

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024839.D
 Acq On : 22 Jun 2018 17:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:13:15 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	180799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265811	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	118251	40.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.12%	
35) Dibromofluoromethane	4.89	113	95015	43.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.14%	
50) Toluene-d8	7.57	98	341365	42.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.84%	
62) 4-Bromofluorobenzene	10.31	95	139140	43.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	97349	43.02	ug/l	99
3) Chloromethane	1.33	50	102043	44.14	ug/l	100
4) Vinyl Chloride	1.40	62	107373	45.03	ug/l	98
5) Bromomethane	1.62	94	72990	63.32	ug/l	98
6) Chloroethane	1.69	64	68744	51.63	ug/l	99
7) Trichlorofluoromethane	1.89	101	180874	49.71	ug/l	100
8) Diethyl Ether	2.10	74	68695	55.69	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	106267	47.07	ug/l	97
10) Methyl Iodide	2.41	142	97512	50.93	ug/l	98
11) Tert butyl alcohol	2.83	59	153747	214.18	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94351	45.83	ug/l	93
13) Acrolein	2.19	56	71680	190.15	ug/l	99
14) Allyl chloride	2.59	41	188854	49.41	ug/l	91
15) Acrylonitrile	2.94	53	332674	238.19	ug/l	99
16) Acetone	2.32	43	364204	229.65	ug/l	100
17) Carbon Disulfide	2.48	76	272891	41.40	ug/l	99
18) Methyl Acetate	2.62	43	175505	51.62	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	378711	48.94	ug/l	98
20) Methylene Chloride	2.70	84	114387	45.97	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	106271	46.87	ug/l	99
22) Diisopropyl ether	3.57	45	372899	49.21	ug/l	98
23) Vinyl Acetate	3.53	43	1629325	240.04	ug/l	99
24) 1,1-Dichloroethane	3.45	63	210751	48.35	ug/l	98
25) 2-Butanone	4.26	43	519307	243.78	ug/l	96
26) 2,2-Dichloropropane	4.23	77	199376	48.17	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	127305	48.84	ug/l	99
28) Bromochloromethane	4.55	49	81171	42.28	ug/l	88
29) Tetrahydrofuran	4.63	42	304783	231.04	ug/l	97
30) Chloroform	4.68	83	222966	50.54	ug/l	100
31) Cyclohexane	5.00	56	193943	50.11	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	199353	48.86	ug/l	96
36) 1,1-Dichloropropene	5.14	75	158608	50.78	ug/l	97
37) Ethyl Acetate	4.38	43	182509	53.61	ug/l	98
38) Carbon Tetrachloride	5.14	117	181815	52.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	205671	52.77	ug/l	95
40) Benzene	5.39	78	473025	53.15	ug/l	100
41) Methacrylonitrile	4.54	41	99901	54.43	ug/l	97
42) 1,2-Dichloroethane	5.41	62	188153	55.51	ug/l	100
43) Isopropyl Acetate	5.55	43	294513	50.05	ug/l	98
44) Trichloroethene	6.19	130	129718	51.21	ug/l	98
45) 1,2-Dichloropropane	6.44	63	127110	53.52	ug/l	99
46) Dibromomethane	6.56	93	87831	52.65	ug/l	93
47) Bromodichloromethane	6.76	83	173670	52.28	ug/l	100
48) Methyl methacrylate	6.63	41	150947	52.68	ug/l	98
49) 1,4-Dioxane	6.62	88	70096	1250.87	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	937643	253.62	ug/l	98
52) Toluene	7.64	92	303230	52.96	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	196204	52.60	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	204976	51.57	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	126142	54.19	ug/l	97
56) Ethyl methacrylate	8.02	69	201595	51.75	ug/l	98
57) 1,3-Dichloropropane	8.25	76	212509	54.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	300376	201.26	ug/l	95
59) 2-Hexanone	8.36	43	767595	254.32	ug/l	99
60) Dibromochloromethane	8.48	129	148003	50.99	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136632	52.74	ug/l	97
64) Tetrachloroethene	8.23	164	121202	50.19	ug/l	98
65) Chlorobenzene	9.12	112	348287	53.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	130707	53.01	ug/l	98
67) Ethyl Benzene	9.25	91	605892	53.25	ug/l	97
68) m/p-Xylenes	9.38	106	476153	108.99	ug/l	97
69) o-Xylene	9.78	106	233066	53.90	ug/l	96
70) Styrene	9.80	104	375725	52.88	ug/l	99
71) Bromoform	9.96	173	116329	49.64	ug/l #	99
73) Isopropylbenzene	10.17	105	634480	52.00	ug/l	99
74) N-amyl acetate	10.01	43	279392	48.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206990	50.62	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	247621	70.77	ug/l	85
77) Bromobenzene	10.45	156	159709	51.70	ug/l	94
78) n-propylbenzene	10.59	91	735579	51.17	ug/l	97
79) 2-Chlorotoluene	10.66	91	430709	50.81	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	556442	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	247621	163.78	ug/l #	100
82) 4-Chlorotoluene	10.78	91	509090	51.60	ug/l	99
83) tert-Butylbenzene	11.10	119	546599	53.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	569121	52.80	ug/l	100
85) sec-Butylbenzene	11.33	105	671338	52.72	ug/l	97
86) p-Isopropyltoluene	11.48	119	602752	52.85	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	300542	52.66	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	305570	53.19	ug/l	99
89) n-Butylbenzene	11.89	91	524812	51.83	ug/l	97
90) Hexachloroethane	12.15	117	105982	47.63	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	311291	54.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57090	50.60	ug/l	93

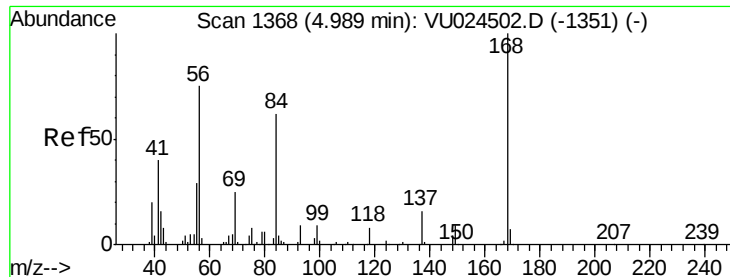
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	219076	62.06	ug/l	99
94) Hexachlorobutadiene	13.70	225	110643	55.68	ug/l	99
95) Naphthalene	13.74	128	706262	60.29	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228120	64.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

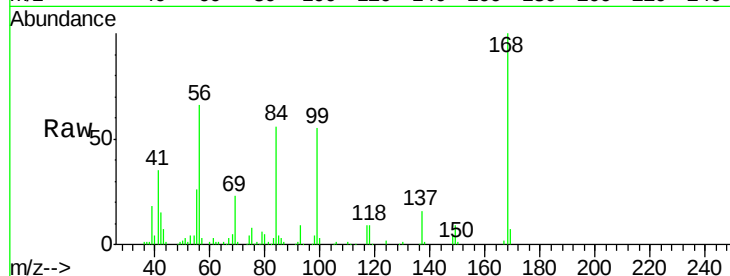
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 180799

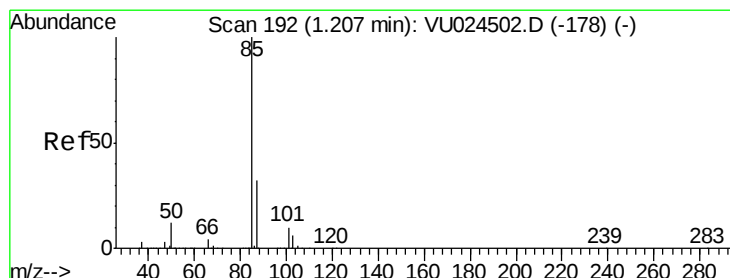
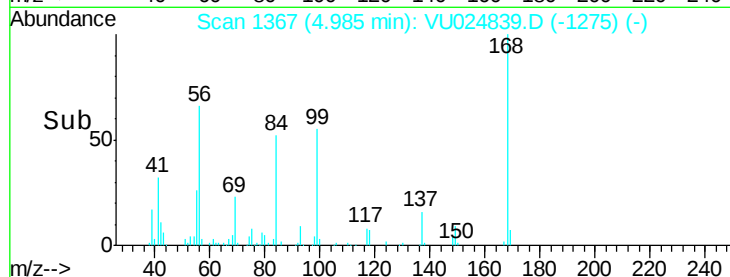
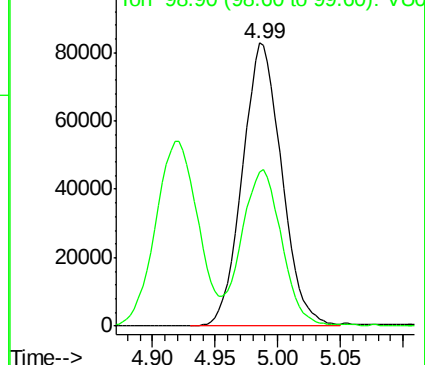
Ion Ratio Lower Upper

168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024839.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 43.02 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024839.D

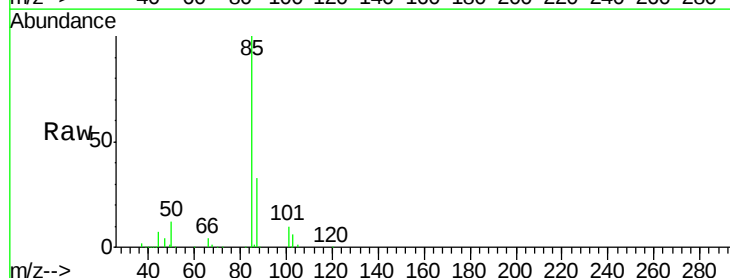
Acq: 22 Jun 2018 17:22

Tgt Ion: 85 Resp: 97349

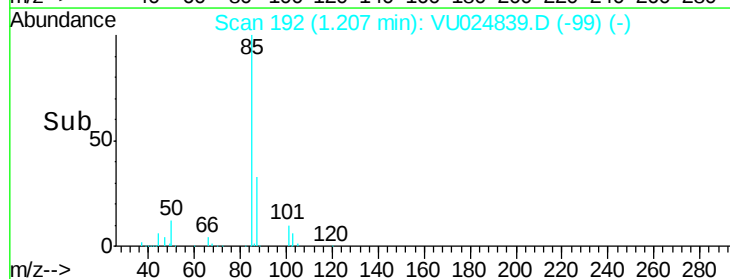
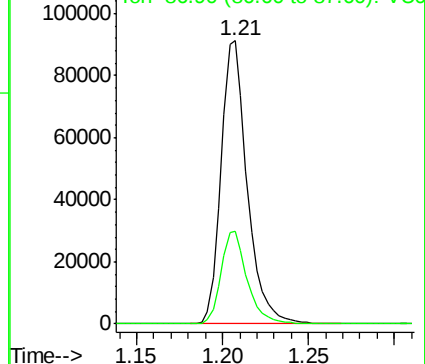
Ion Ratio Lower Upper

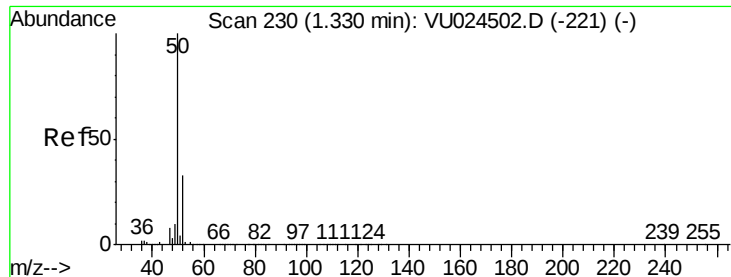
85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024839.D (-99) (-)





#3

Chloromethane

Concen: 44.14 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

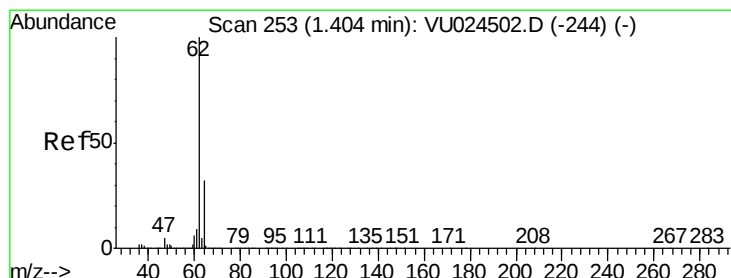
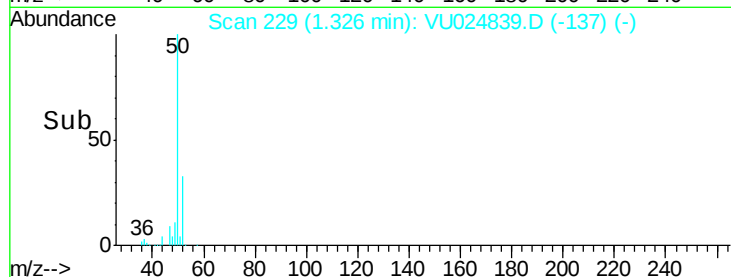
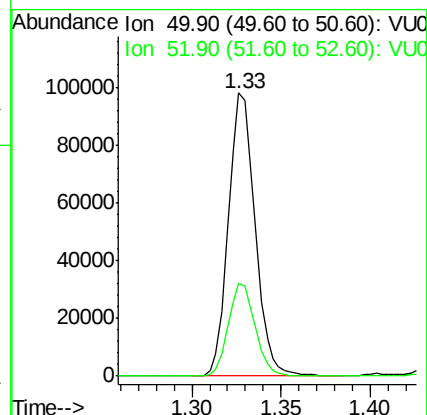
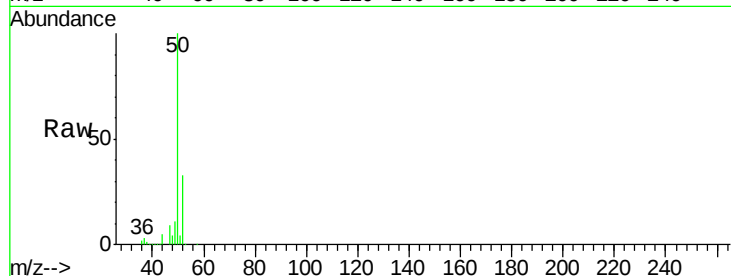
ClientSampled :

Tot Ion: 50 Resp: 102043

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6



#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024839.D

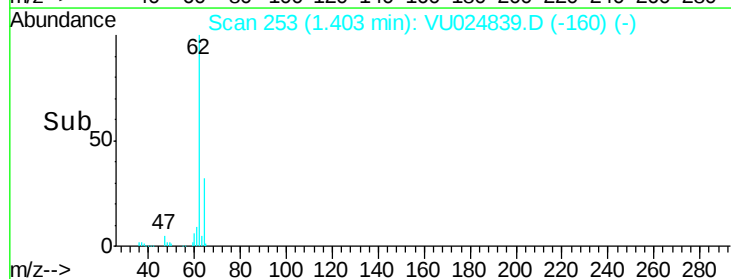
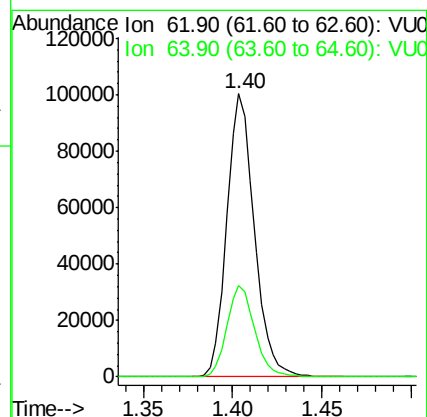
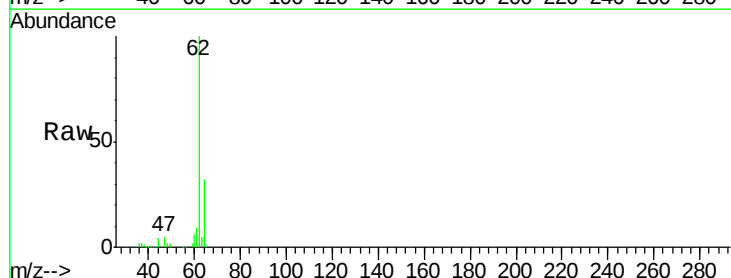
Acq: 22 Jun 2018 17:22

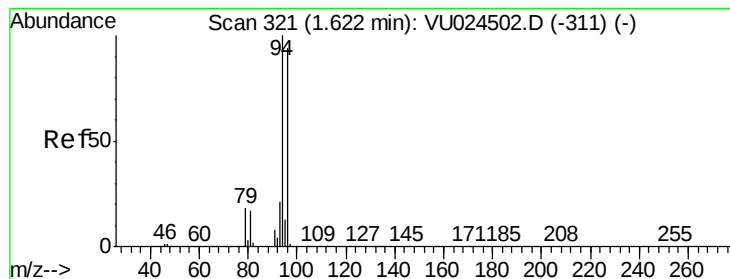
Tgt Ion: 62 Resp: 107373

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 63.32 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

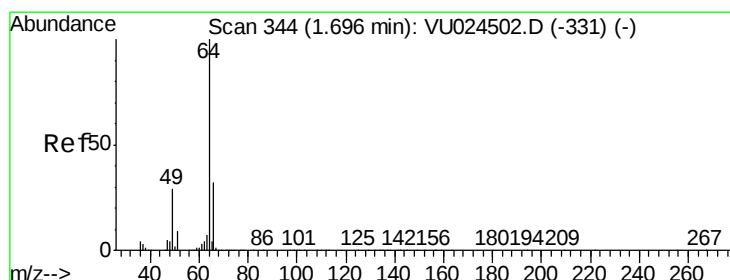
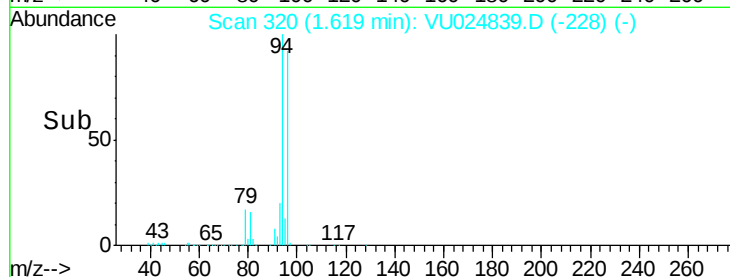
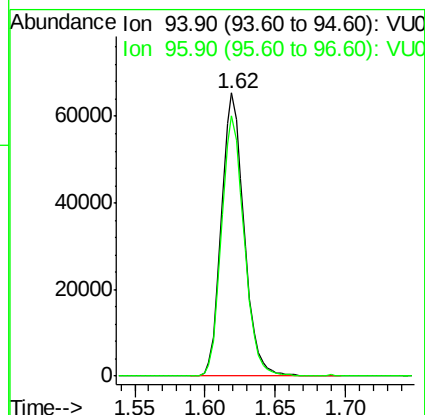
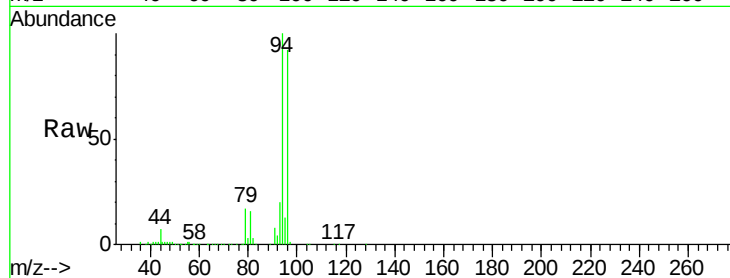
ClientSampleId :

Tot Ion: 94 Resp: 72990

Ion Ratio Lower Upper

94 100

96 91.6 74.5 111.7



#6

Chloroethane

Concen: 51.63 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024839.D

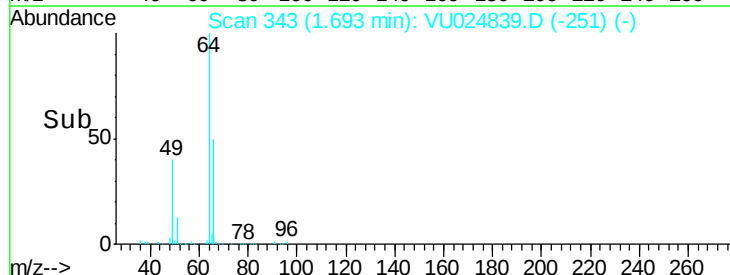
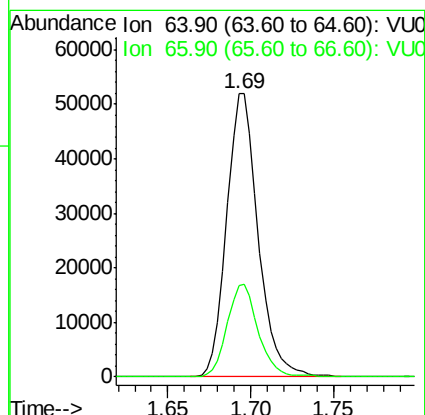
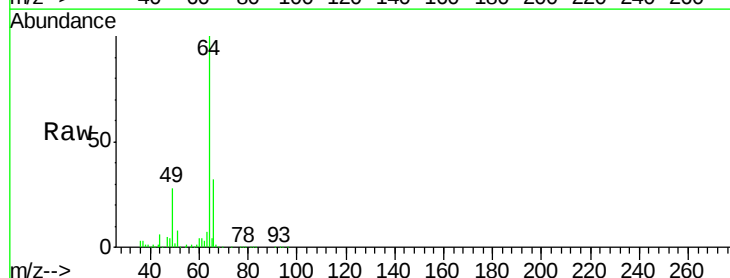
Acq: 22 Jun 2018 17:22

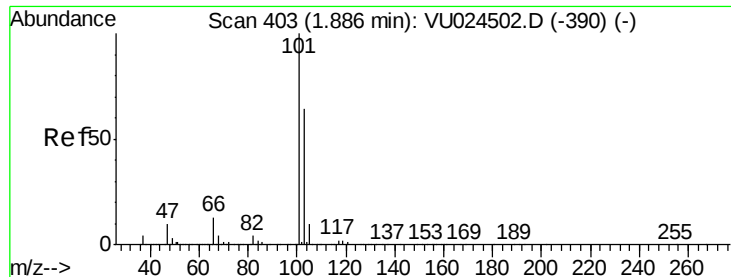
Tgt Ion: 64 Resp: 68744

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

Trichlorofluoromethane

Concen: 49.71 ug/l

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

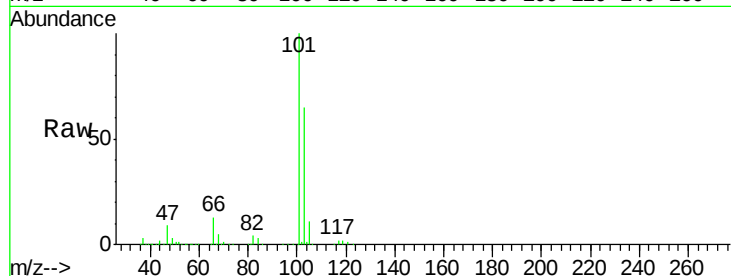
ClientSampleId :

Tot Ion:101 Resp: 180874

Ion Ratio Lower Upper

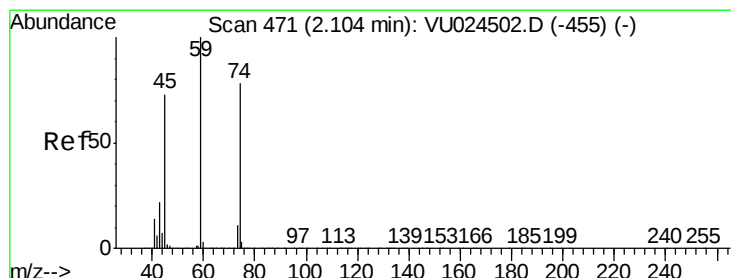
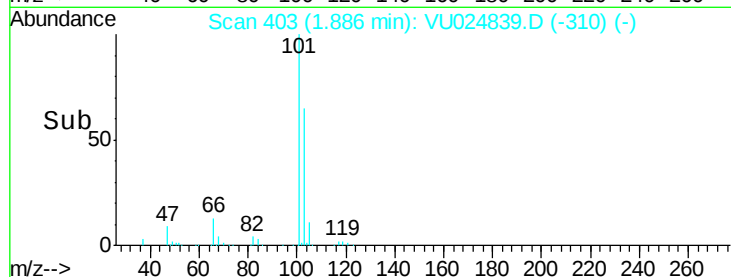
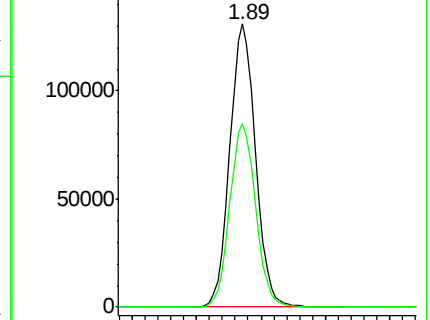
101 100

