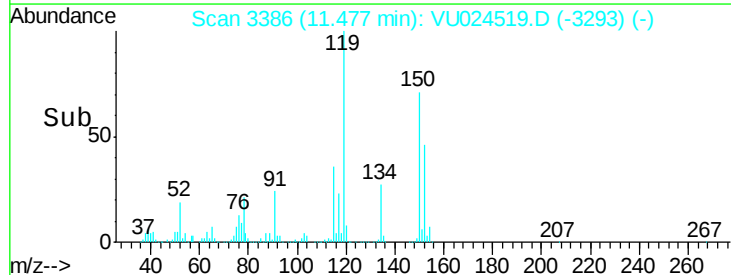
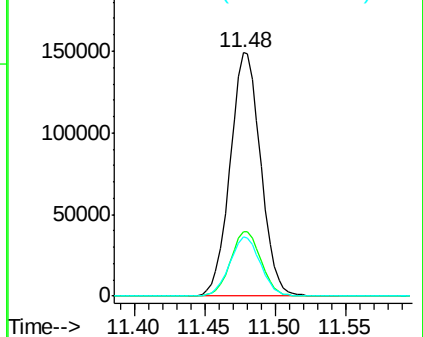
91 24.4 12.0 36.1

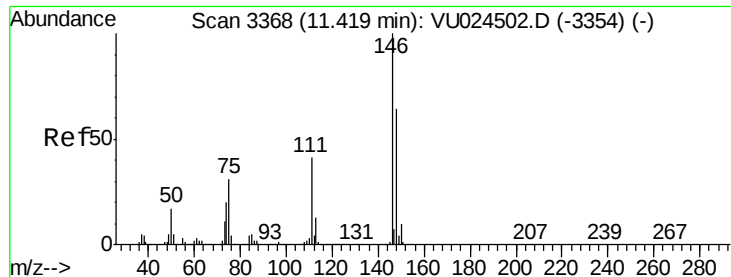


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

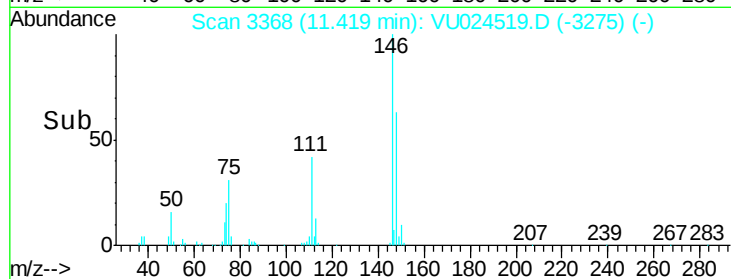
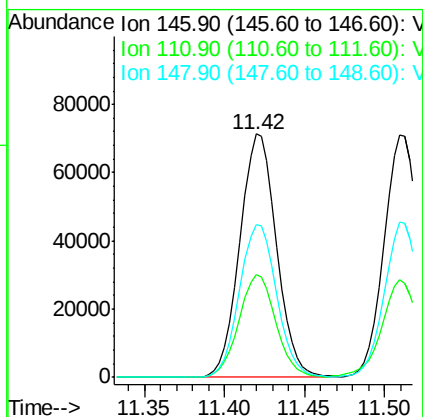
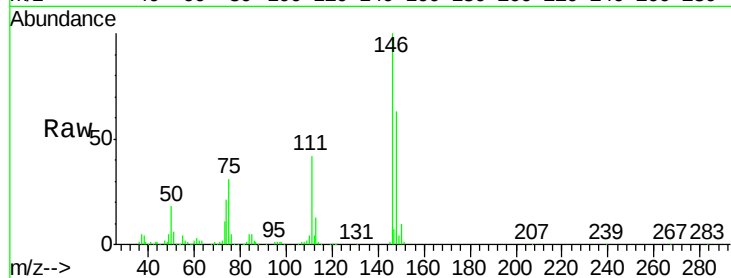




#87
 1,3-Dichlorobenzene
 Concen: 18.70 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