103 65.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.69 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024839.D

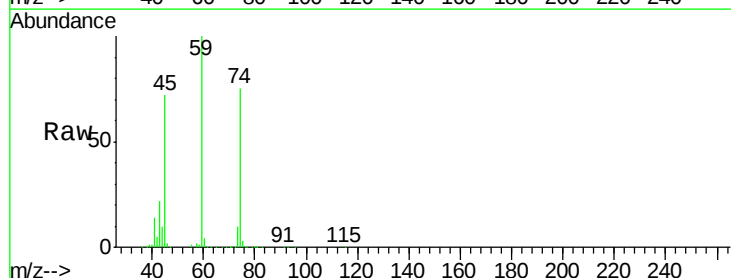
Acq: 22 Jun 2018 17:22

Tgt Ion: 74 Resp: 68695

Ion Ratio Lower Upper

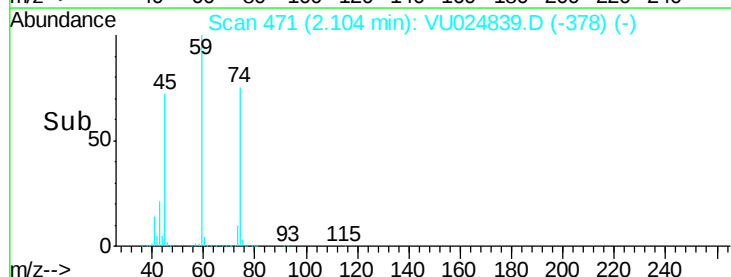
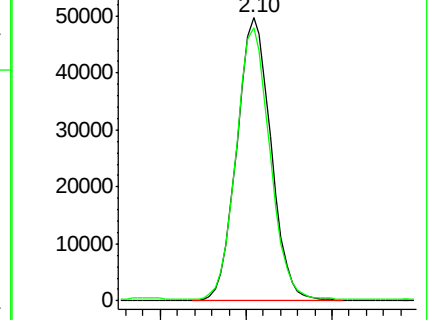
74 100

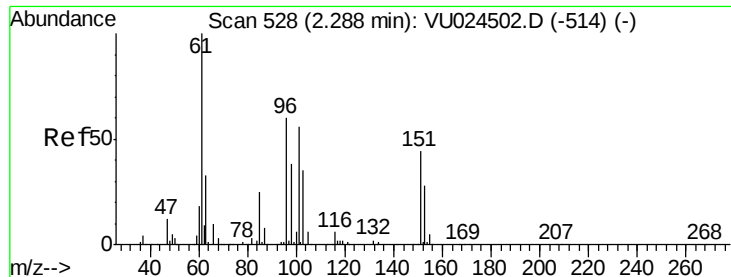
45 94.8 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.07 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024839.D

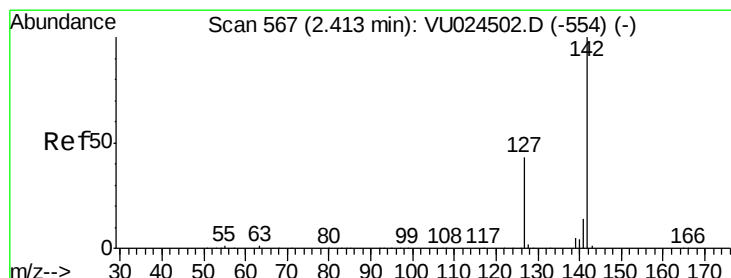
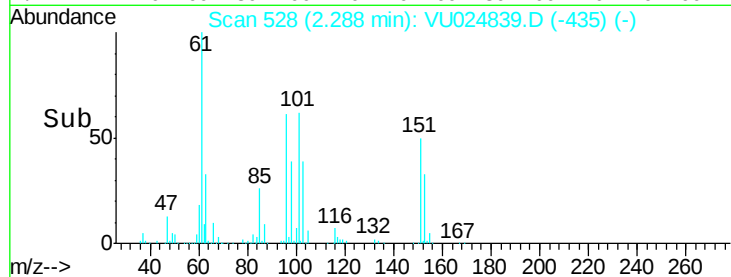
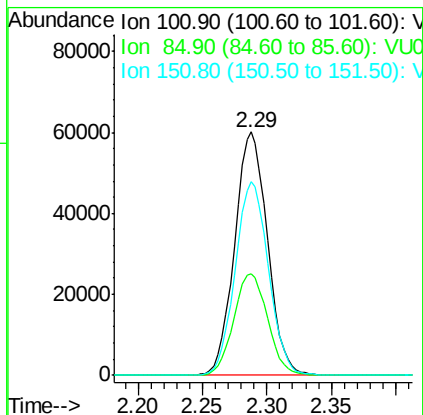
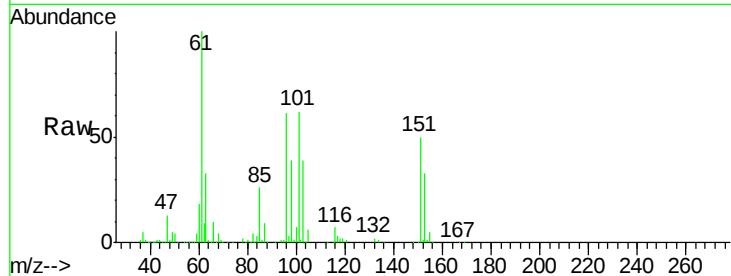
Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:	101	Resp:	106267
Ion	Ratio	Lower	Upper
101	100		
85	43.2	36.0	54.0
151	80.8	62.3	93.5



#10

Methyl Iodide

Concen: 50.93 ug/l

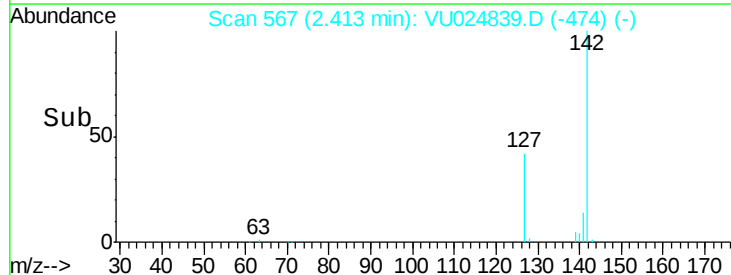
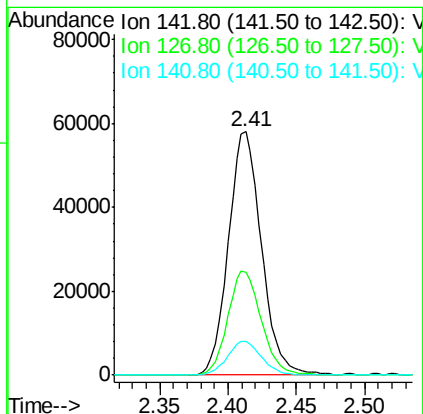
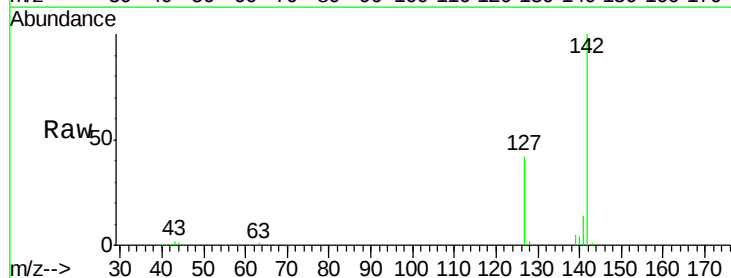
RT: 2.41 min Scan# 567

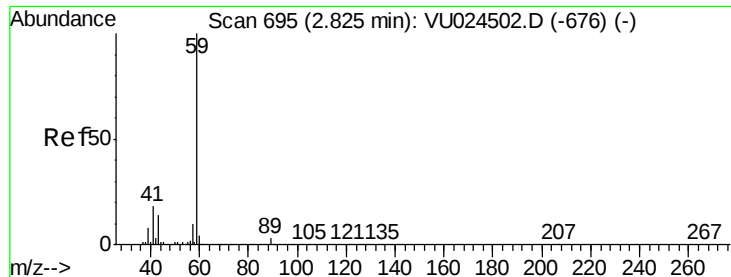
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	142	Resp:	97512
Ion	Ratio	Lower	Upper
142	100		
127	43.2	35.6	53.4
141	14.2	11.7	17.5

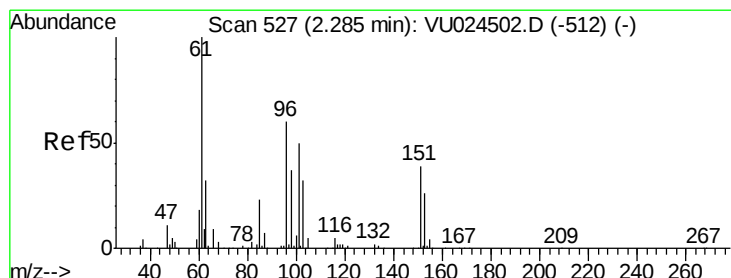
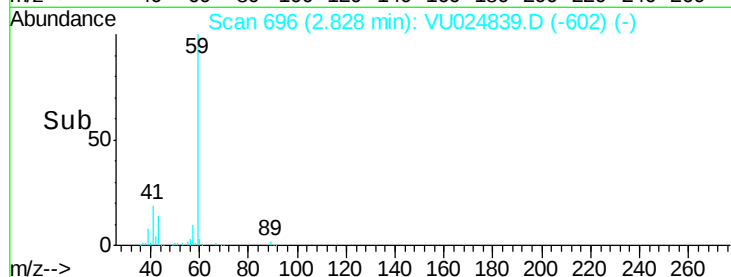
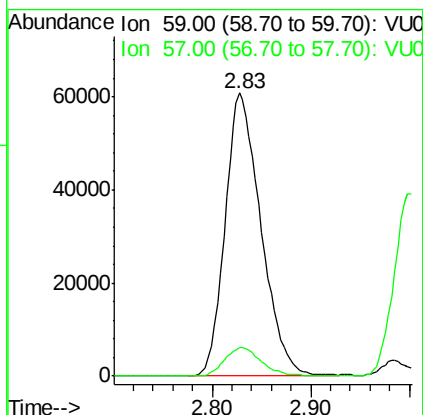
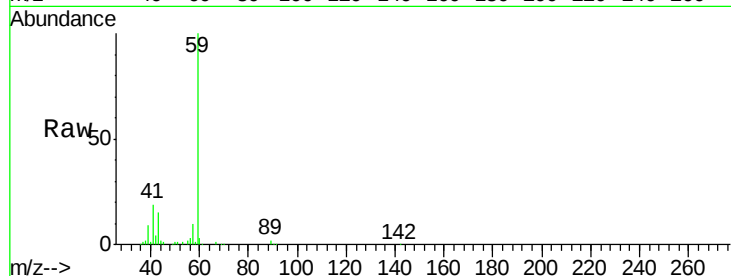




#11
Tert butyl alcohol
Concen: 214.18 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

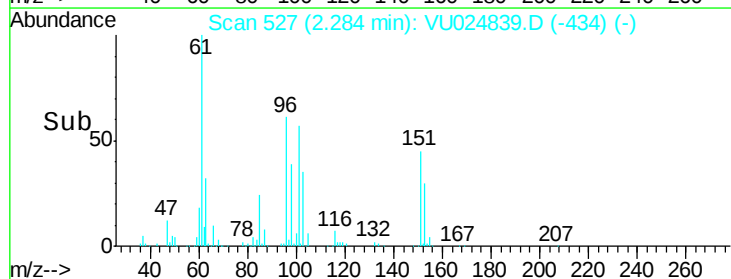
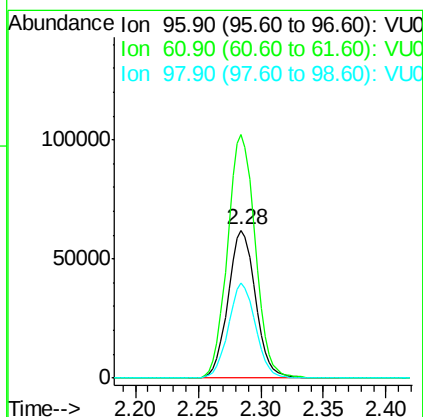
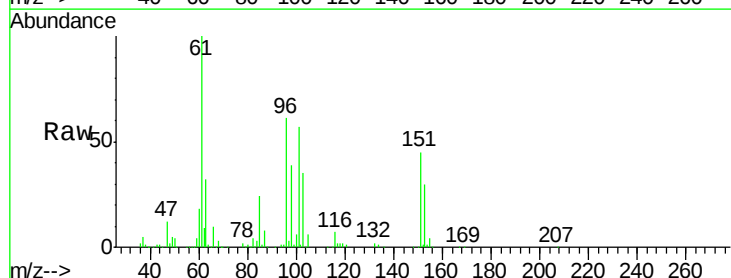
Instrument :
MSVOA_U
ClientSampleId :

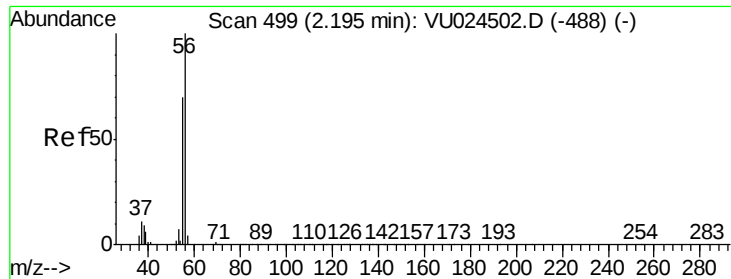
Tot Ion: 59 Resp: 153747
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.83 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 96 Resp: 94351
Ion Ratio Lower Upper
96 100
61 164.4 141.7 212.5
98 63.9 51.6 77.4

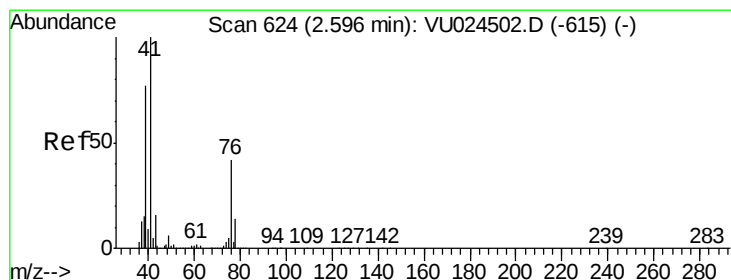
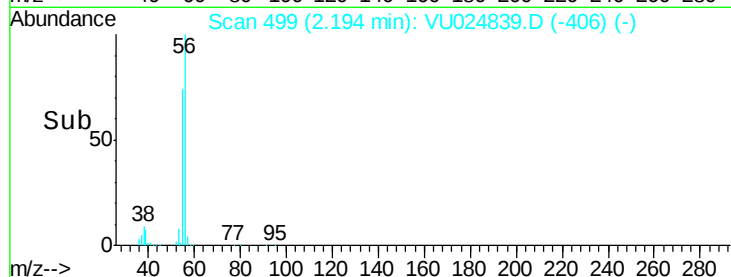
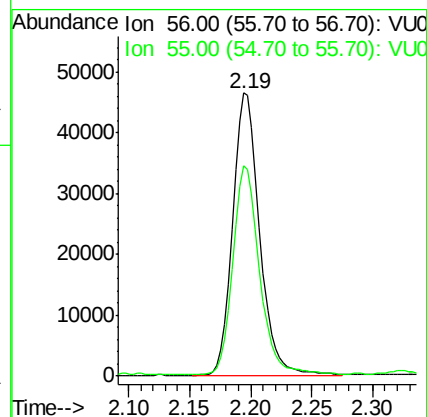
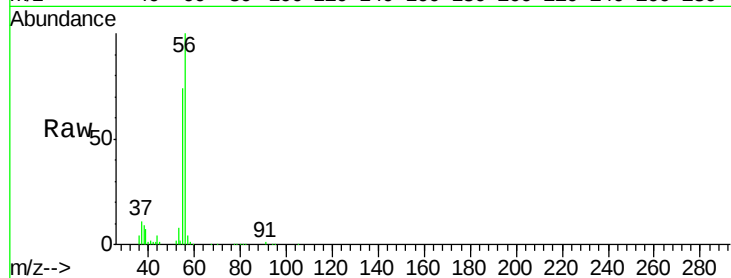




#13
Acrolein
Concen: 190.15 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

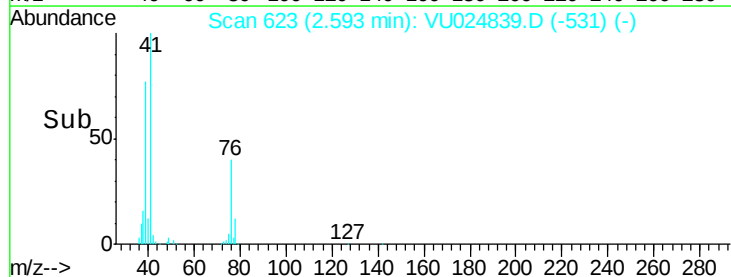
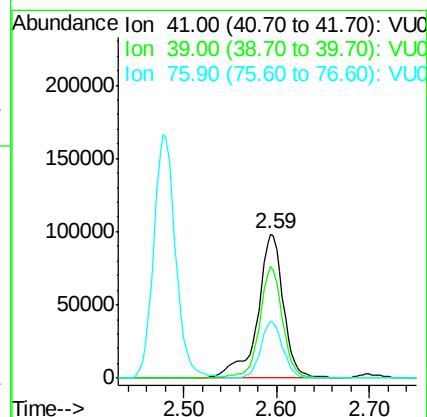
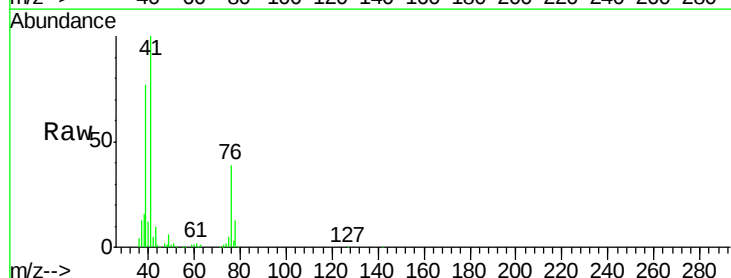
Instrument :
MSVOA_U
ClientSampleId :

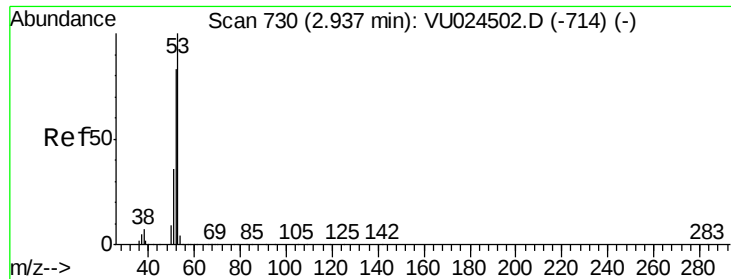
Tot Ion: 56 Resp: 71680
Ion Ratio Lower Upper
56 100
55 73.5 58.4 87.6



#14
Allyl chloride
Concen: 49.41 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 41 Resp: 188854
Ion Ratio Lower Upper
41 100
39 68.1 61.6 92.4
76 33.7 29.7 44.5





#15

Acrylonitrile

Concen: 238.19 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampled :

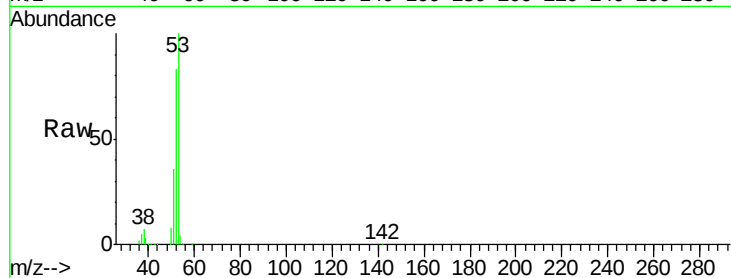
Tot Ion: 53 Resp: 332674

Ion Ratio Lower Upper

53 100

52 82.9 67.1 100.7

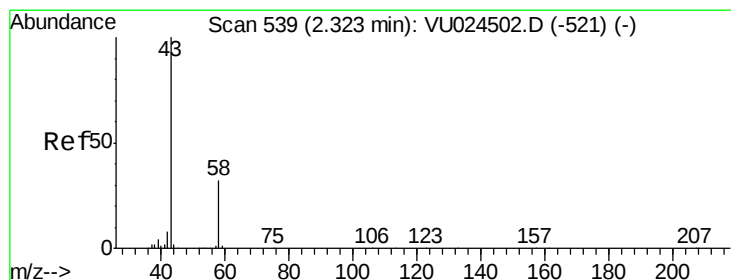
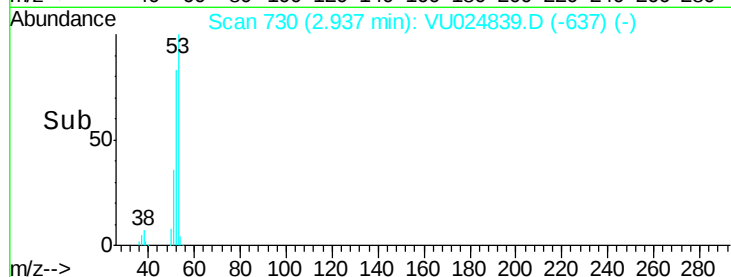
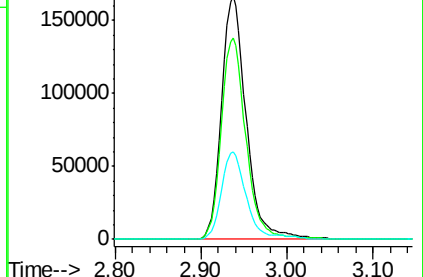
51 36.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU024839.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU024839.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU024839.D (-637) (-)



#16

Acetone

Concen: 229.65 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024839.D

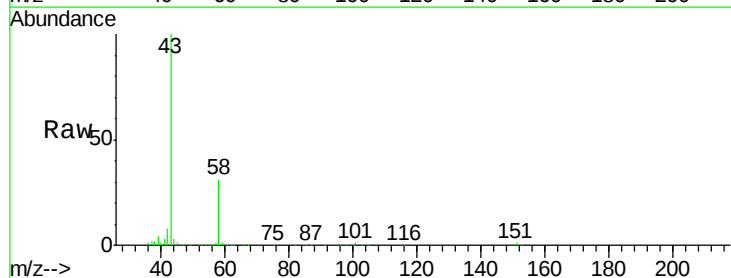
Acq: 22 Jun 2018 17:22

Tgt Ion: 43 Resp: 364204

Ion Ratio Lower Upper

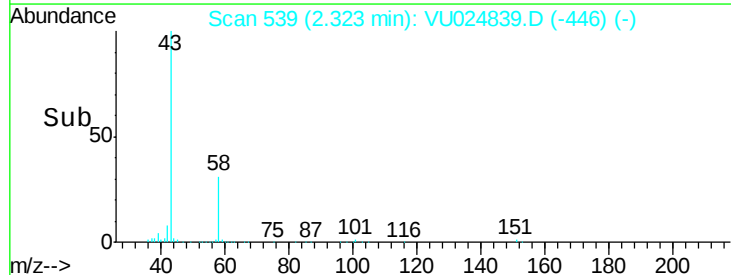
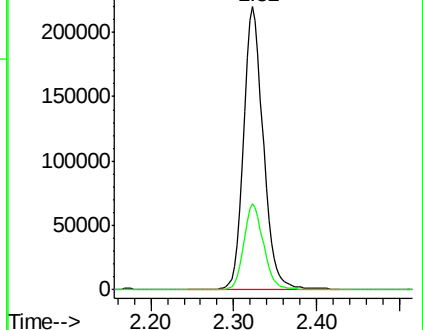
43 100