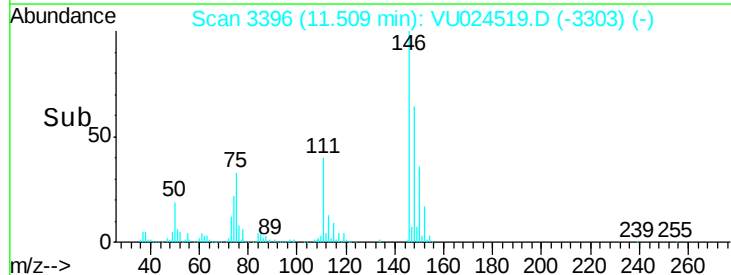
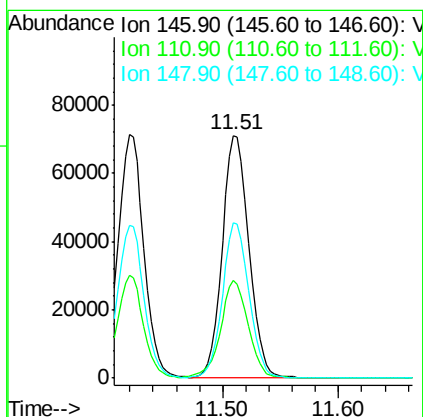
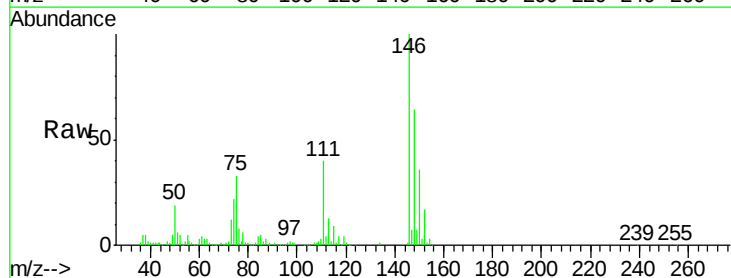
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

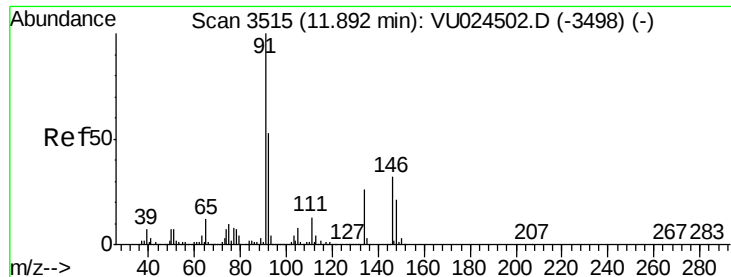
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.0	60.0
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.5	58.5
148	63.7	32.4	97.0





#89

n-Butylbenzene

Concen: 19.34 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

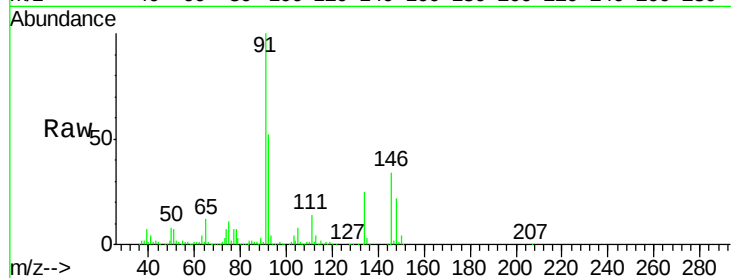
Tgt Ion: 91 Resp: 204752

Ion Ratio Lower Upper

91 100

92 52.1 25.6 76.8

134 26.0 12.3 36.8

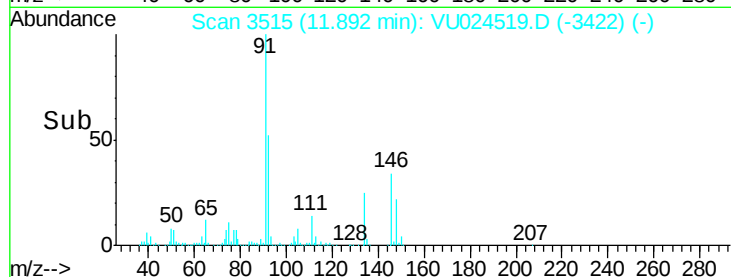


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

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

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

Time--> 11.80 11.90 12.00

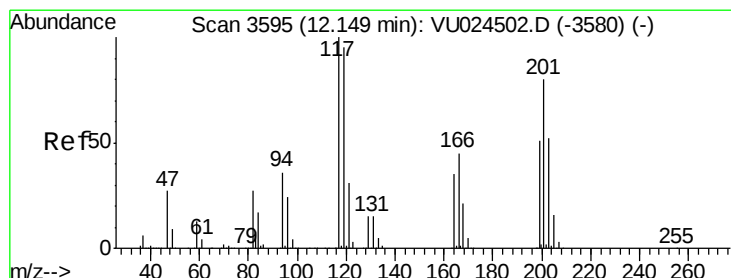


Abundance Ion 91.00 (90.70 to 91.70): VU024519.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU024519.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU024519.D (-3422) (-)