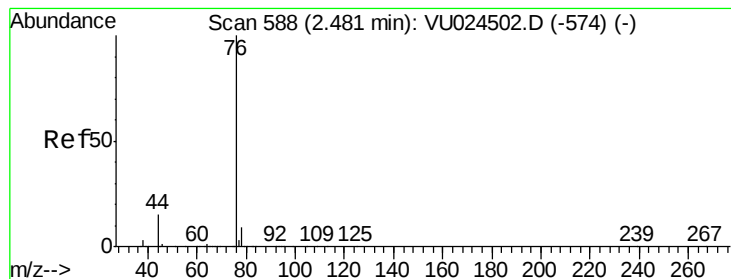
58 30.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024839.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024839.D (-446) (-)





#17

Carbon Disulfide

Concen: 41.40 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

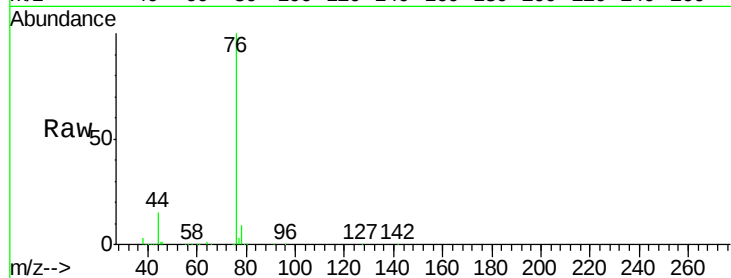
ClientSampleId :

Tot Ion: 76 Resp: 272891

Ion Ratio Lower Upper

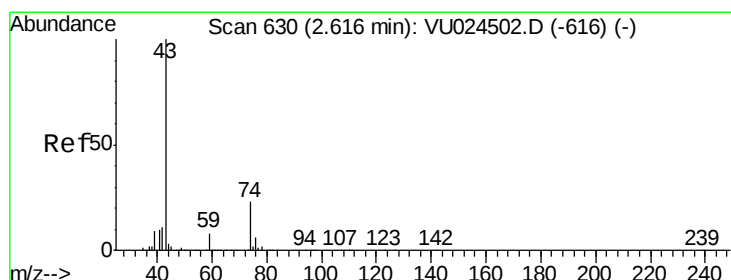
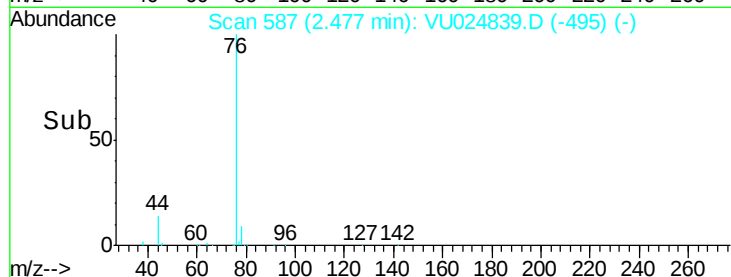
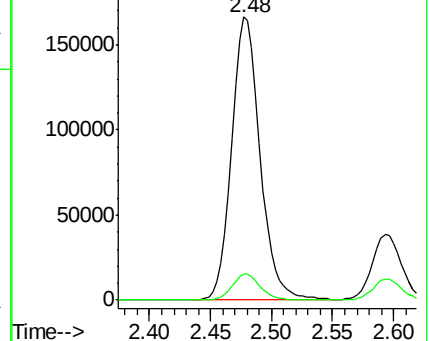
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 51.62 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024839.D

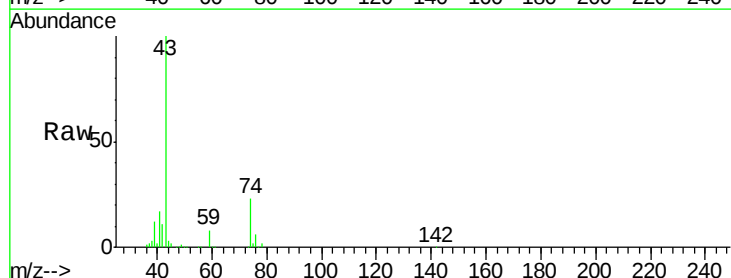
Acq: 22 Jun 2018 17:22

Tgt Ion: 43 Resp: 175505

Ion Ratio Lower Upper

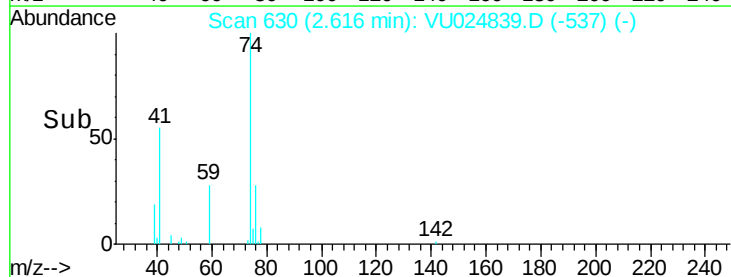
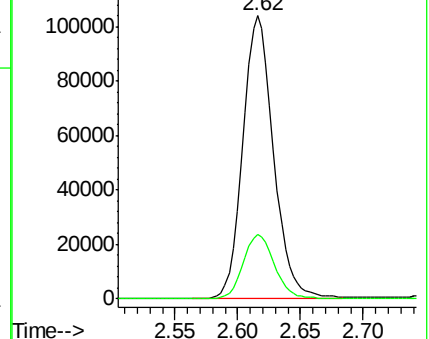
43 100

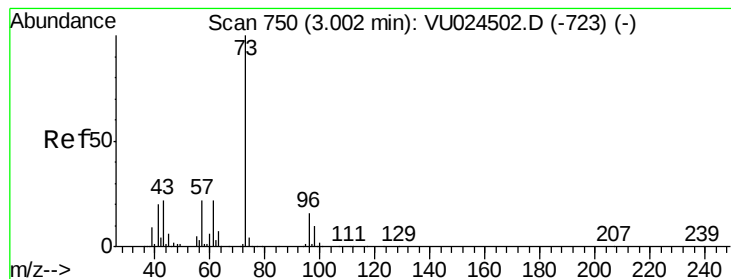
74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



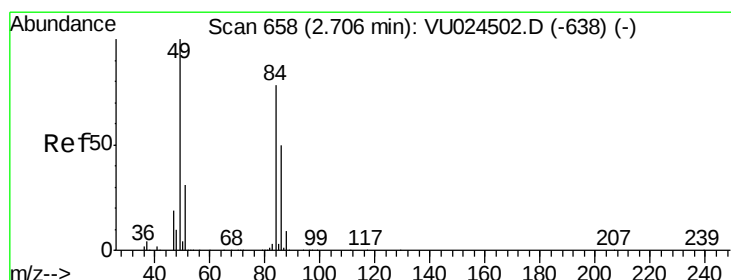
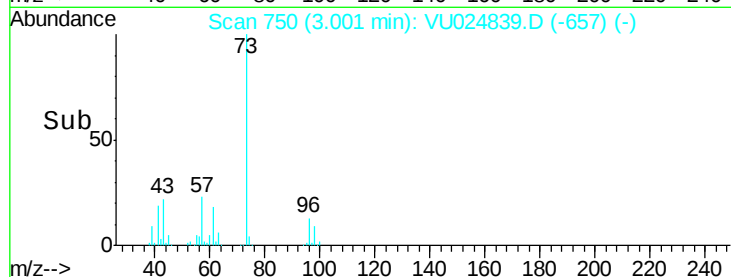
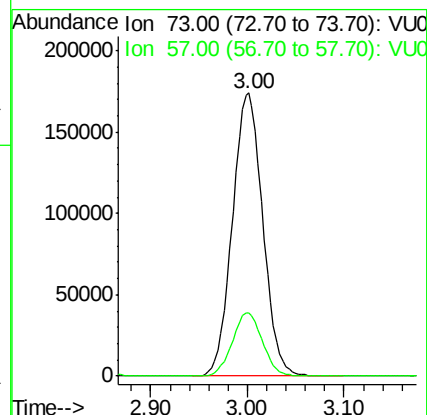
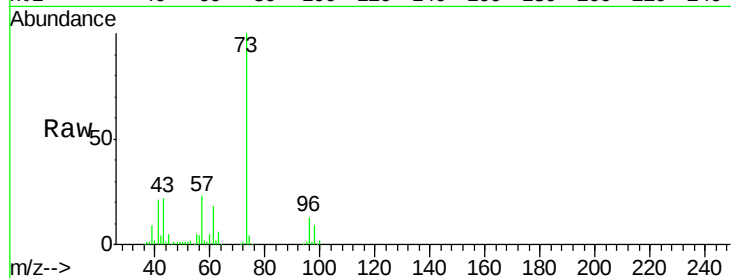


#19

Methyl tert-butyl Ether
 Concen: 48.94 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :

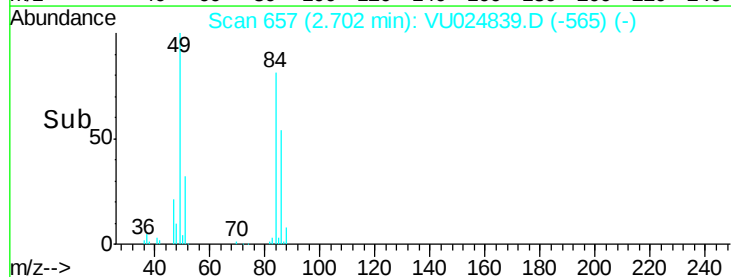
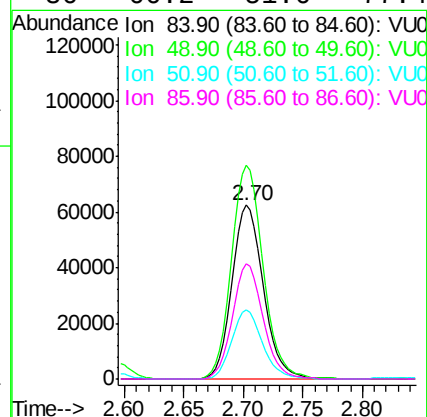
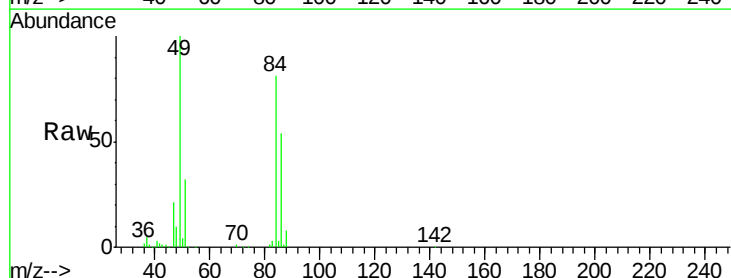
Tot Ion: 73 Resp: 378711
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2

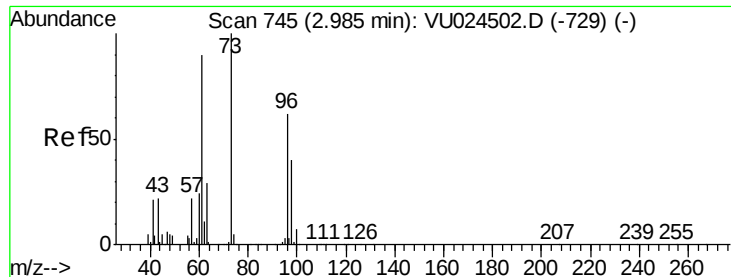


#20

Methylene Chloride
 Concen: 45.97 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 84 Resp: 114387
 Ion Ratio Lower Upper
 84 100
 49 123.0 103.8 155.8
 51 39.8 32.0 48.0
 86 66.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 46.87 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

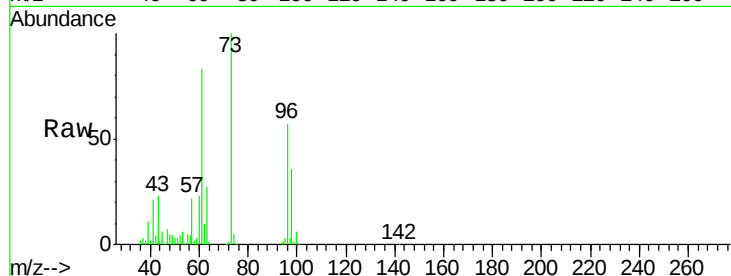
Tot Ion: 96 Resp: 106271

Ion Ratio Lower Upper

96 100

61 147.5 119.4 179.0

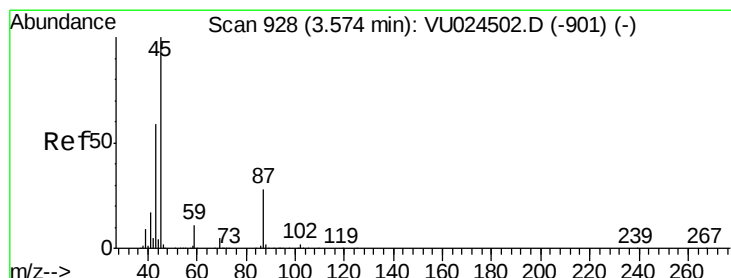
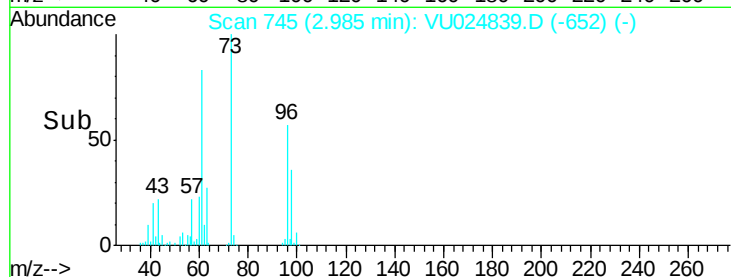
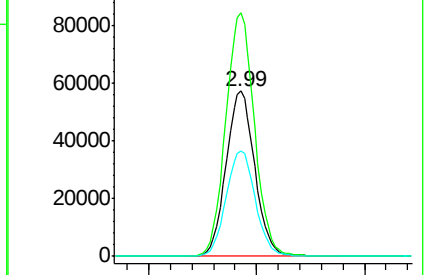
98 64.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024839.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024839.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024839.D (-652) (-)



#22

Diisopropyl ether

Concen: 49.21 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion: 45 Resp: 372899

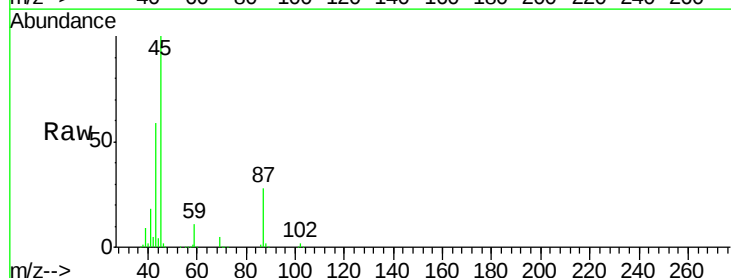
Ion Ratio Lower Upper

45 100

43 57.6 45.8 68.6

87 28.0 20.6 31.0

59 11.3 9.4 14.0

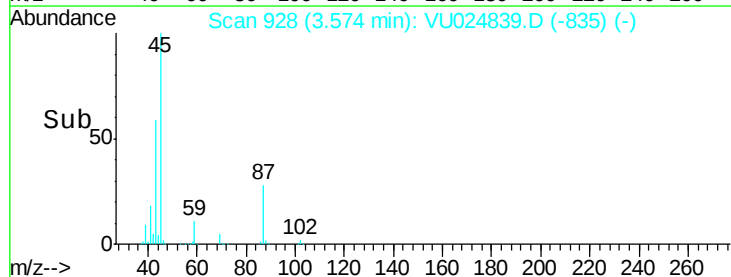
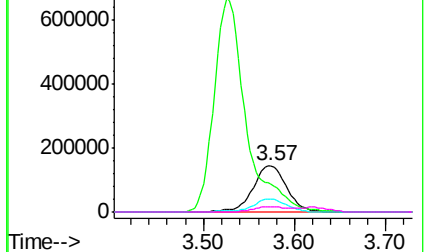


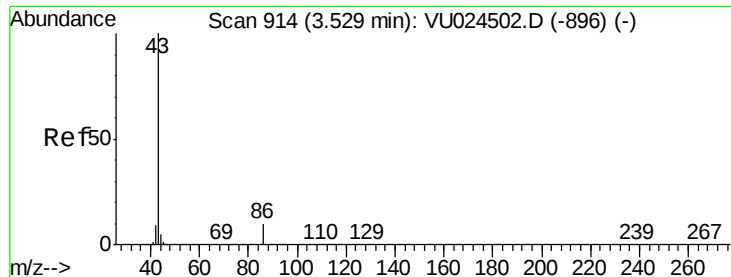
Abundance Ion 45.00 (44.70 to 45.70): VU024839.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024839.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024839.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024839.D (-835) (-)





#23

Vinyl Acetate

Concen: 240.04 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

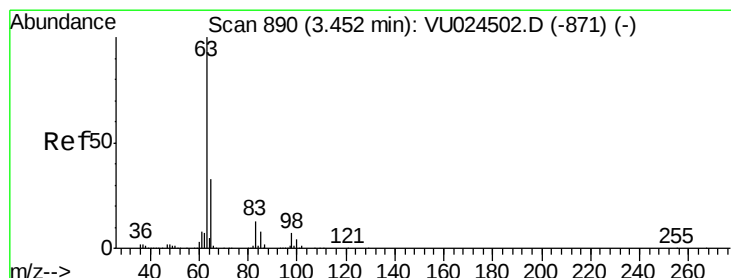
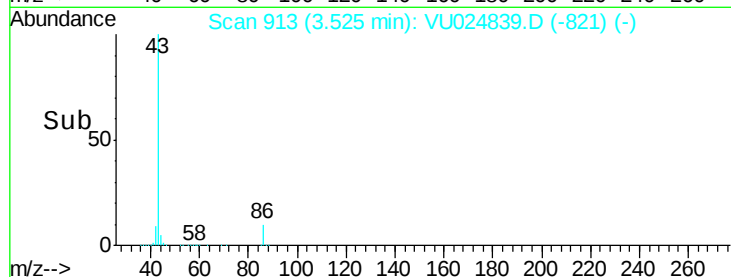
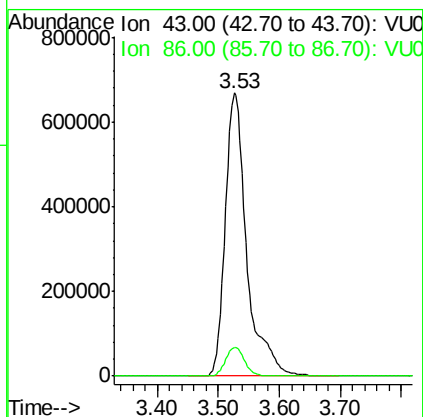
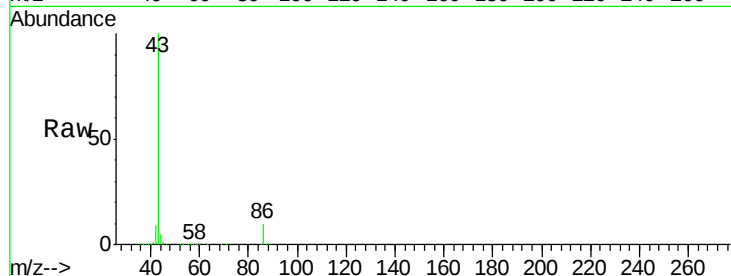
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1629325

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 48.35 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

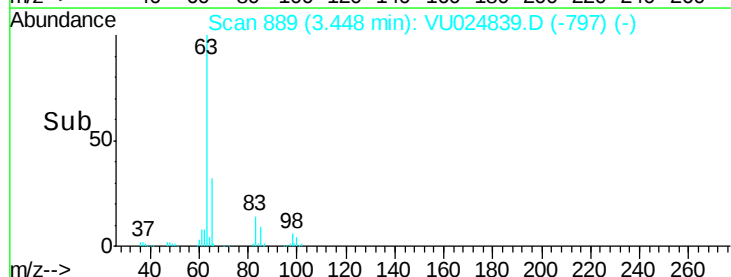
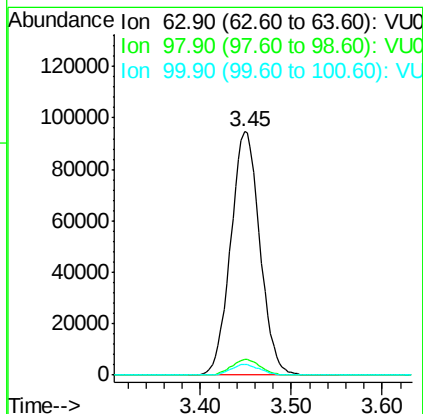
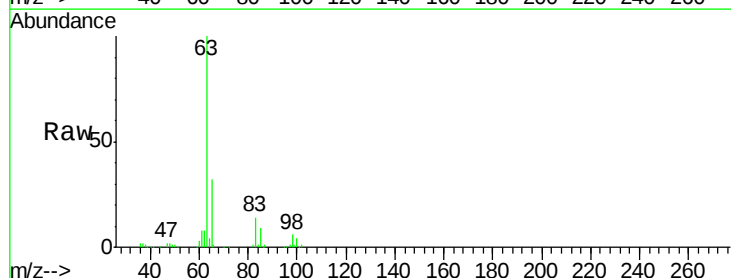
Tgt Ion: 63 Resp: 210751

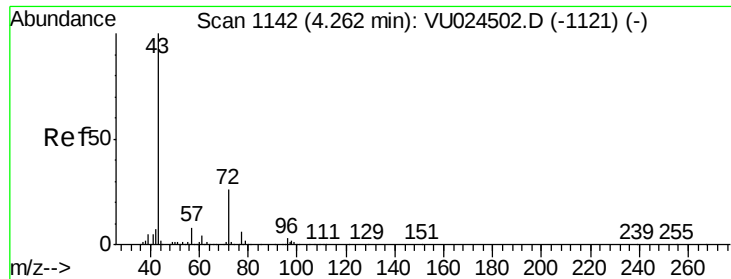
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.3 1.8 5.5

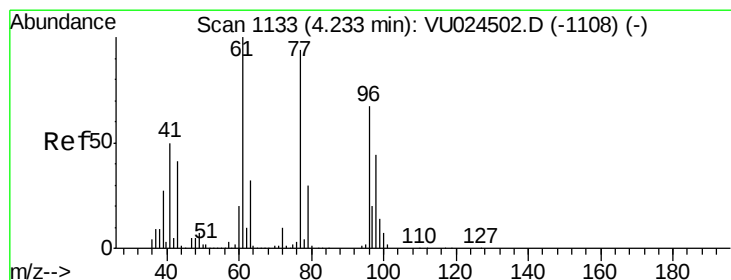
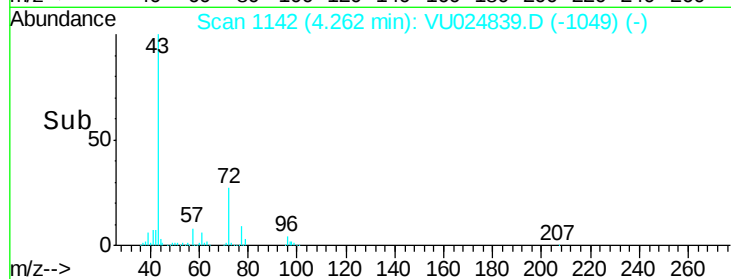
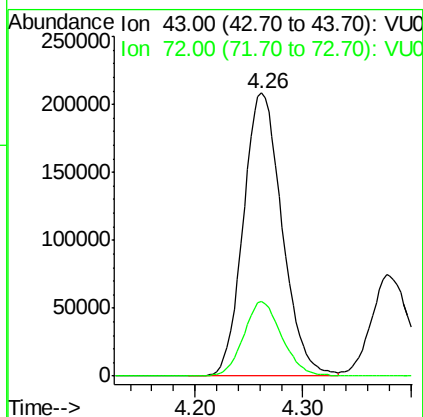
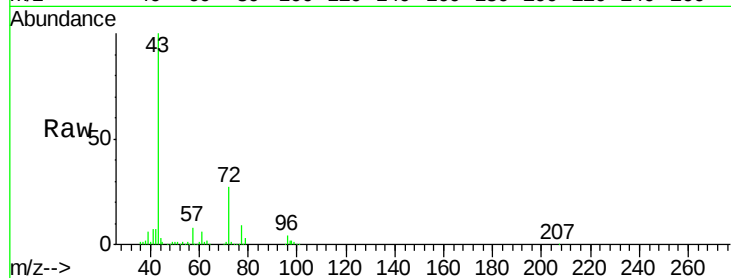




#25
 2-Butanone
 Concen: 243.78 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

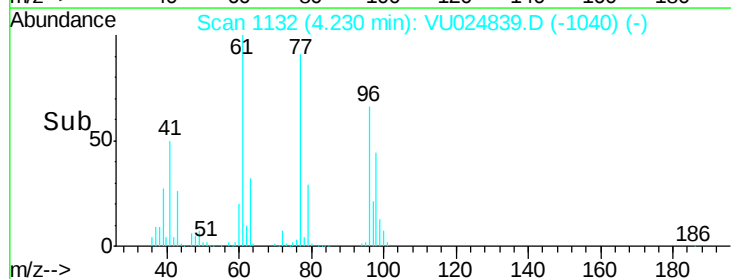
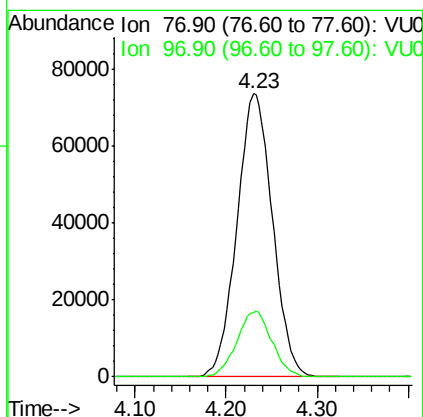
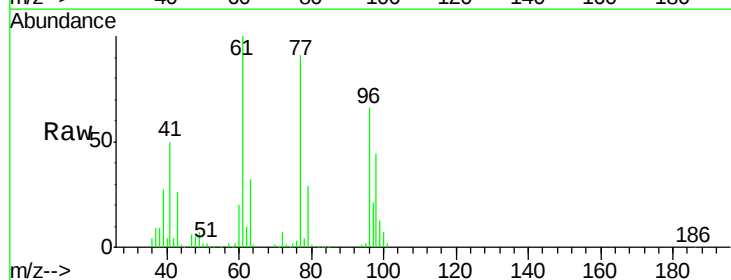
Instrument :
 MSVOA_U
 ClientSampleId :

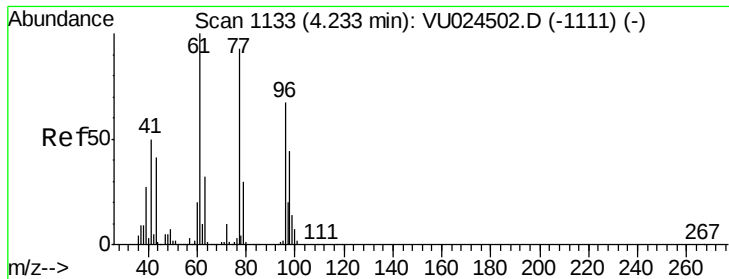
Tot Ion: 43 Resp: 519307
 Ion Ratio Lower Upper
 43 100
 72 26.6 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 48.17 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 77 Resp: 199376
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.84 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampled :

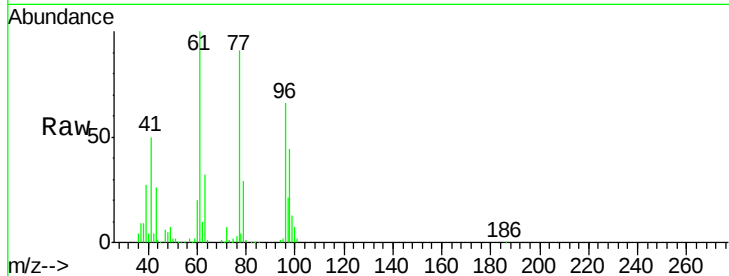
Tot Ion: 96 Resp: 127305

Ion Ratio Lower Upper

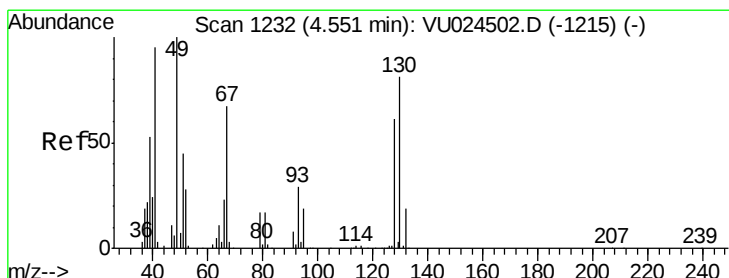
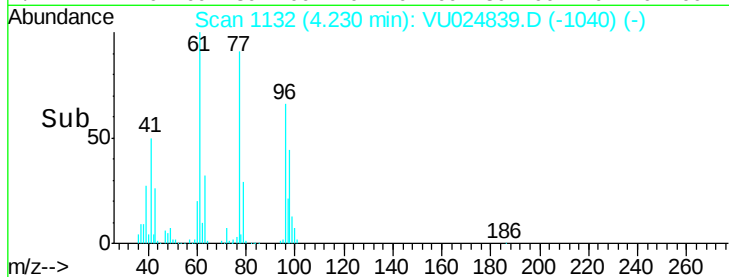
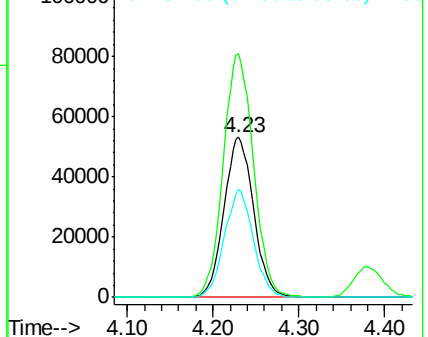
96 100

61 155.0 0.0 306.6

98 65.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 42.28 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

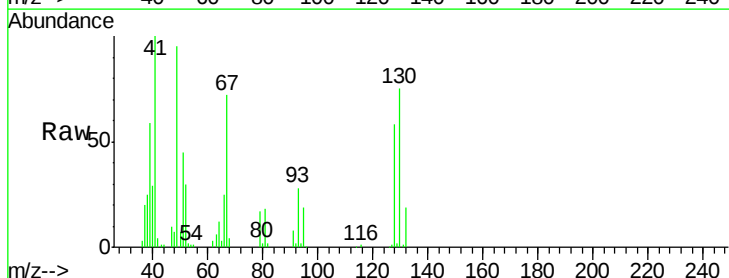
Tgt Ion: 49 Resp: 81171

Ion Ratio Lower Upper

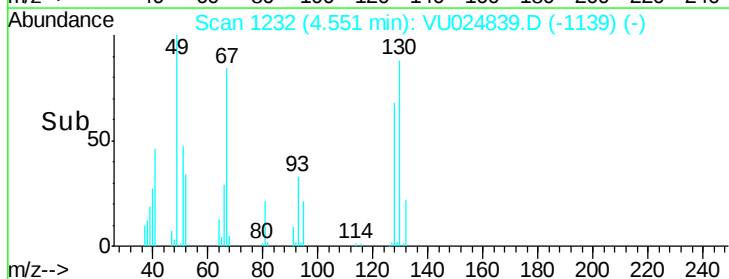
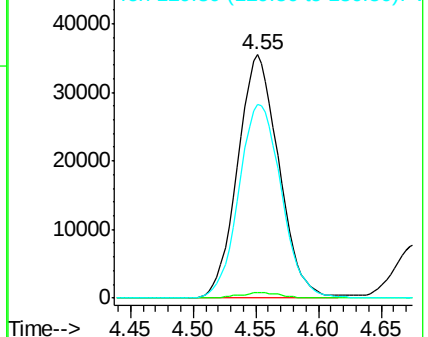
49 100

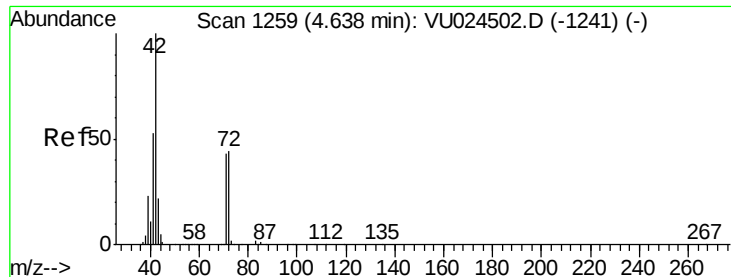
129 2.1 0.0 3.8

130 82.2 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 231.04 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

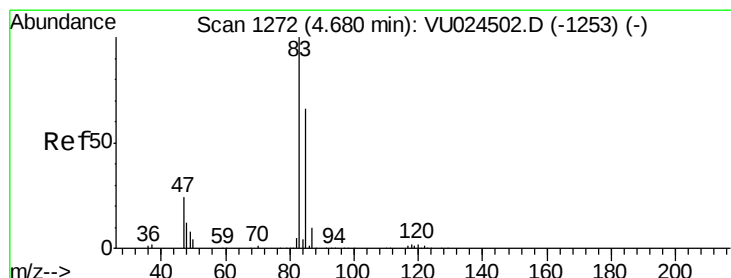
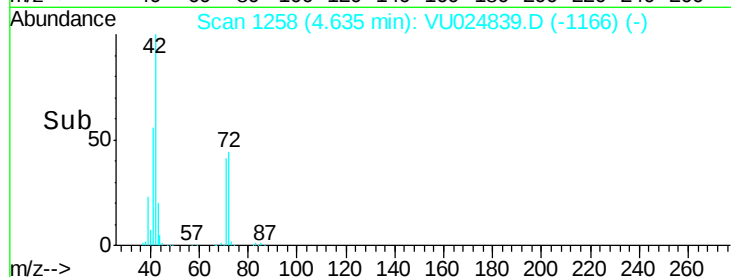
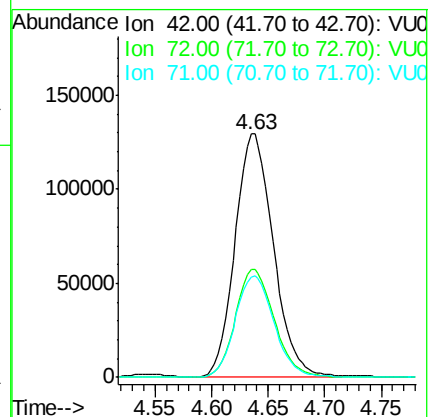
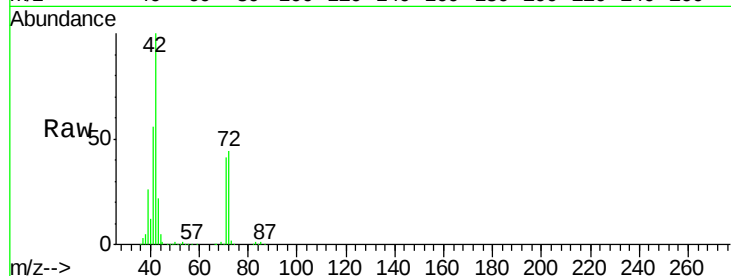
Tot Ion: 42 Resp: 304783

Ion Ratio Lower Upper

42 100

72 45.2 34.5 51.7

71 42.5 32.2 48.4



#30

Chloroform

Concen: 50.54 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024839.D

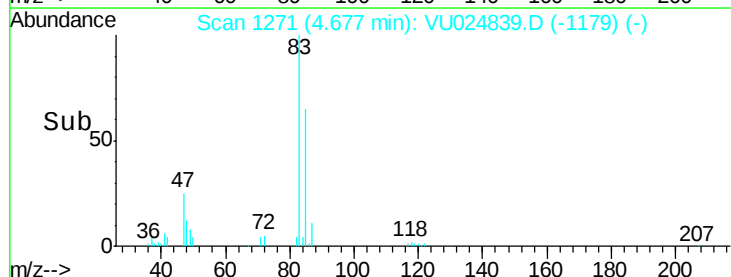
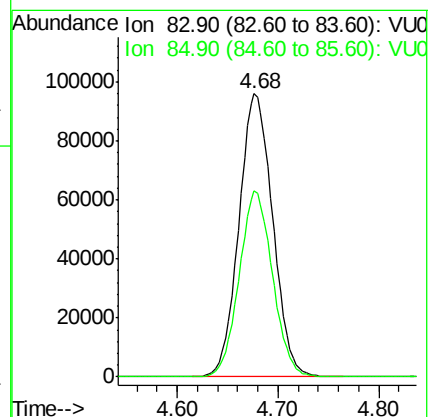
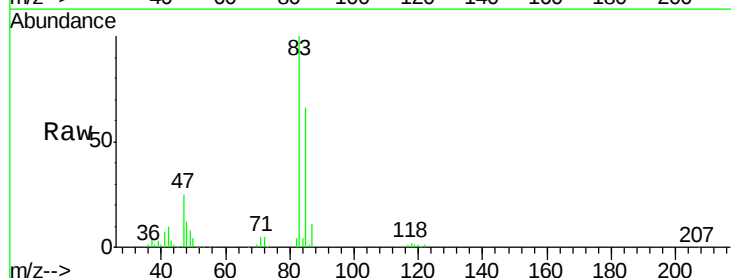
Acq: 22 Jun 2018 17:22

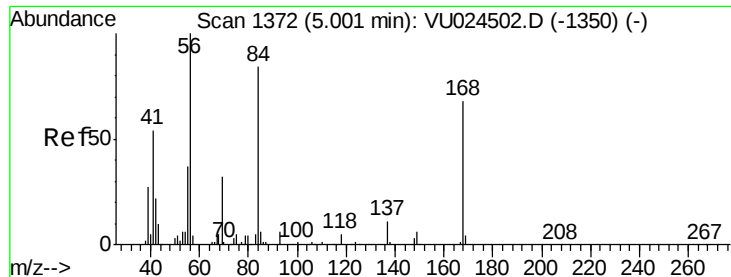
Tgt Ion: 83 Resp: 222966

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6

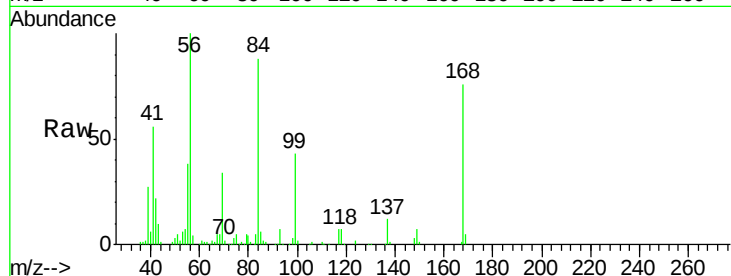




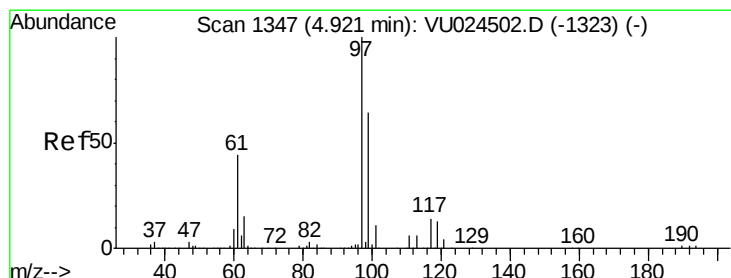
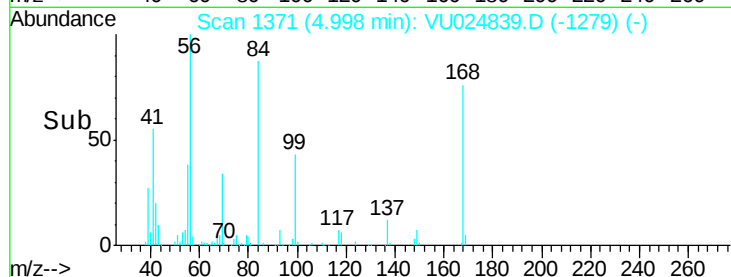
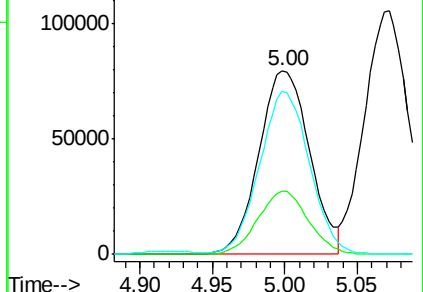
#31
Cyclohexane
Concen: 50.11 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 193943
Ion Ratio Lower Upper
56 100
69 34.4 24.8 37.2
84 86.9 65.2 97.8

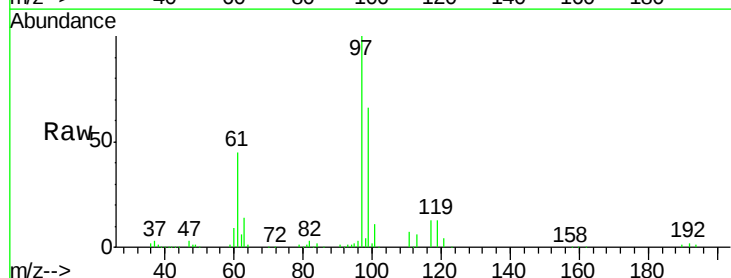


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

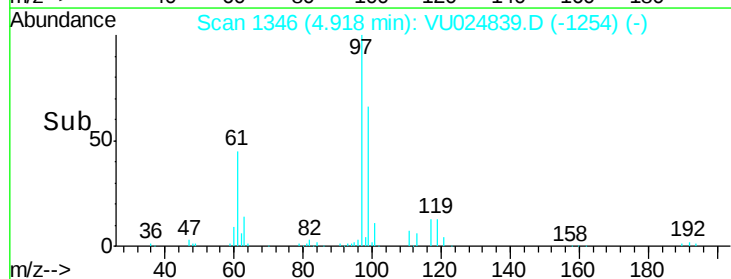
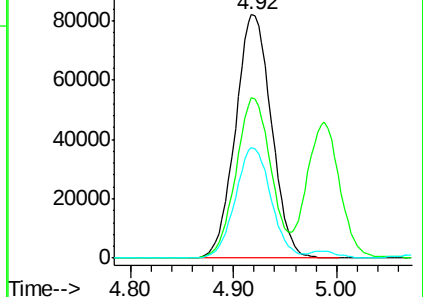


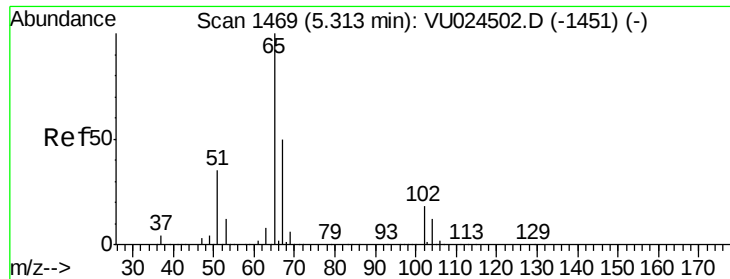
#32
1,1,1-Trichloroethane
Concen: 48.86 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 97 Resp: 199353
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 44.9 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

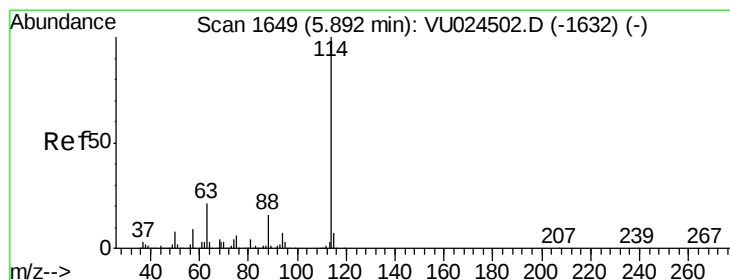
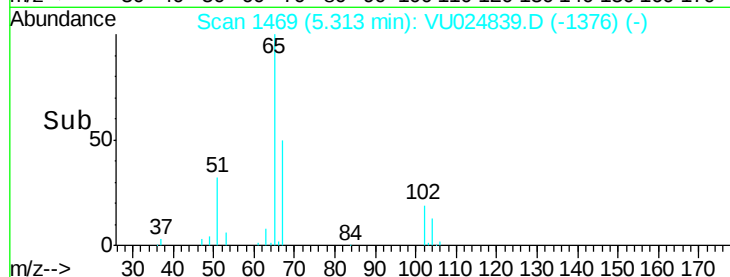
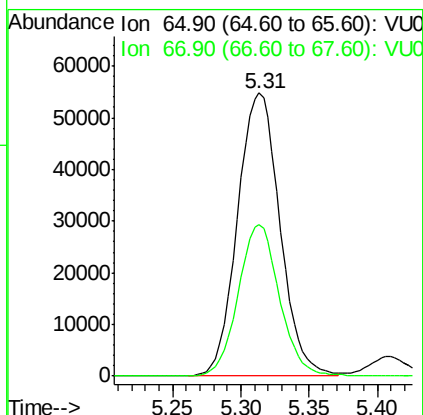
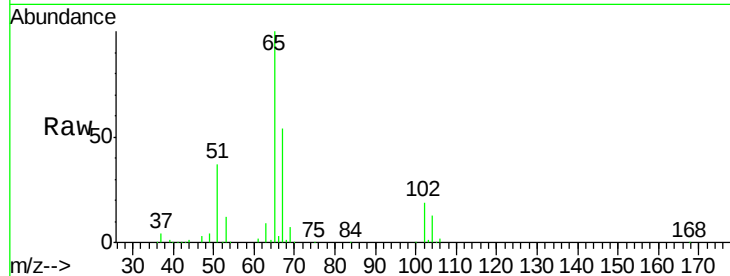




#33
 1,2-Dichloroethane-d4
 Concen: 40.06 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

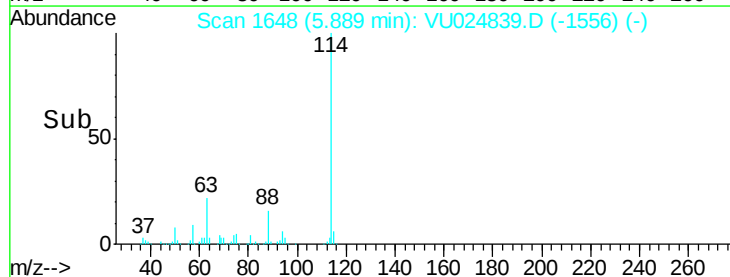
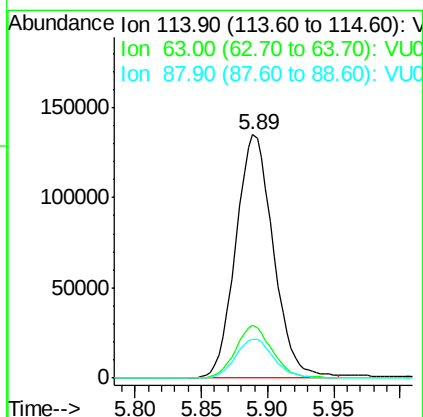
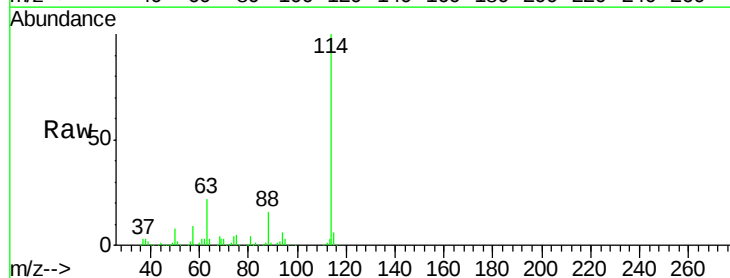
Instrument :
 MSVOA_U
 ClientSampled :