Time--> 11.80 11.90 12.00



#90

Hexachloroethane

Concen: 19.34 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024519.D

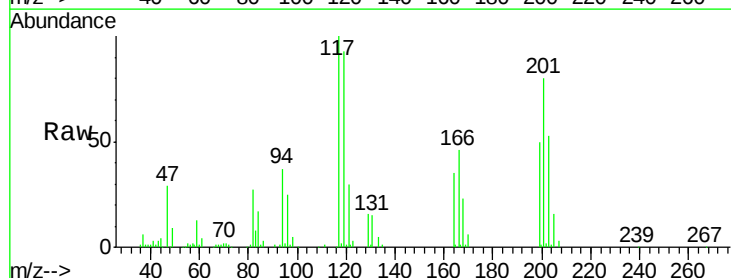
Acq: 13 Jun 2018 19:41

Tgt Ion: 117 Resp: 44986

Ion Ratio Lower Upper

117 100

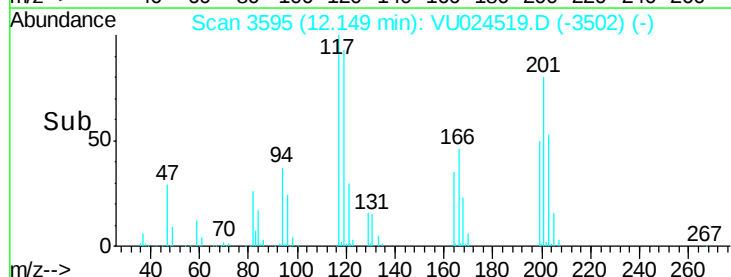
201 80.9 41.1 123.3



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

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

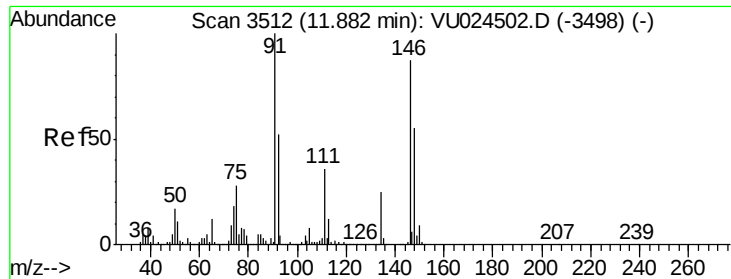
Time--> 12.10 12.15 12.20



Abundance Ion 116.80 (116.50 to 117.50): VU024519.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU024519.D (-3502) (-)