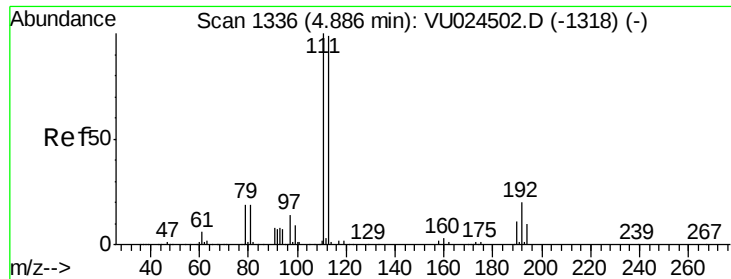
Tot Ion: 65 Resp: 118251
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 114 Resp: 265811
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.4
 88 16.1 0.0 31.0

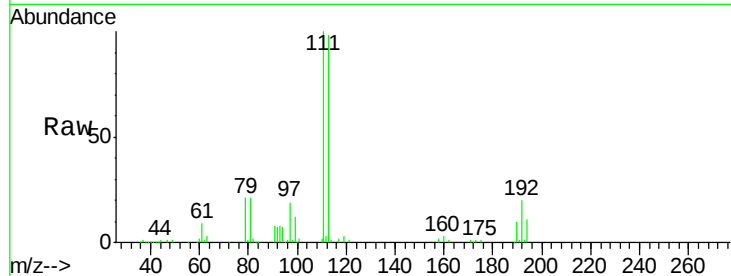




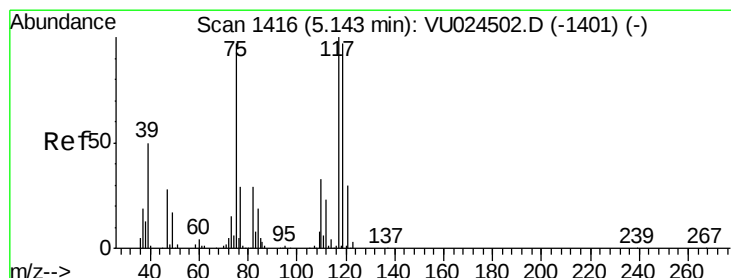
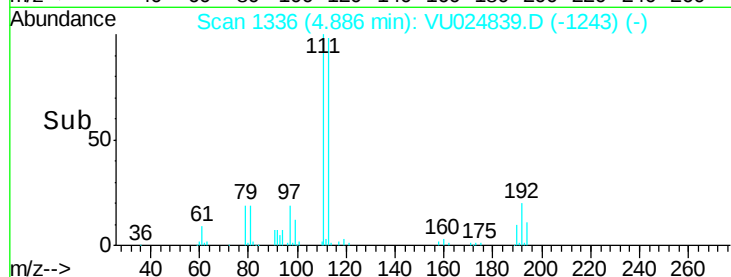
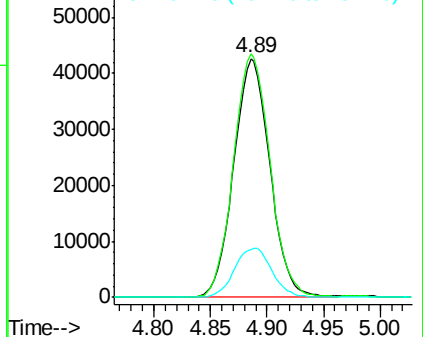
#35
 Dibromofluoromethane
 Concen: 43.07 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.4	16.2	24.4

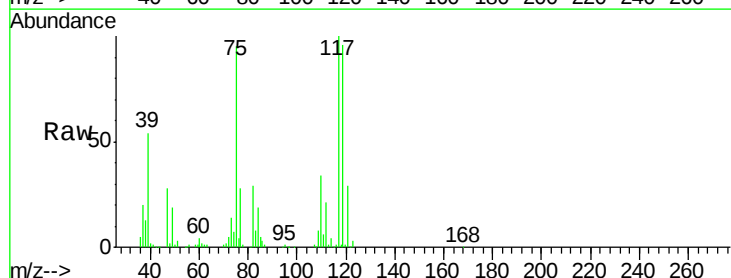


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

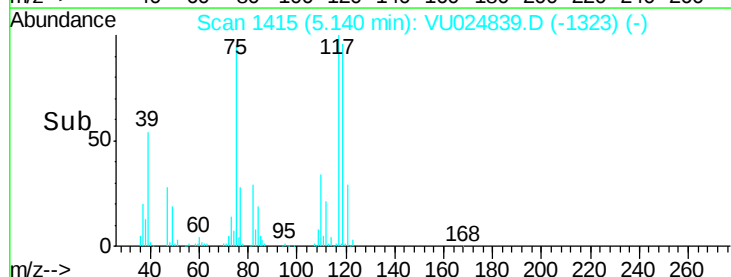
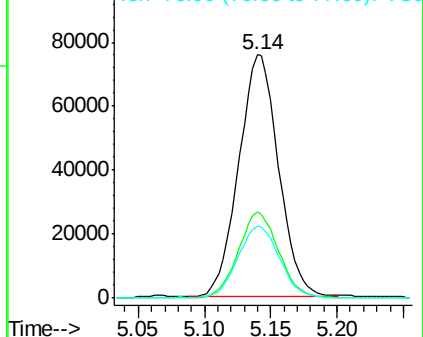


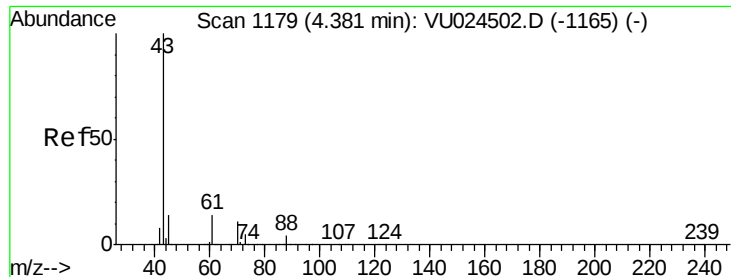
#36
 1,1-Dichloropropene
 Concen: 50.78 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	30.7	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

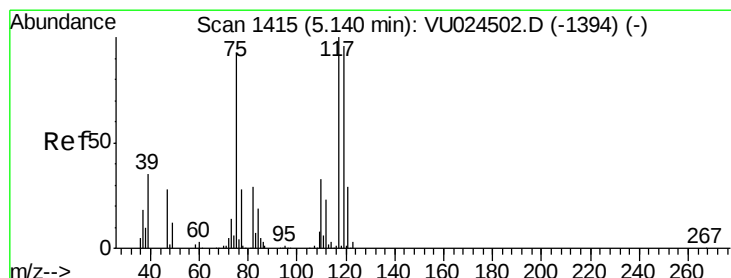
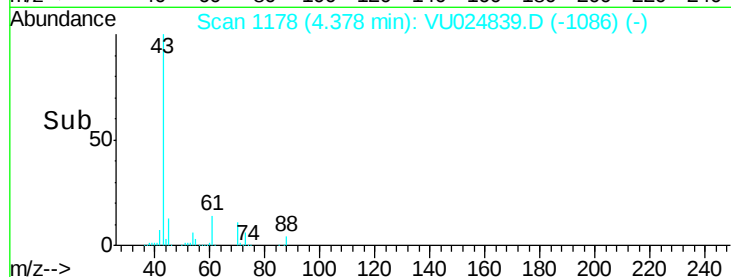
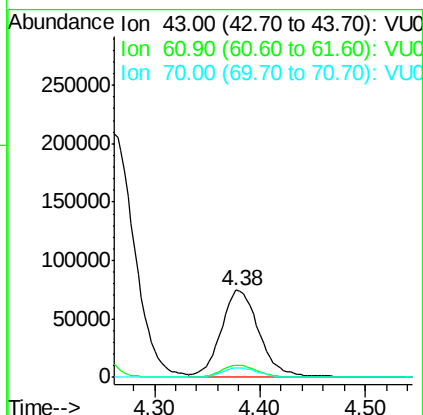
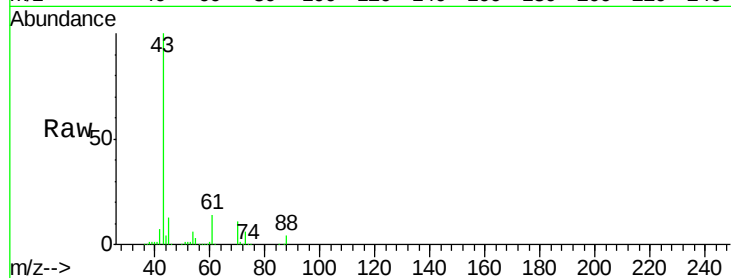




#37
Ethyl Acetate
Concen: 53.61 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

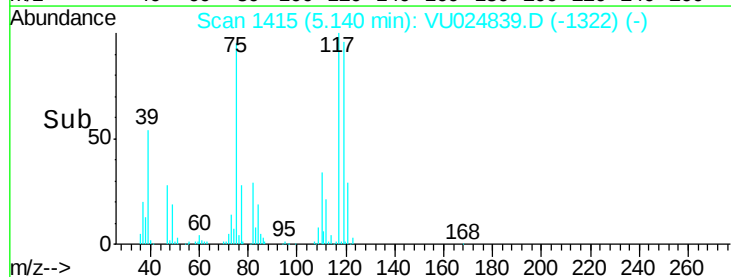
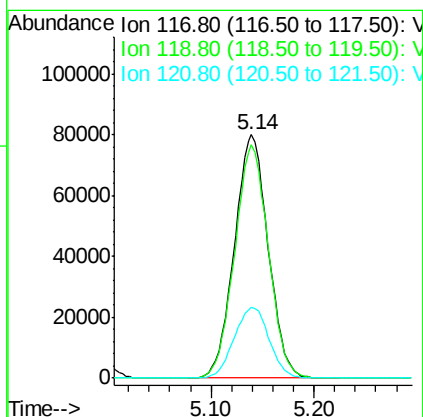
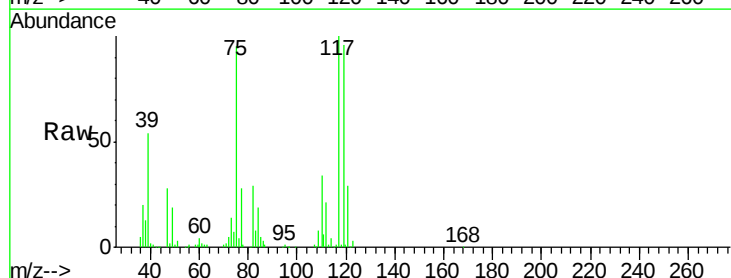
Instrument :
MSVOA_U
ClientSampled :

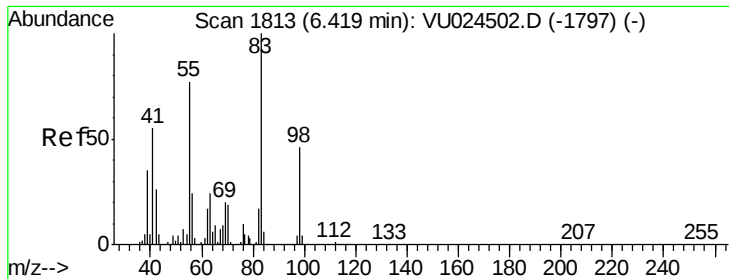
Tot Ion: 43 Resp: 182509
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 52.93 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 117 Resp: 181815
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 28.9 23.7 35.5

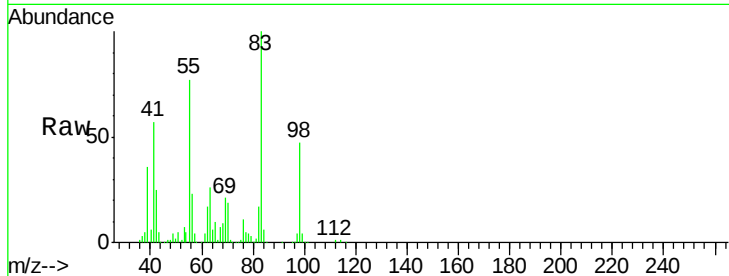




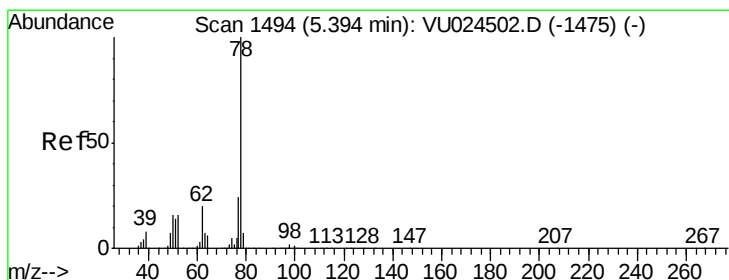
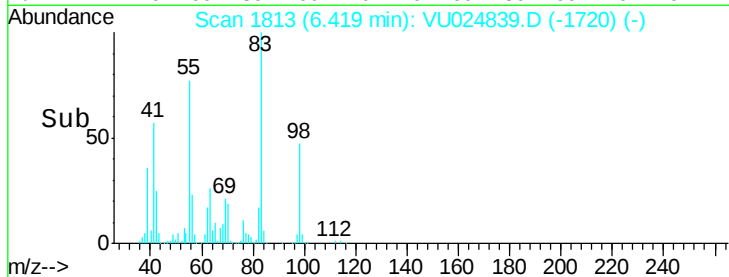
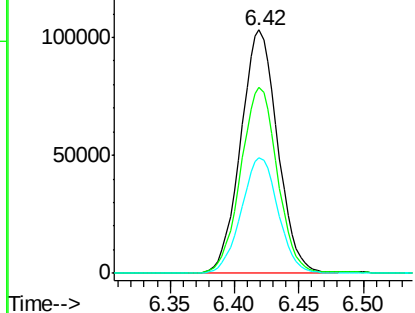
#39
Methvlcvclohexane
Concen: 52.77 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 205671
Ion Ratio Lower Upper
83 100
55 76.5 65.8 98.6
98 47.4 36.7 55.1

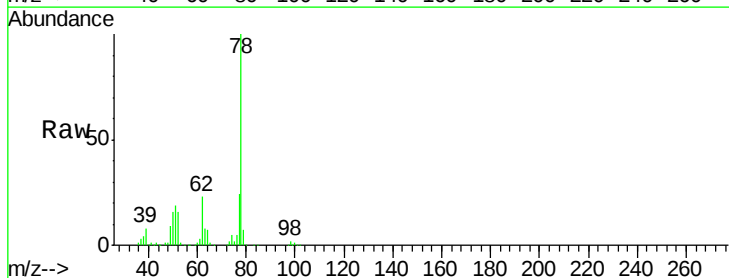


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

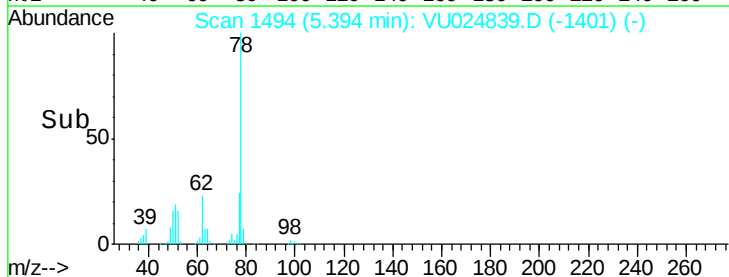
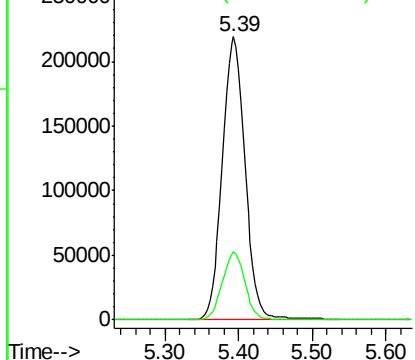


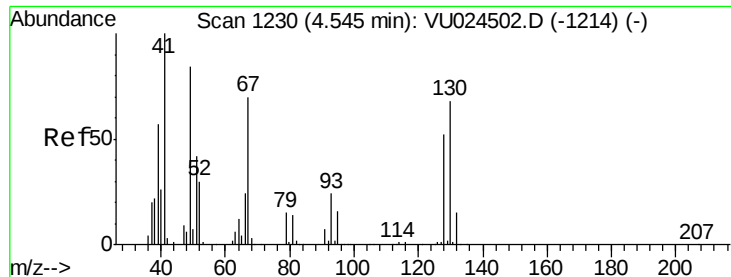
#40
Benzene
Concen: 53.15 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 78 Resp: 473025
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

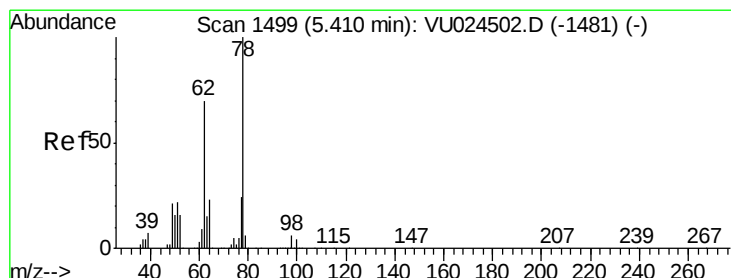
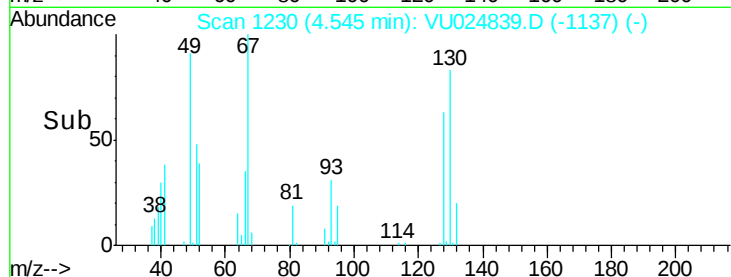
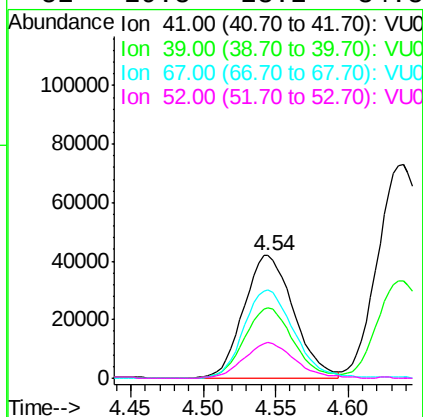
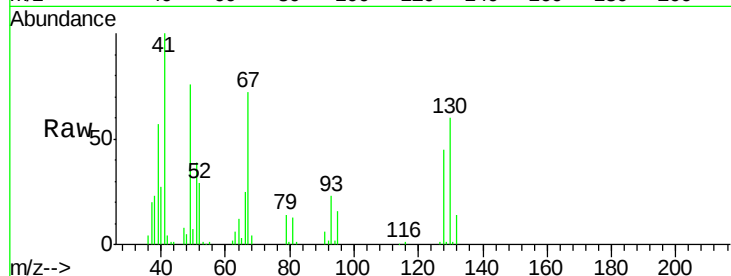




#41
Methacrylonitrile
Concen: 54.43 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

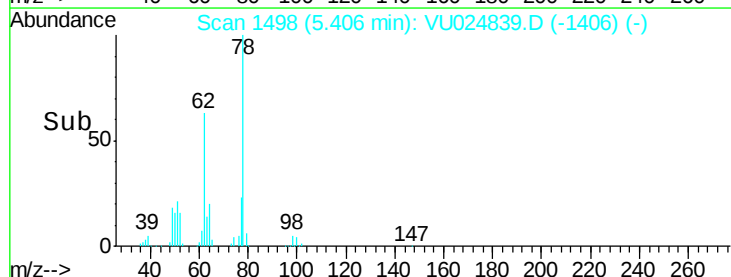
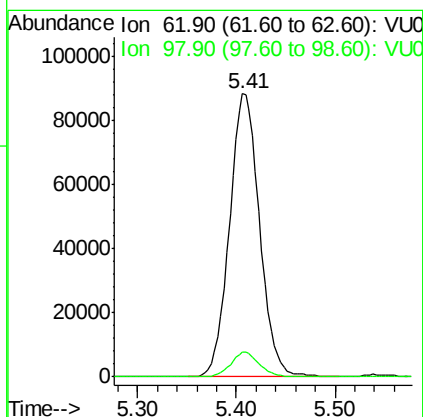
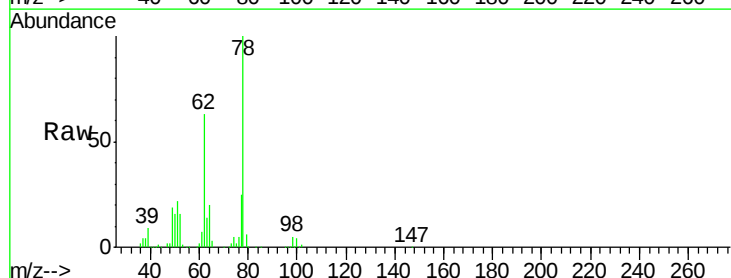
Instrument :
MSVOA_U
ClientSampleId :

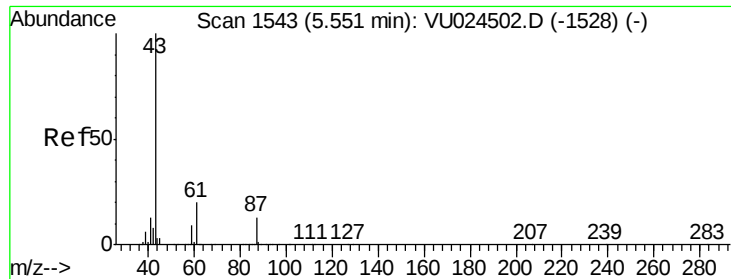
Tot Ion: 41 Resp: 99901
Ion Ratio Lower Upper
41 100
39 57.3 43.8 65.6
67 72.5 56.3 84.5
52 29.8 23.2 34.8



#42
1,2-Dichloroethane
Concen: 55.51 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 62 Resp: 188153
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6

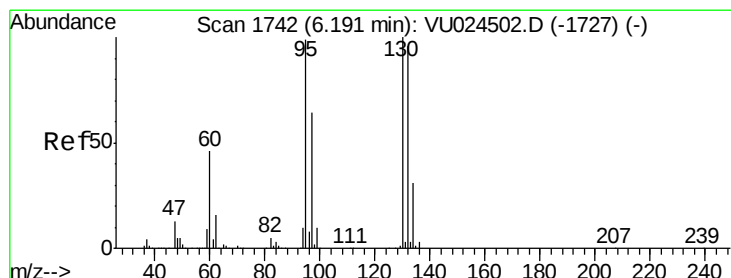
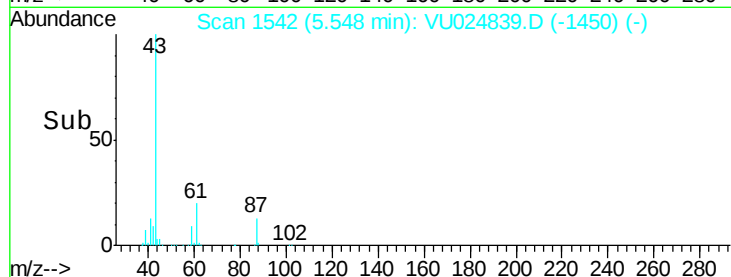
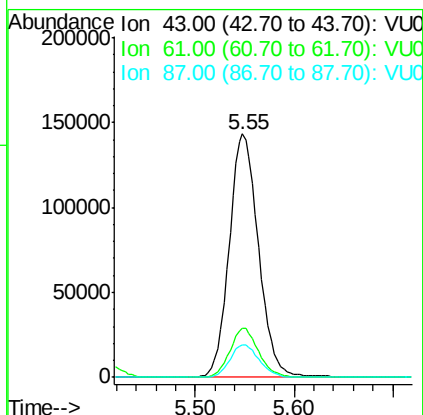
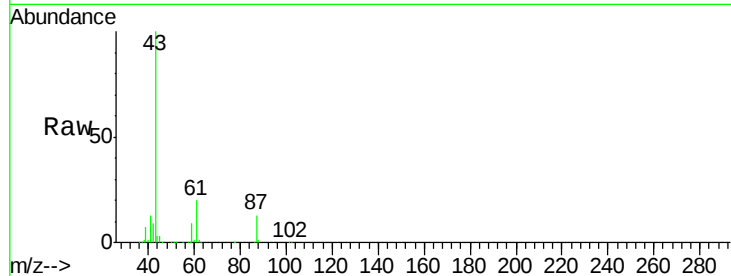




#43
Isopropyl Acetate
Concen: 50.05 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

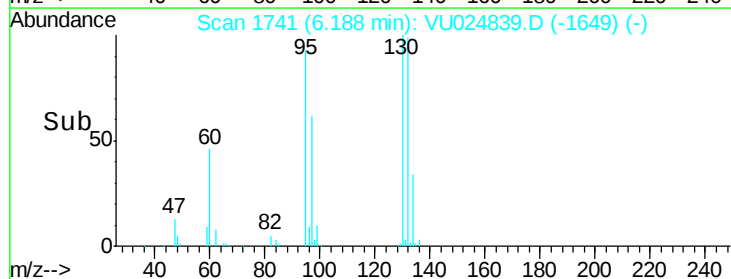
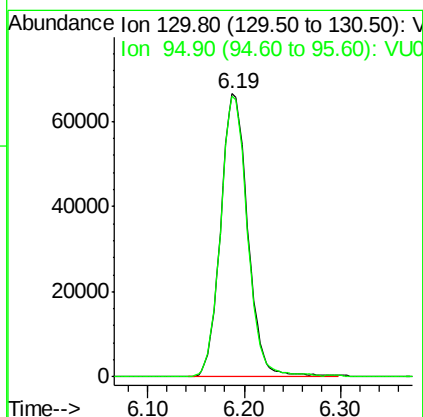
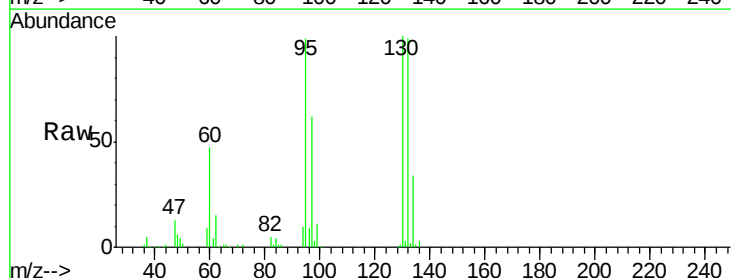
Instrument :
MSVOA_U
ClientSampled :

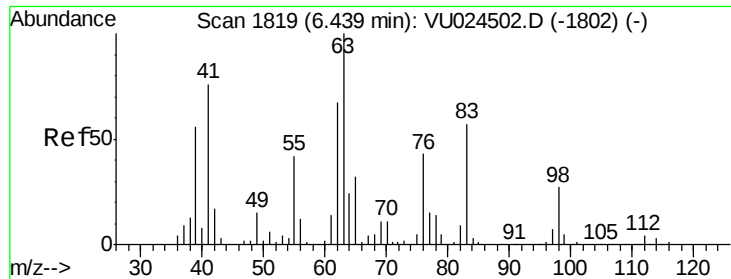
Tot Ion	43	Resp	294513
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.4	23.0
87	13.4	10.0	15.0



#44
Trichloroethene
Concen: 51.21 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	130	Resp	129718
Ion Ratio	Lower	Upper	
130	100		
95	99.2	0.0	202.4





#45

1,2-Dichloropropane

Concen: 53.52 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

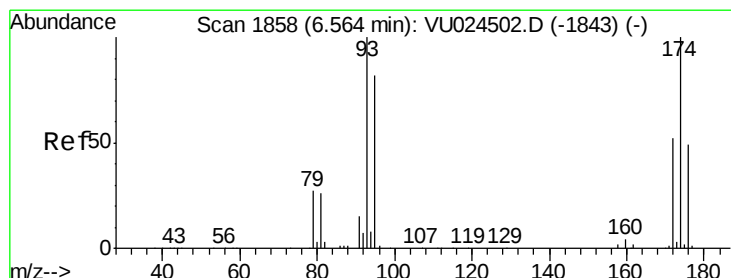
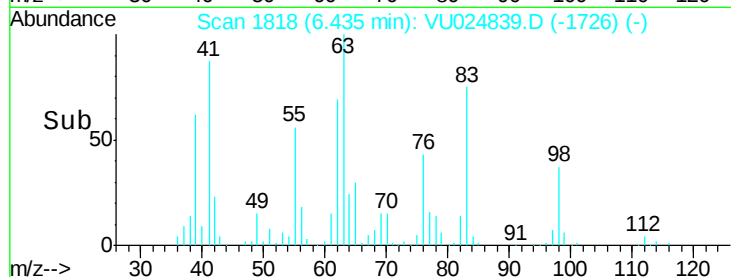
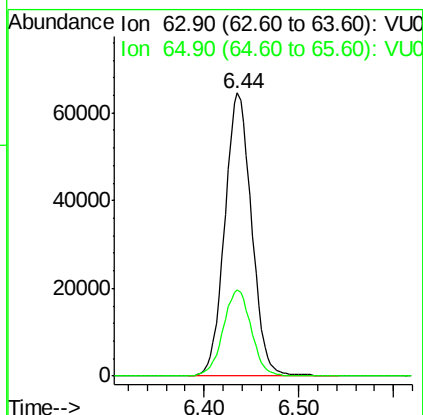
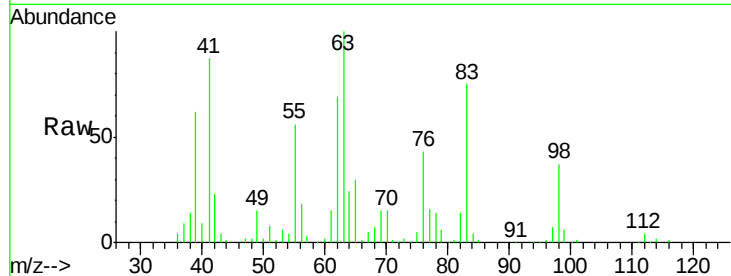
ClientSampleId :

Tot Ion: 63 Resp: 127110

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



#46

Dibromomethane

Concen: 52.65 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

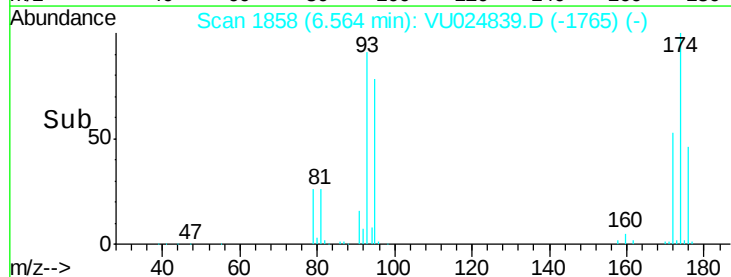
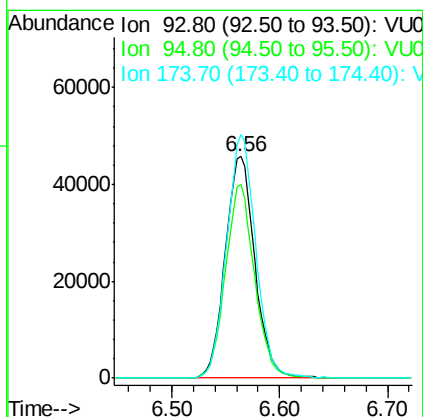
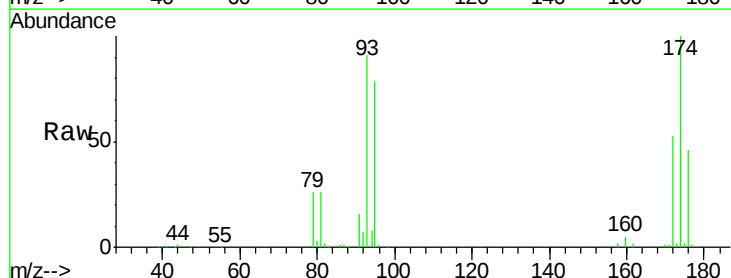
Tgt Ion: 93 Resp: 87831

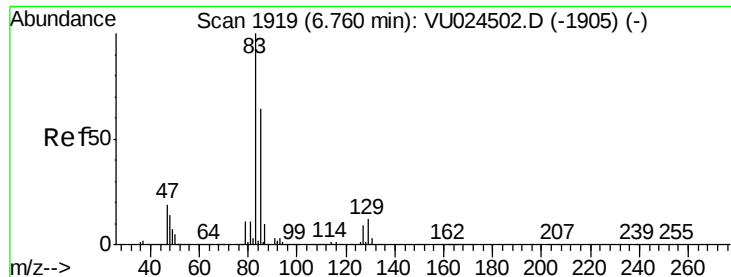
Ion Ratio Lower Upper

93 100

95 85.5 65.5 98.3

174 107.7 78.7 118.1





#47

Bromodichloromethane

Concen: 52.28 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampled :

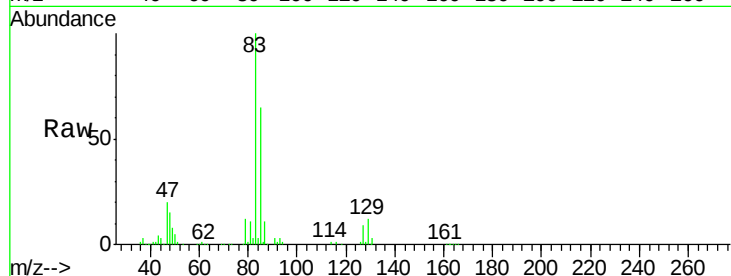
Tot Ion: 83 Resp: 173670

Ion Ratio Lower Upper

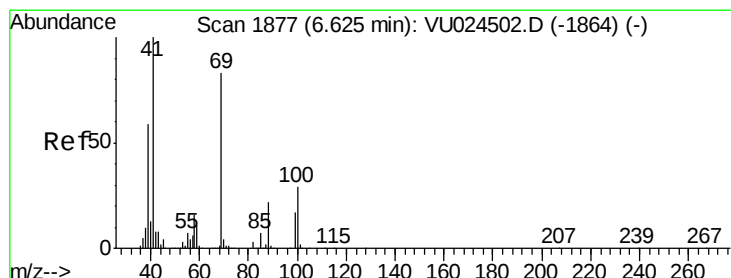
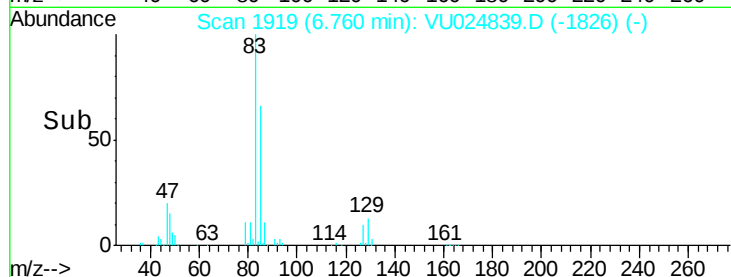
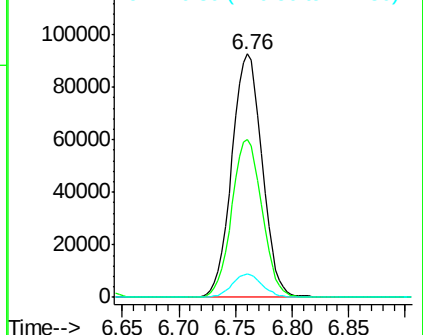
83 100

85 64.8 51.9 77.9

127 9.5 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: 52.68 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

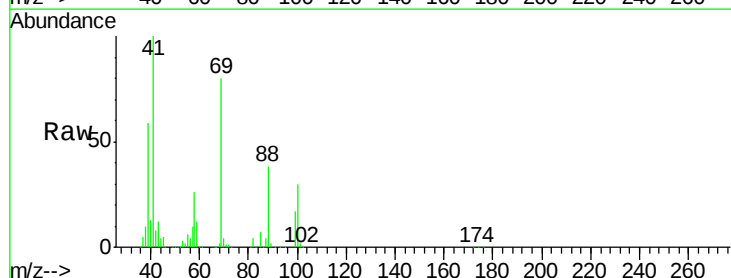
Tgt Ion: 41 Resp: 150947

Ion Ratio Lower Upper

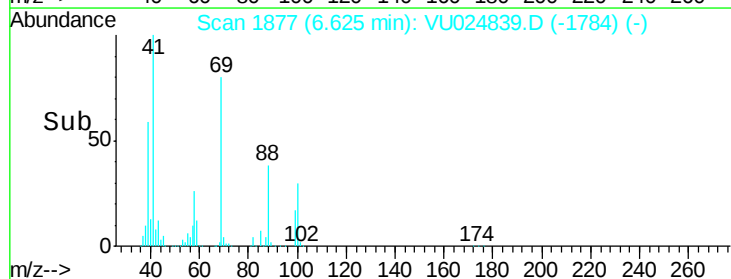
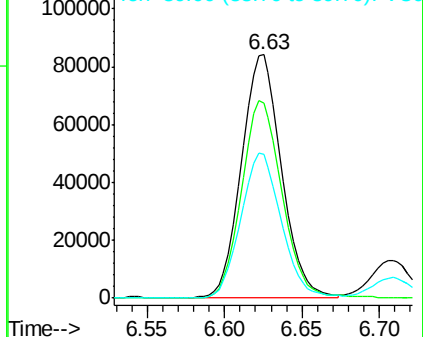
41 100

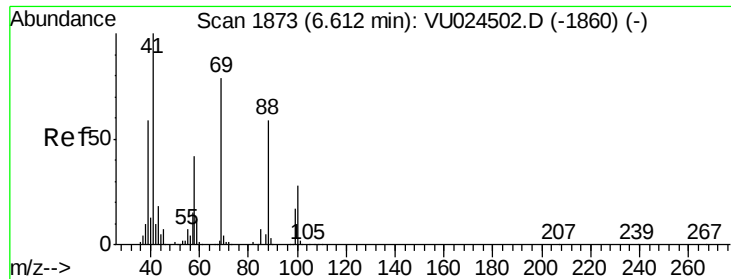
69 82.7 67.3 100.9

39 60.6 46.5 69.7



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

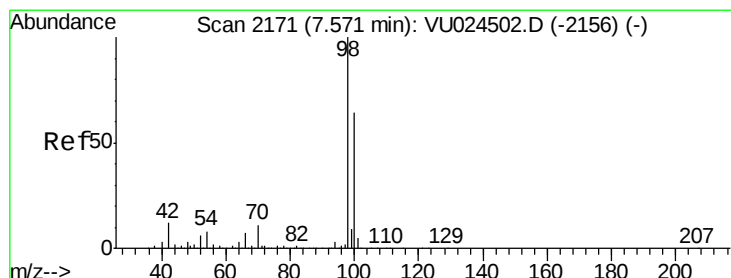
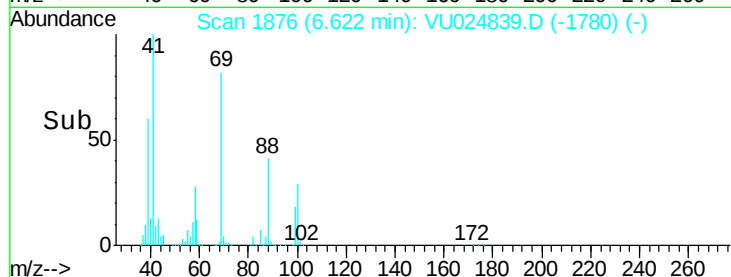
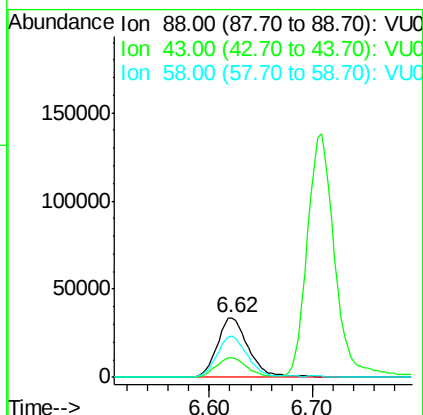
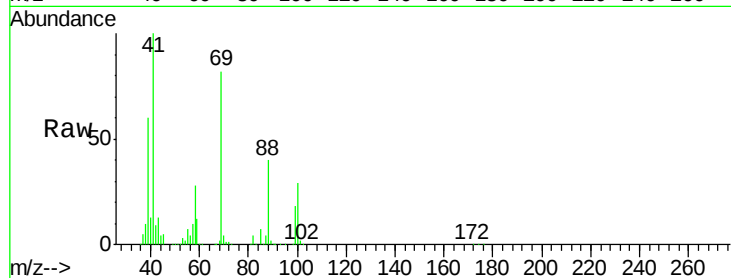




#49
1,4-Dioxane
Concen: 1250.87 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

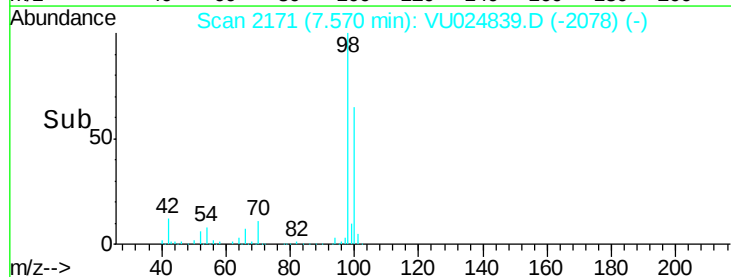
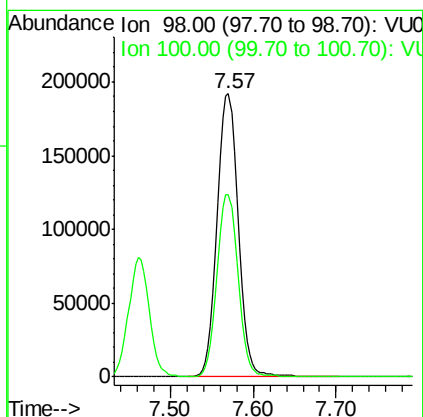
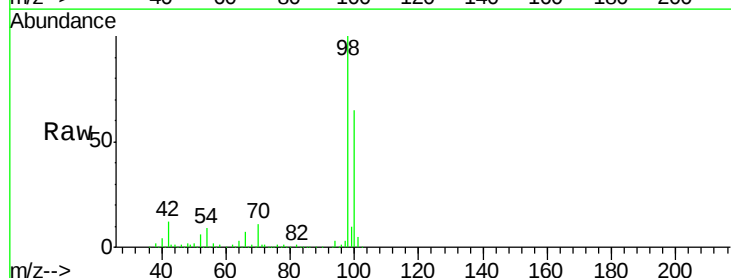
Instrument :
MSVOA_U
ClientSampleId :

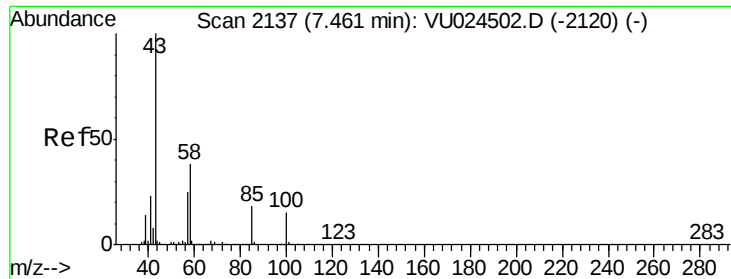
Tot Ion: 88 Resp: 70096
Ion Ratio Lower Upper
88 100
43 33.4 28.6 42.8
58 68.6 58.2 87.4



#50
Toluene-d8
Concen: 42.42 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 98 Resp: 341365
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

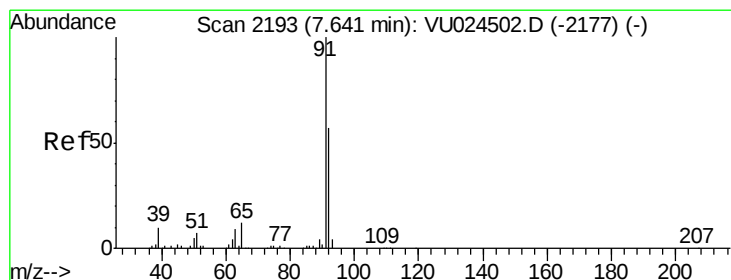
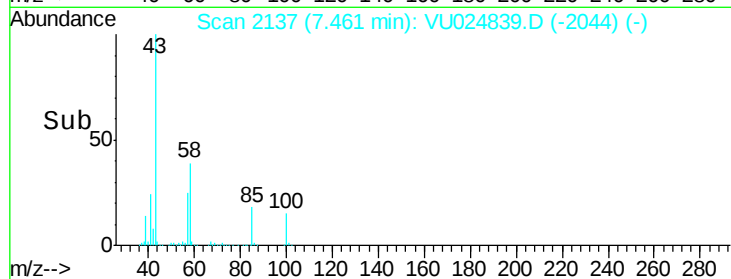
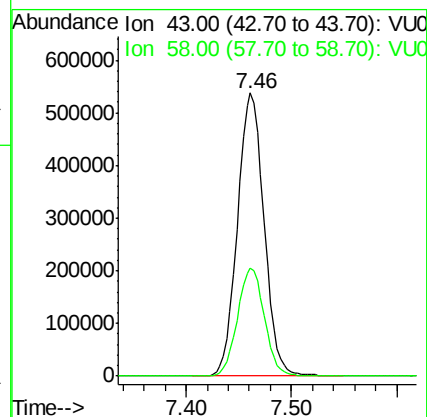
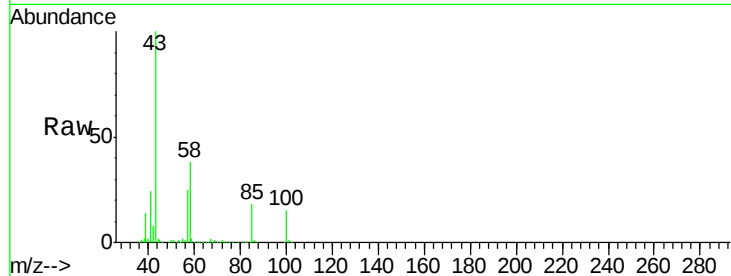




#51
 4-Methyl-2-Pentanone
 Concen: 253.62 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

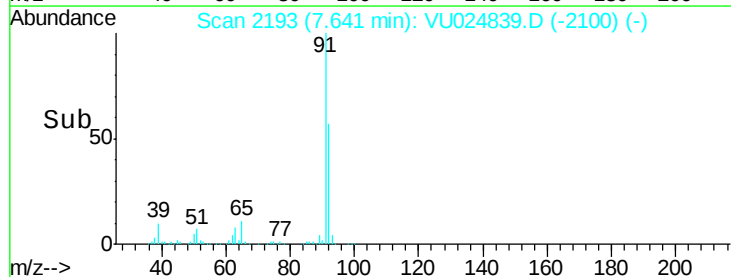
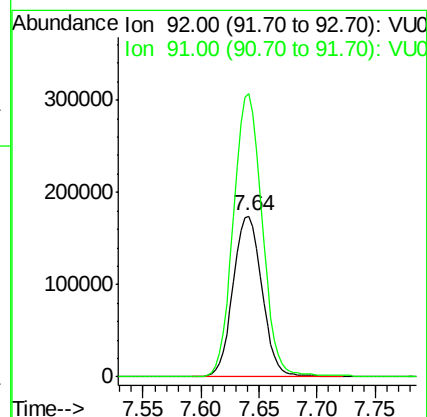
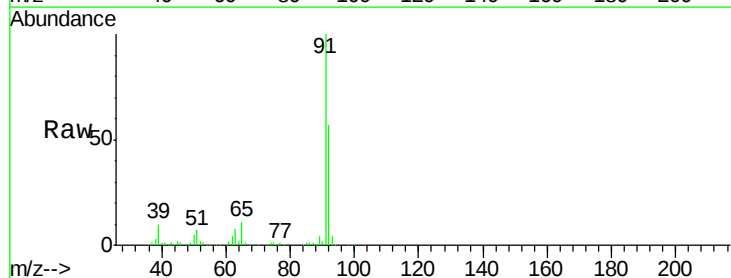
Instrument :
 MSVOA_U
 ClientSampled :