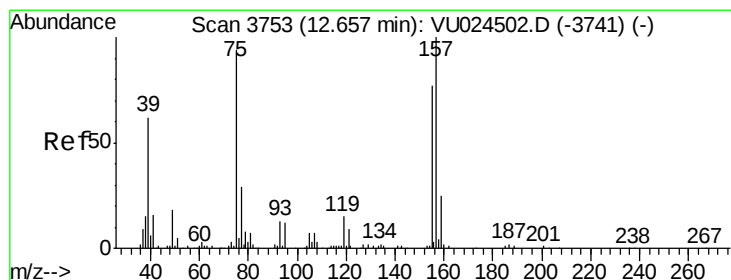
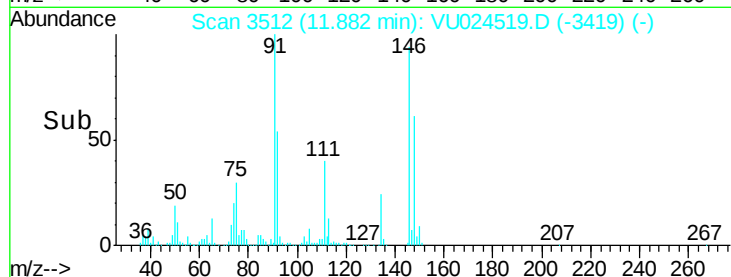
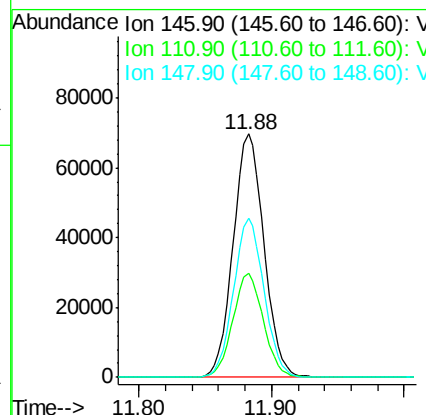
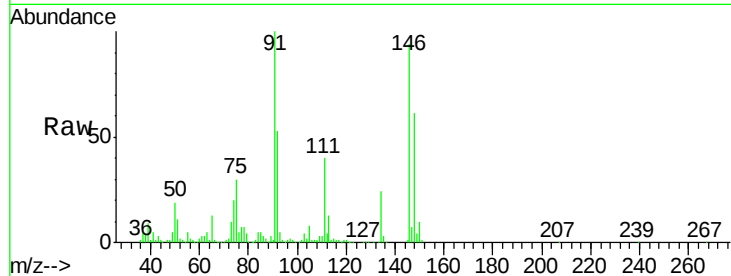
Time--> 12.10 12.15 12.20



#91
 1,2-Dichlorobenzene
 Concen: 18.88 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

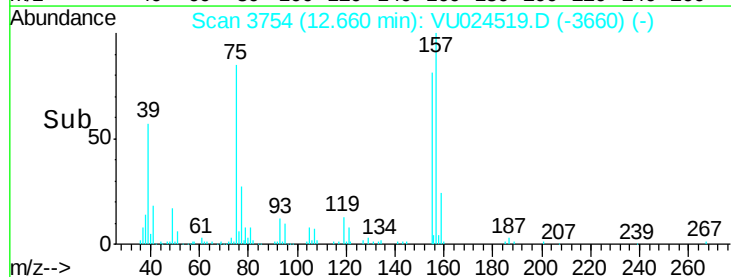
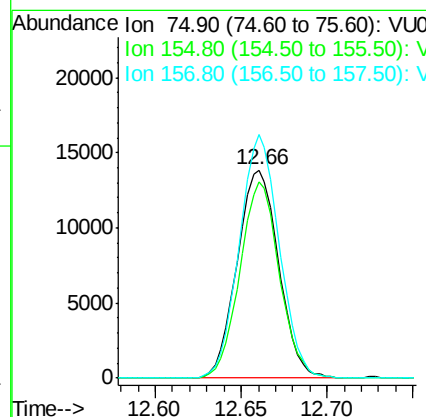
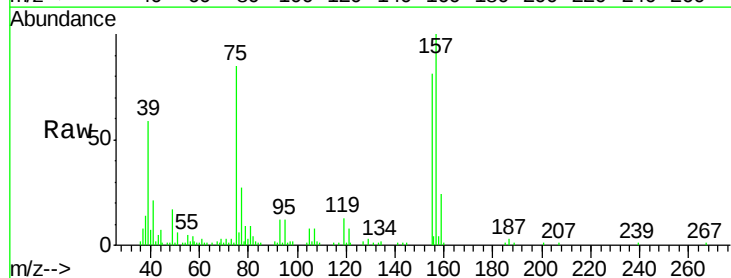
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion: 146 Resp: 112857
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.5 61.6
 148 64.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.61 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion: 75 Resp: 23138
 Ion Ratio Lower Upper
 75 100
 155 89.9 40.4 121.2
 157 112.7 52.3 156.8

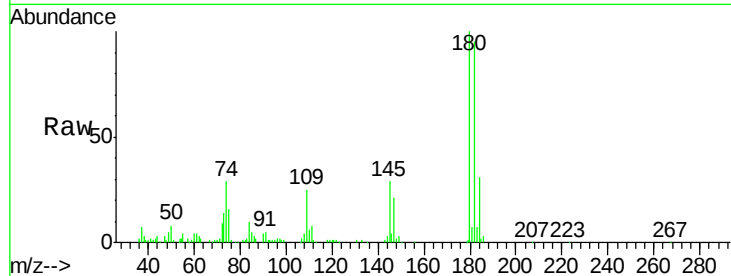




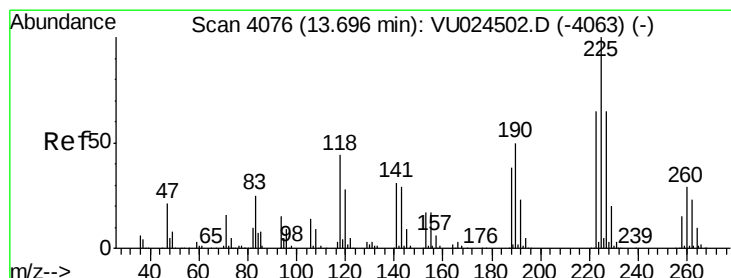
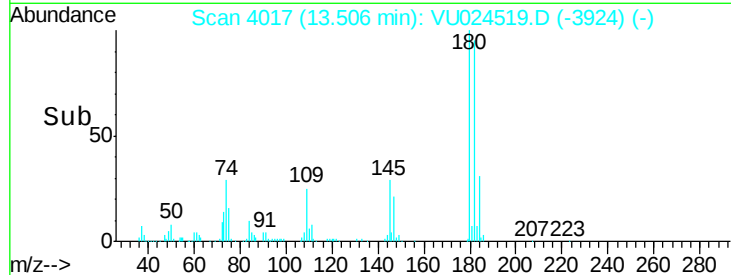
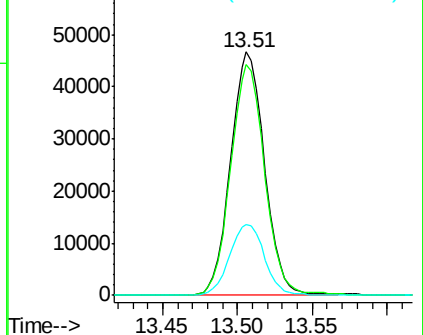
#93
 1,2,4-Trichlorobenzene
 Concen: 19.99 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0613WBSD01

Tgt Ion:180 Resp: 73791
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.2
 145 30.0 14.7 44.1

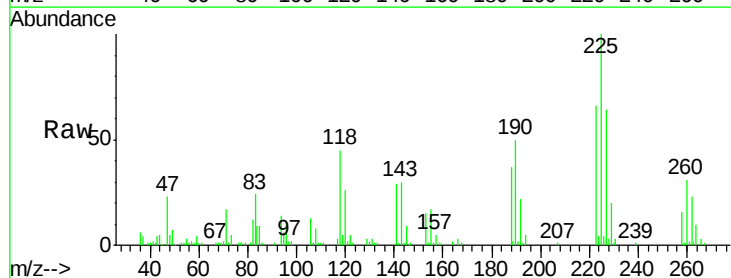


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

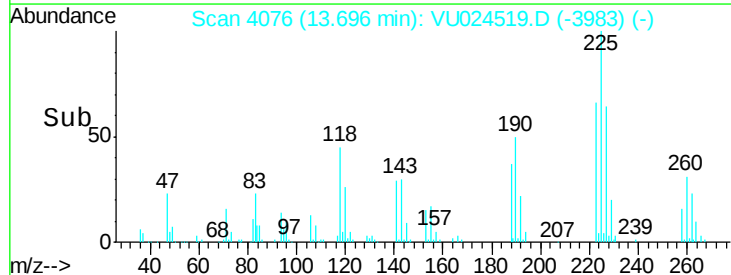
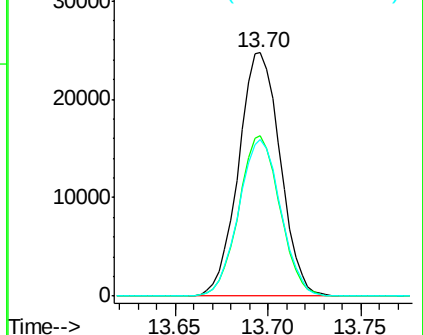