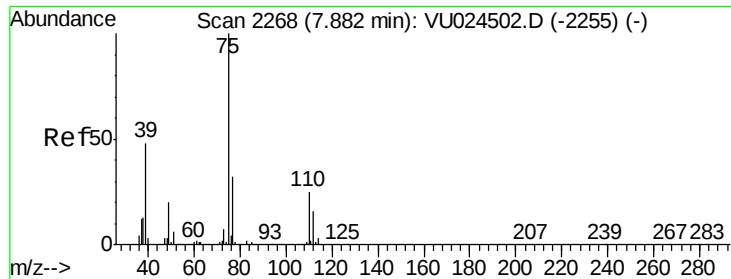
Tot Ion: 43 Resp: 937643
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.0 45.0



#52
 Toluene
 Concen: 52.96 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 92 Resp: 303230
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.5 210.7

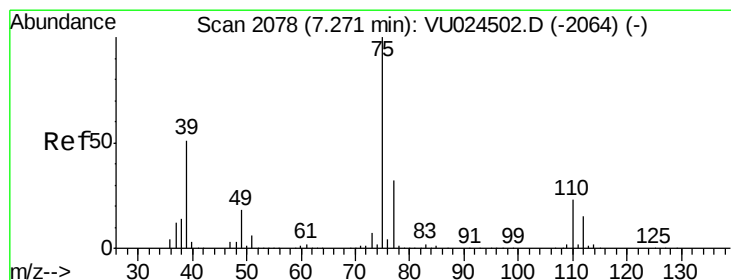
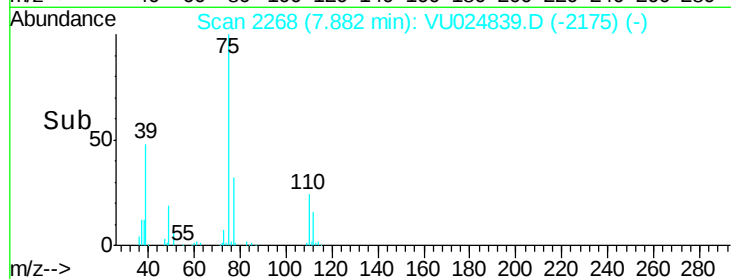
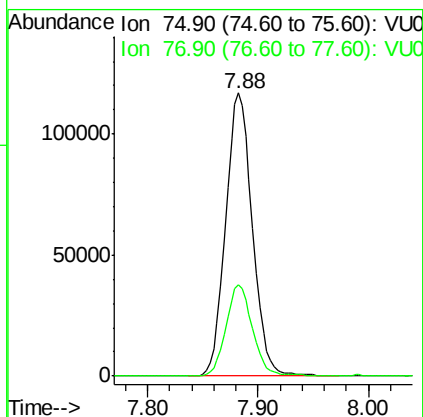
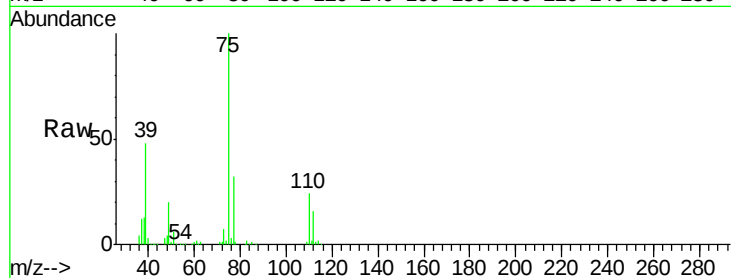




#53
t-1,3-Dichloropropene
Concen: 52.60 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

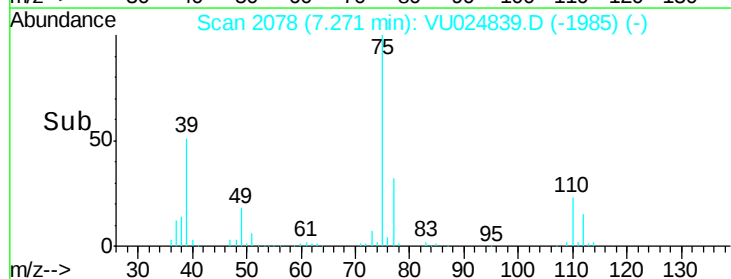
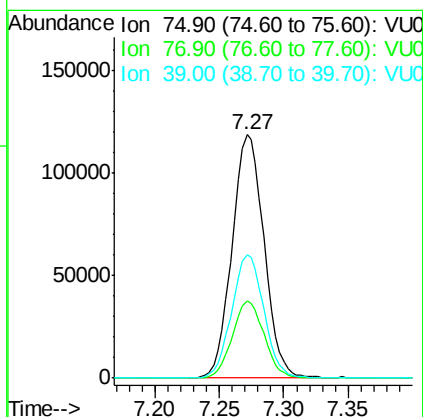
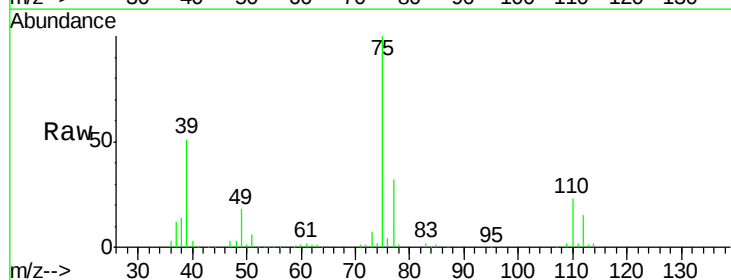
Instrument :
MSVOA_U
ClientSampled :

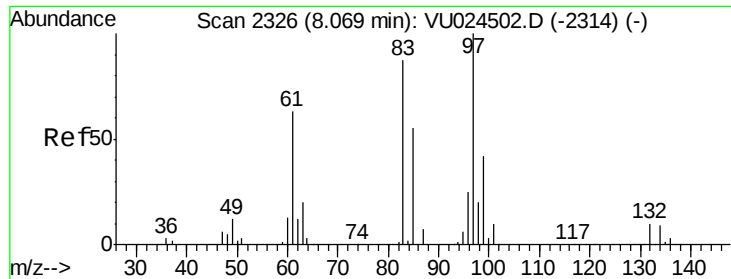
Tot Ion: 75 Resp: 196204
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 51.57 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 75 Resp: 204976
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 50.8 39.8 59.6

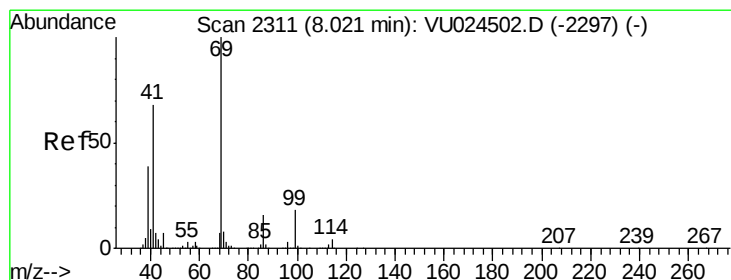
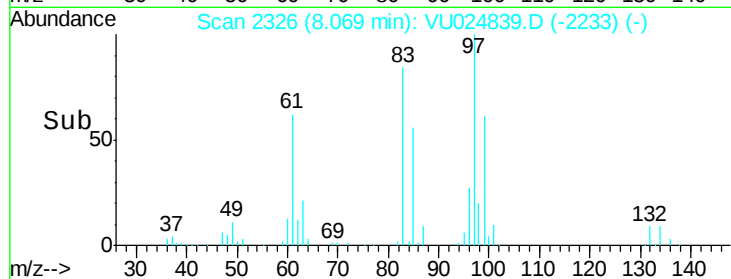
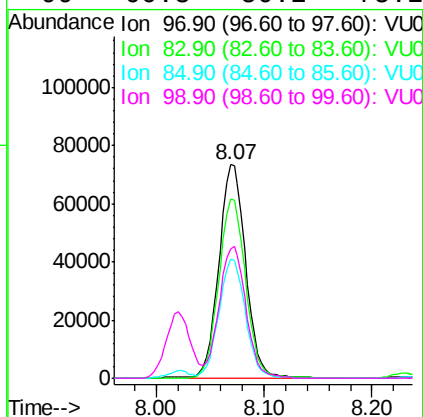
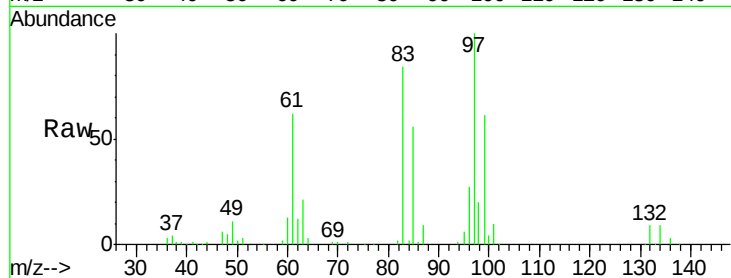




#55
 1,1,2-Trichloroethane
 Concen: 54.19 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

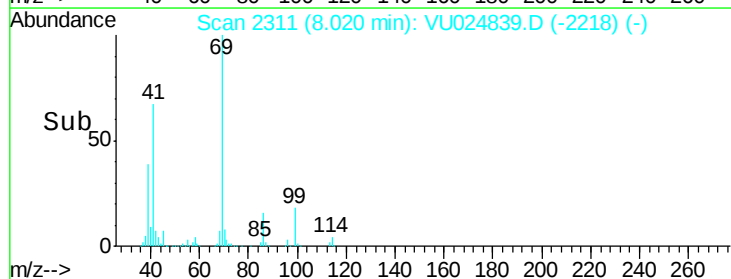
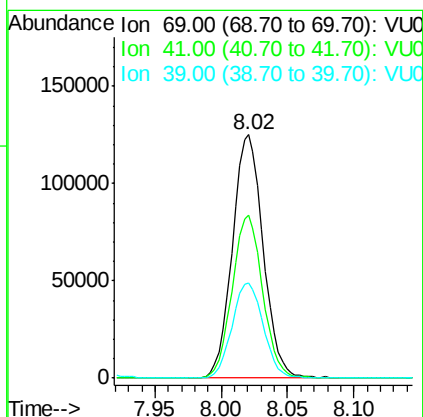
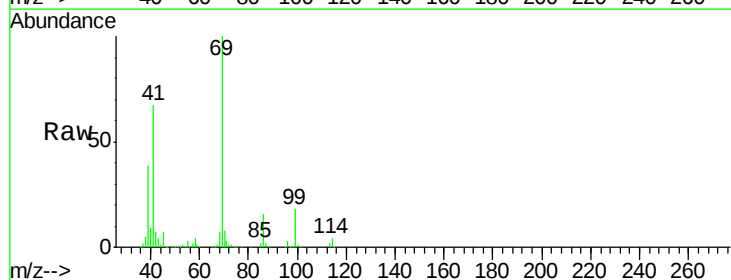
Instrument :
 MSVOA_U
 ClientSampleId :

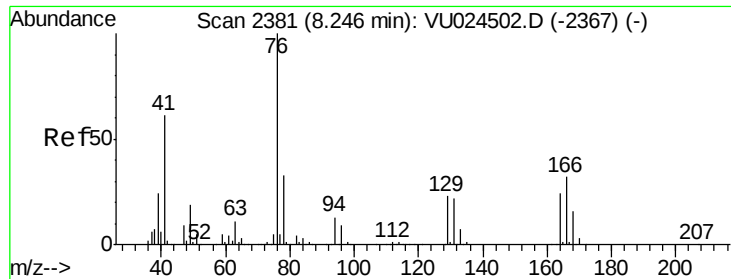
Tot Ion:	97	Resp:	126142
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.5	105.7
85	55.7	46.4	69.6
99	60.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 51.75 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion:	69	Resp:	201595
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.1	81.1
39	39.1	30.3	45.5

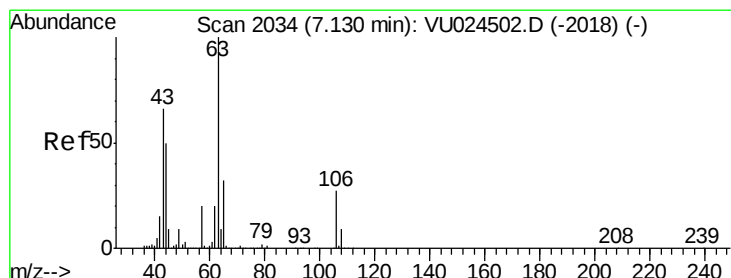
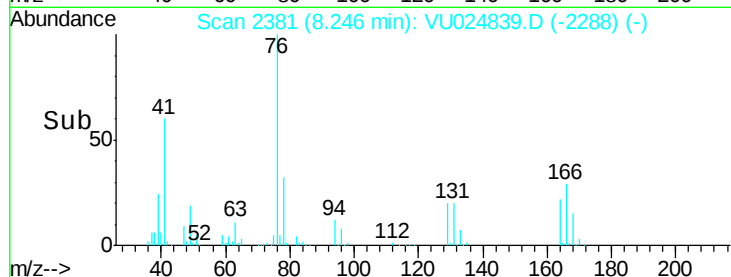
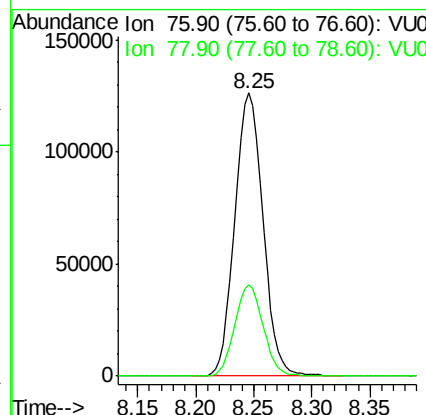
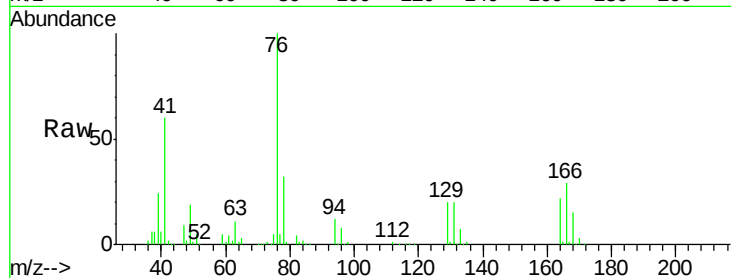




#57
 1,3-Dichloropropane
 Concen: 54.12 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

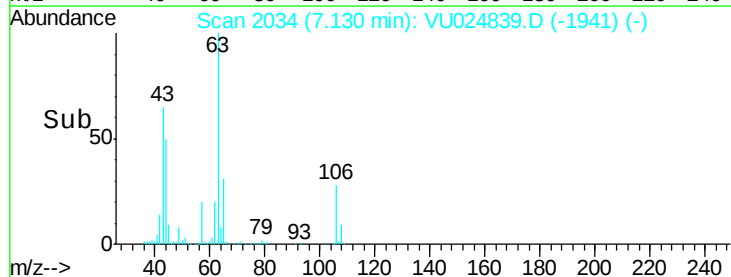
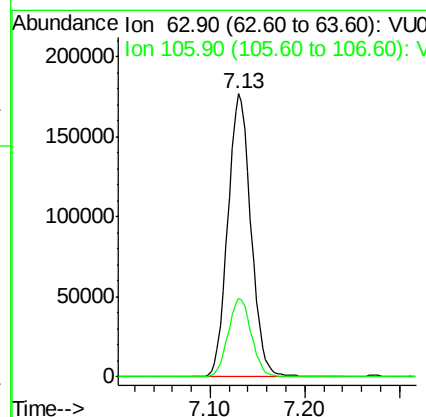
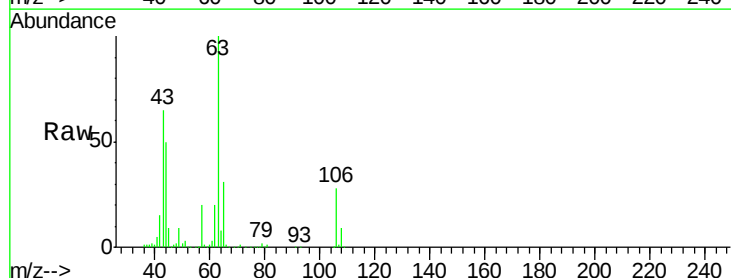
Instrument :
 MSVOA_U
 ClientSampleId :

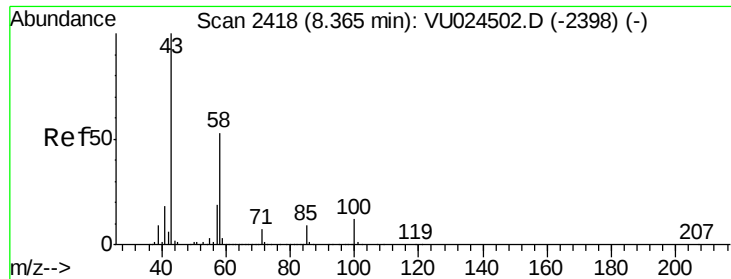
Tot Ion: 76 Resp: 212509
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 201.26 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 63 Resp: 300376
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2

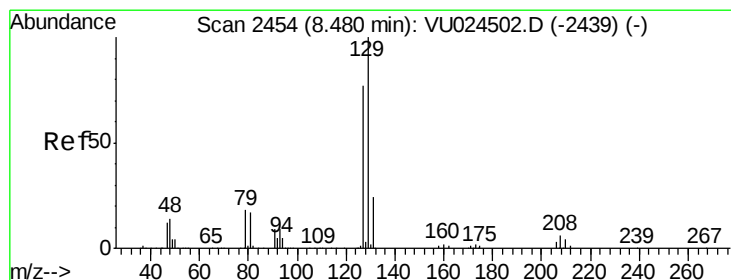
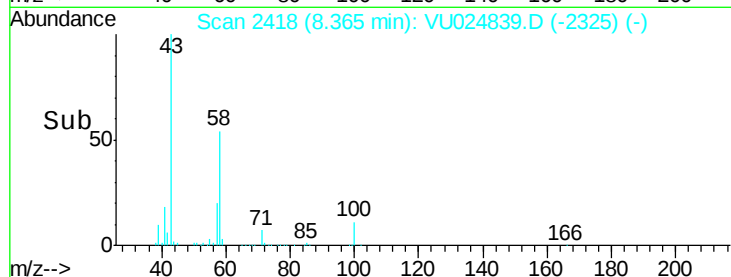
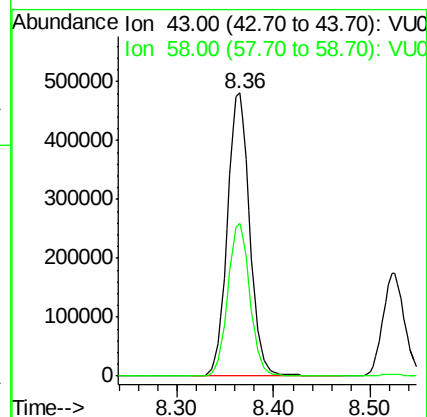
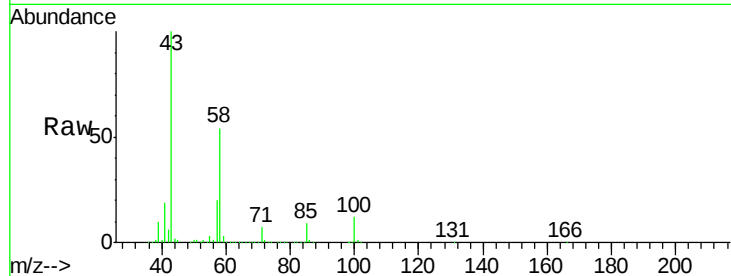




#59
2-Hexanone
Concen: 254.32 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

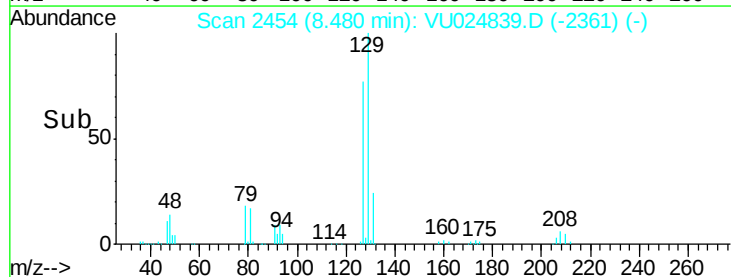
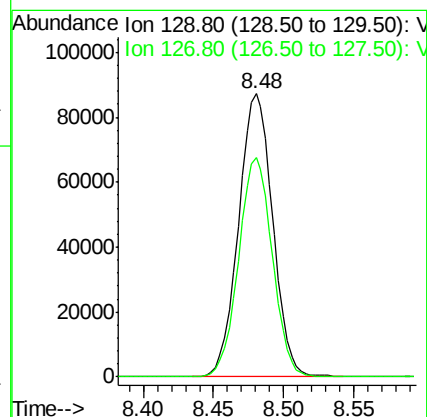
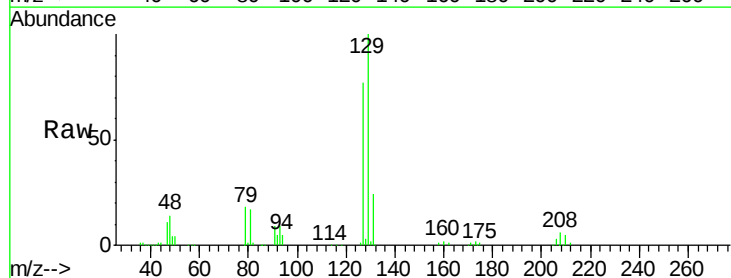
Instrument :
MSVOA_U
ClientSampleId :

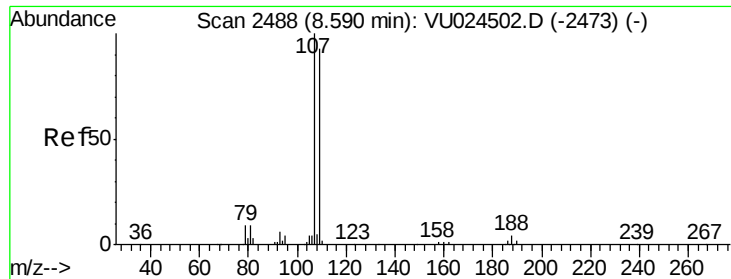
Tot Ion: 43 Resp: 767595
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0



#60
Dibromochloromethane
Concen: 50.99 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 129 Resp: 148003
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.74 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

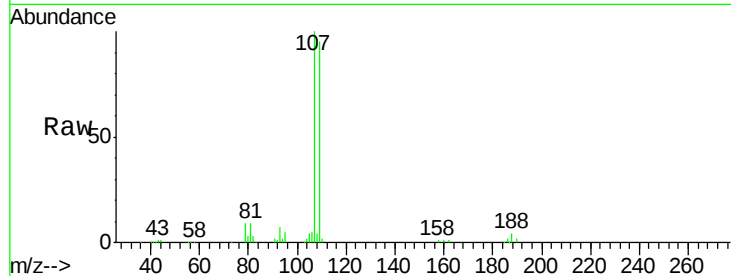
ClientSampleId :

Tot Ion:107 Resp: 136632

Ion Ratio Lower Upper

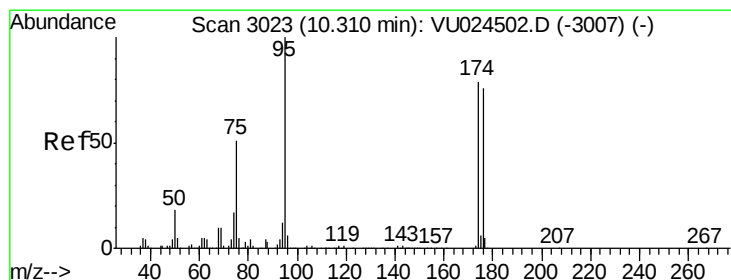
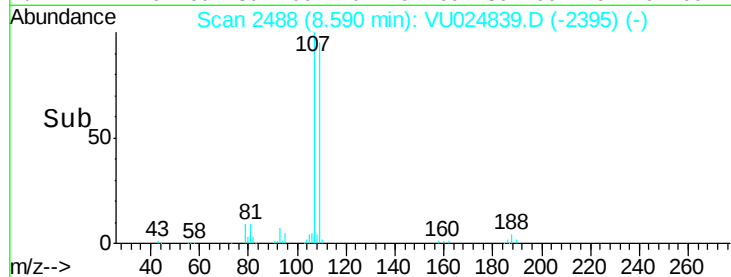
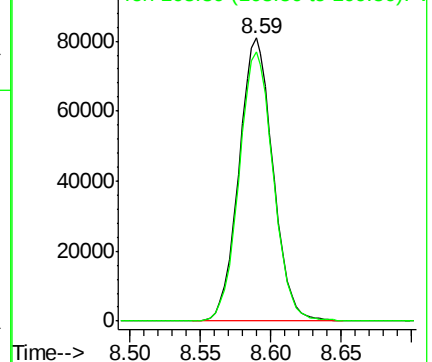
107 100