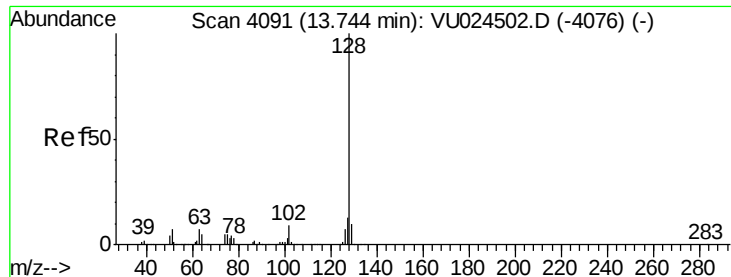
#94
 Hexachlorobutadiene
 Concen: 18.66 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024519.D
 Acq: 13 Jun 2018 19:41

Tgt Ion:225 Resp: 38773
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.3 93.8
 227 64.7 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.30 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

VU0613WBSD01

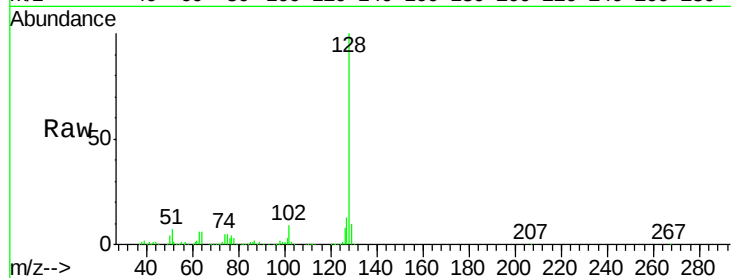
Tgt Ion:128 Resp: 230711

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

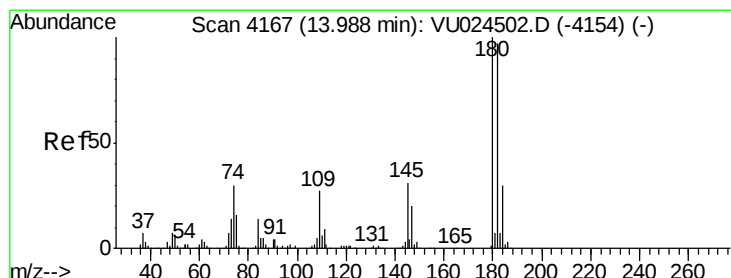
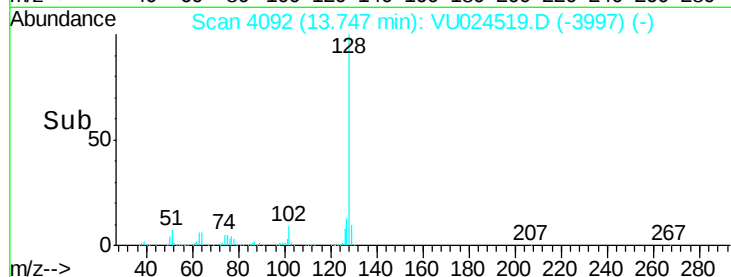
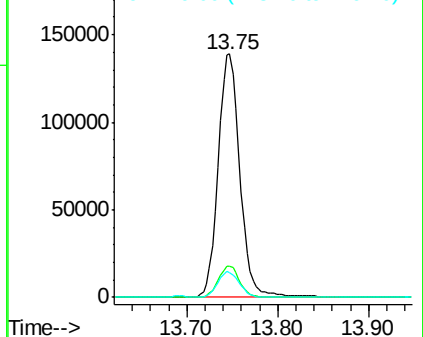
129 10.7 8.6 12.8



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: 20.75 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024519.D

Acq: 13 Jun 2018 19:41

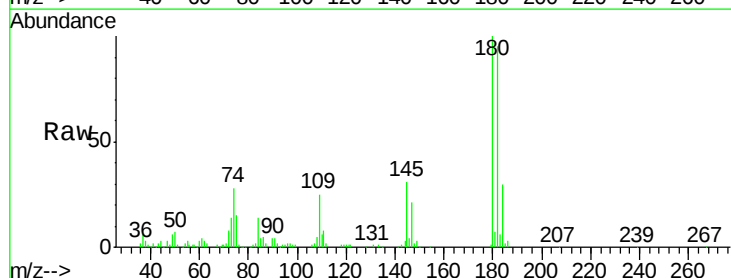
Tgt Ion:180 Resp: 76324

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 31.3 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