109 95.7 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.55 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

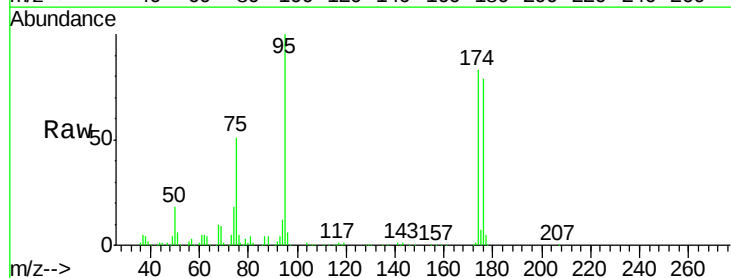
Tgt Ion: 95 Resp: 139140

Ion Ratio Lower Upper

95 100

174 85.1 0.0 165.8

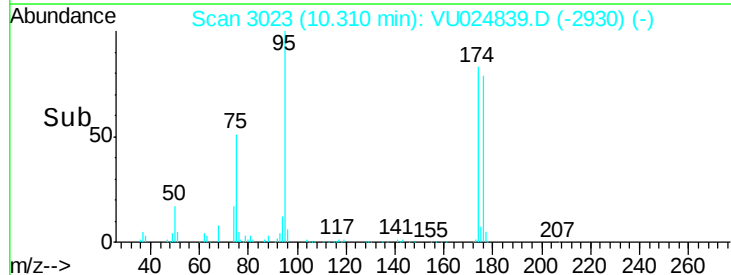
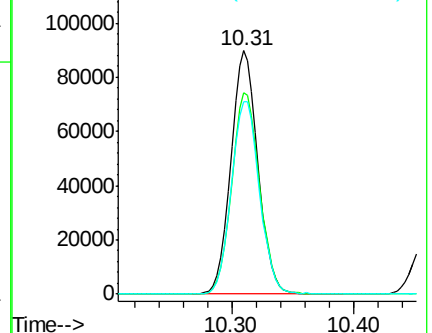
176 82.1 0.0 159.4

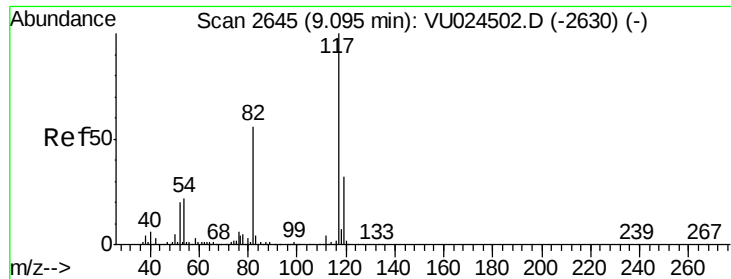


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

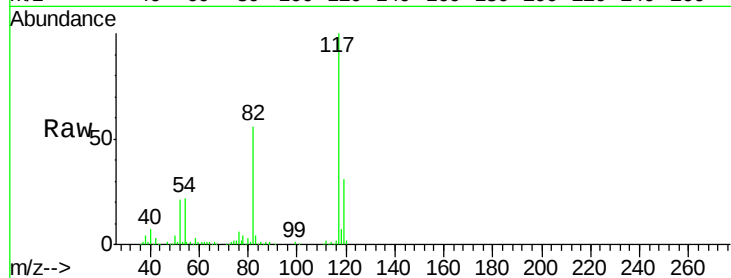




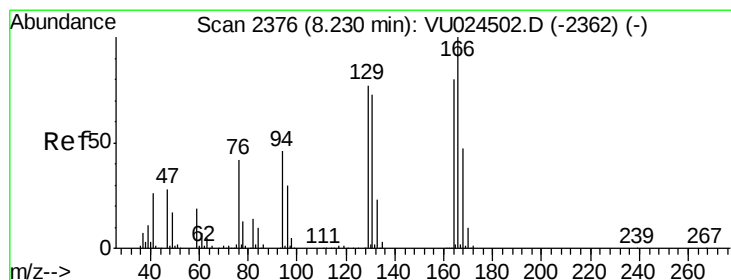
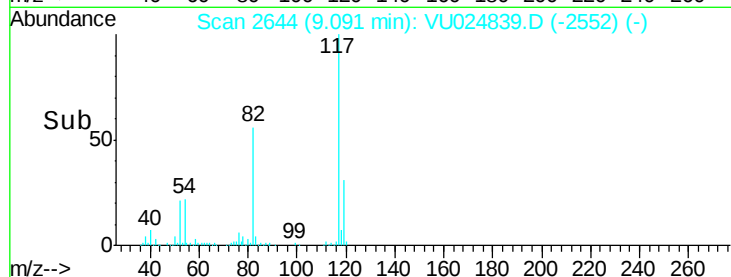
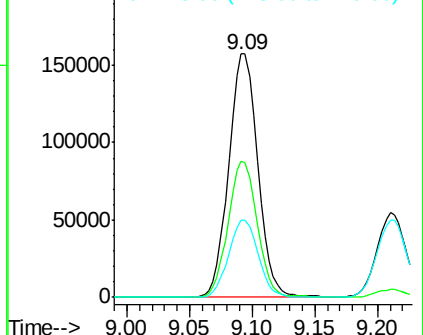
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 254044
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 31.5 25.4 38.2



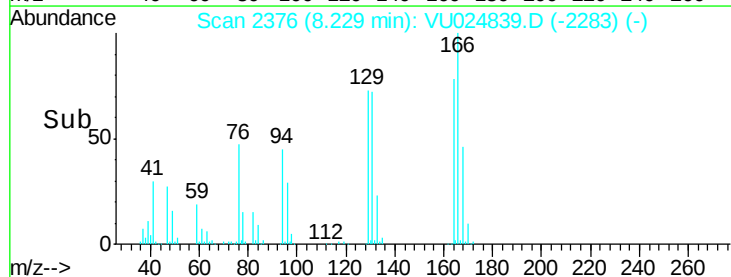
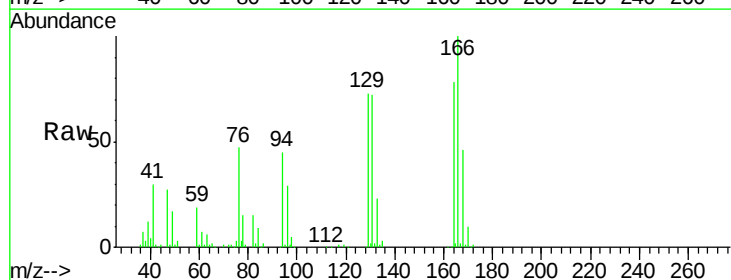
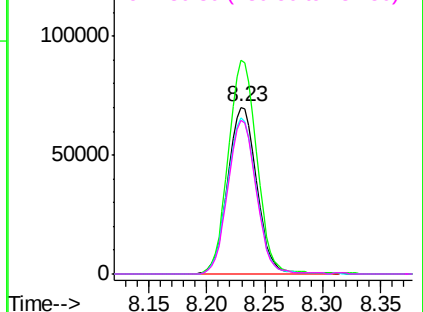
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

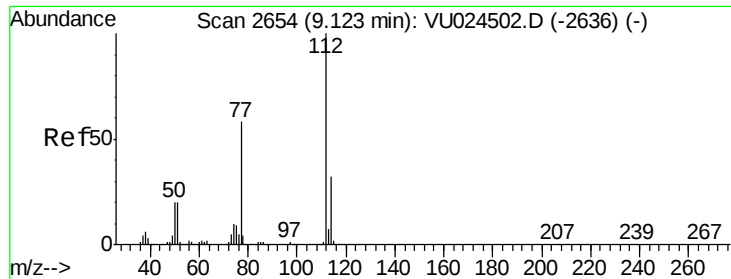


#64
Tetrachloroethene
Concen: 50.19 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion:164 Resp: 121202
Ion Ratio Lower Upper
164 100
166 128.1 101.7 152.5
129 93.4 76.9 115.3
131 92.4 74.9 112.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.67 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

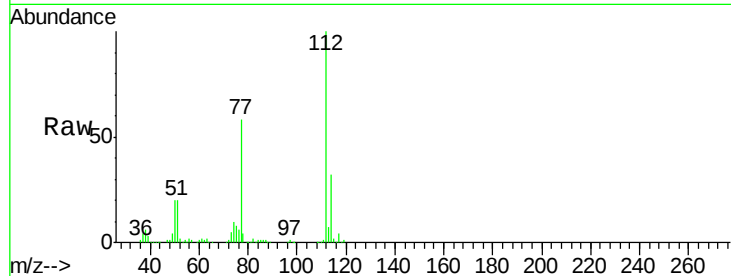
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 348287

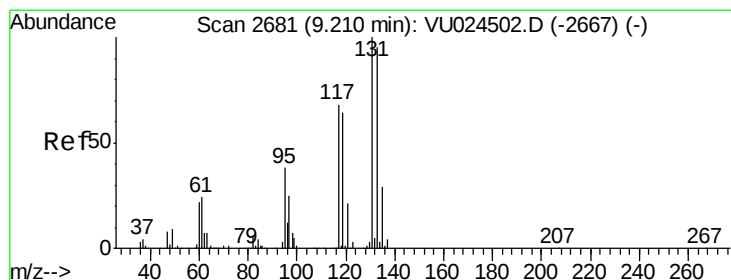
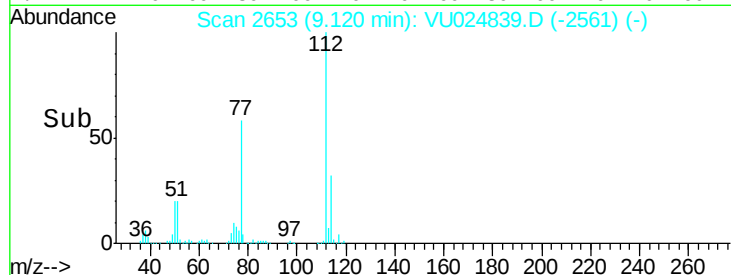
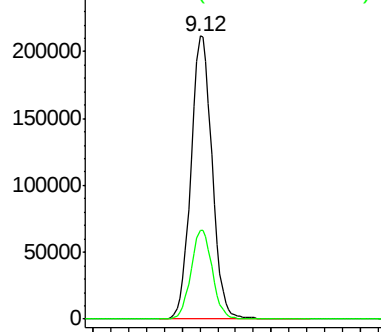
Ion Ratio Lower Upper

112 100

114 31.5 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: 53.01 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

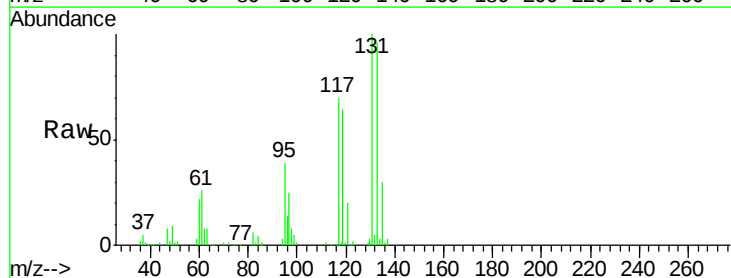
Tgt Ion:131 Resp: 130707

Ion Ratio Lower Upper

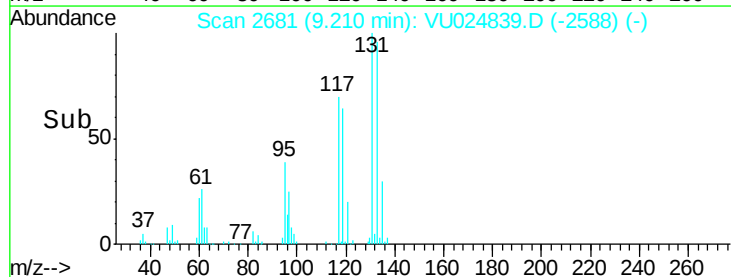
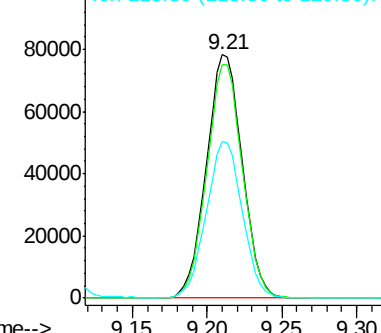
131 100

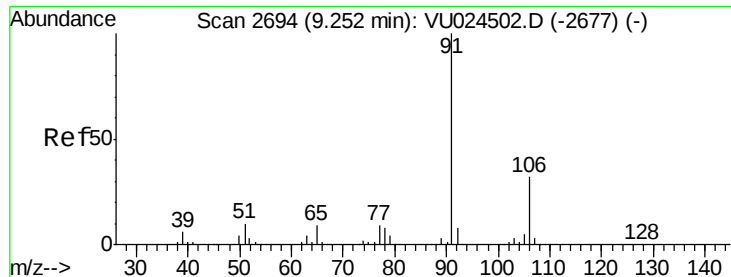
133 95.6 46.9 140.8

119 64.6 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

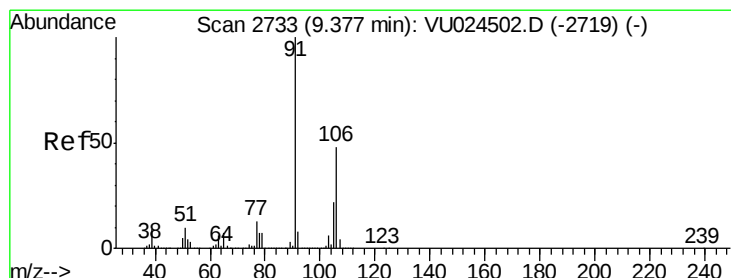
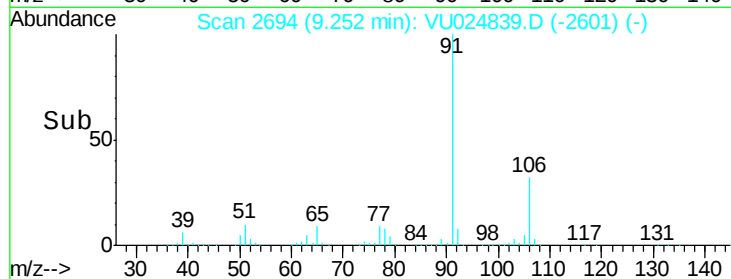
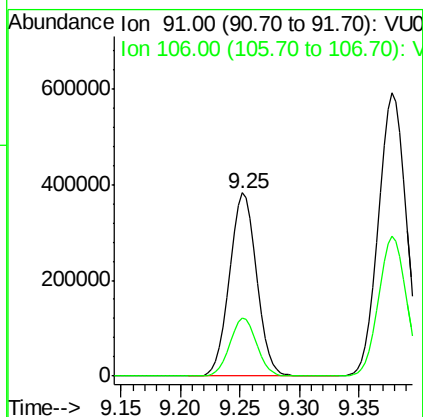
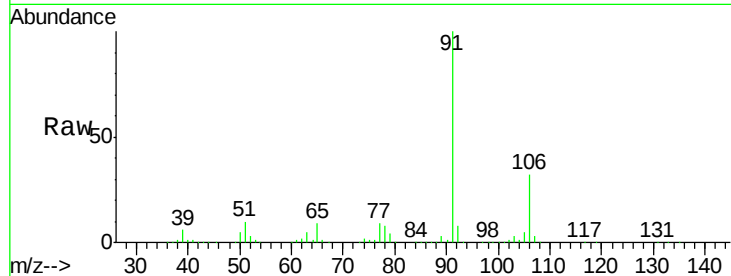




#67
Ethyl Benzene
Concen: 53.25 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

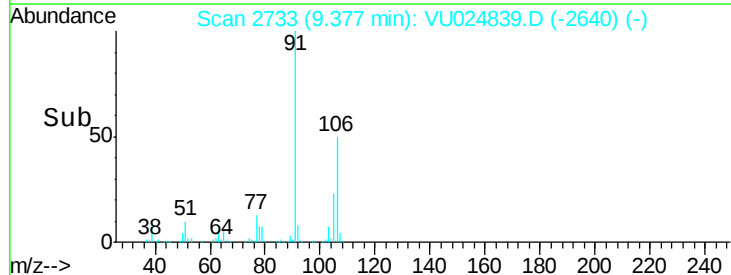
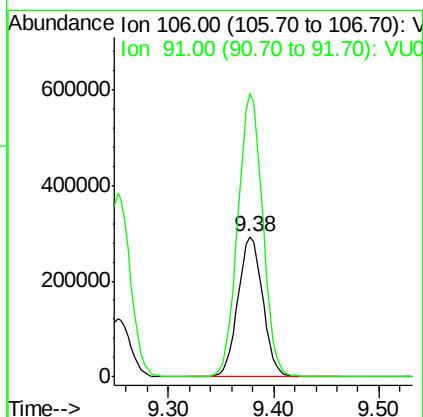
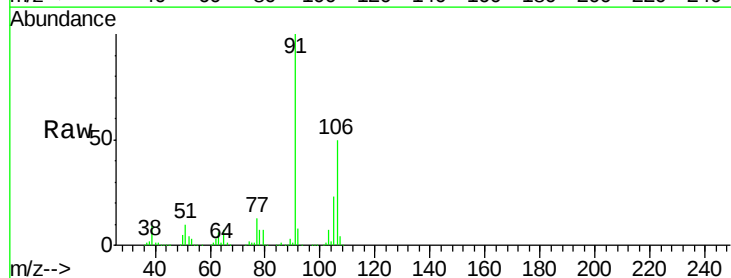
Instrument :
MSVOA_U
ClientSampled :

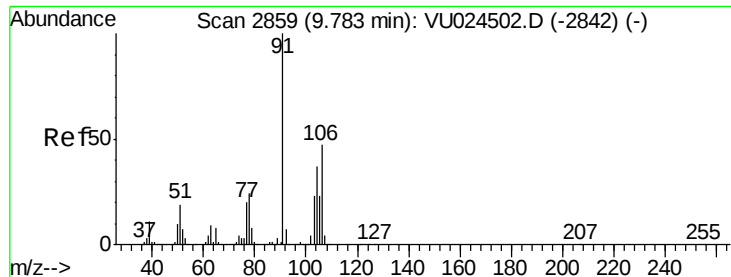
Tot Ion: 91 Resp: 605892
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 108.99 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 106 Resp: 476153
Ion Ratio Lower Upper
106 100
91 202.8 166.5 249.7

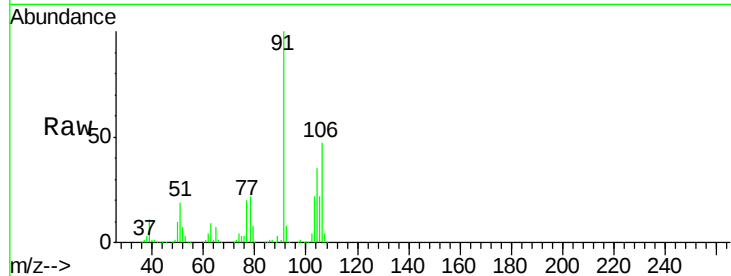




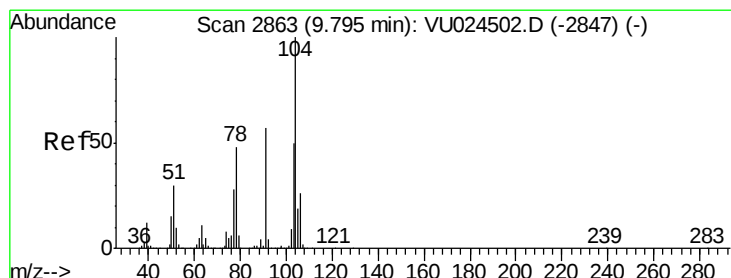
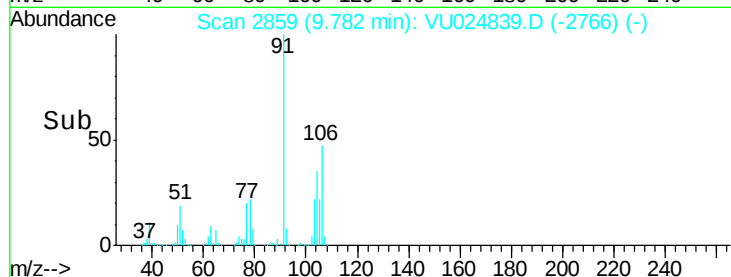
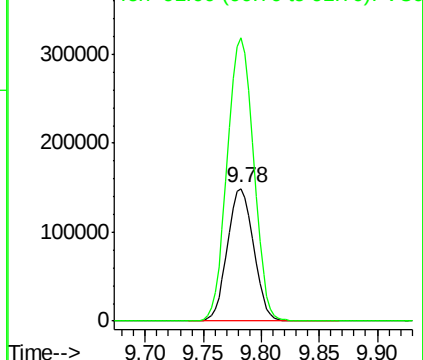
#69
o-Xylene
Concen: 53.90 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 233066
Ion Ratio Lower Upper
106 100
91 215.3 110.7 331.9

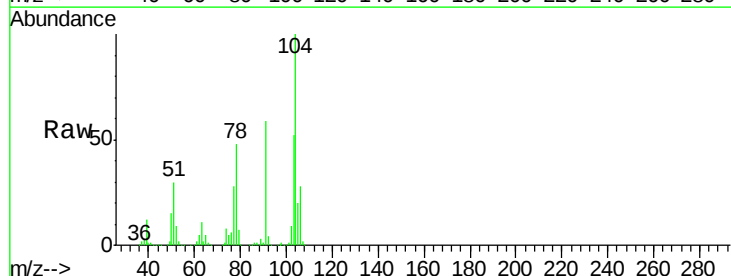


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

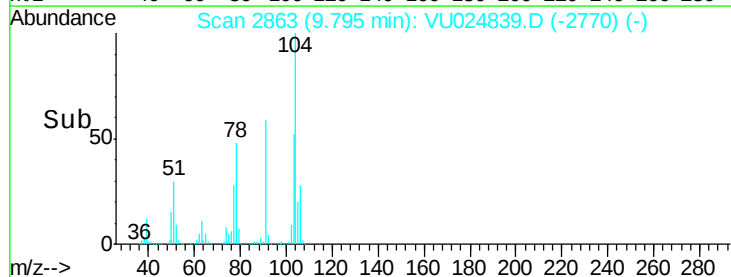
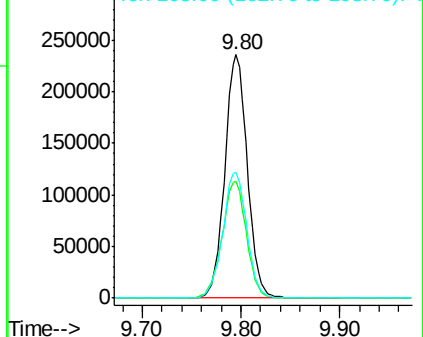


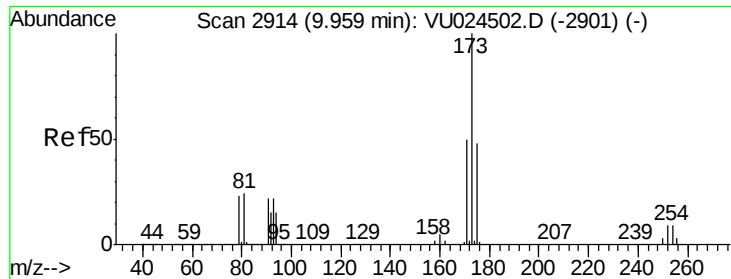
#70
Styrene
Concen: 52.88 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion:104 Resp: 375725
Ion Ratio Lower Upper
104 100
78 51.9 40.6 60.8
103 55.2 44.7 67.1



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





#71

Bromoform

Concen: 49.64 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

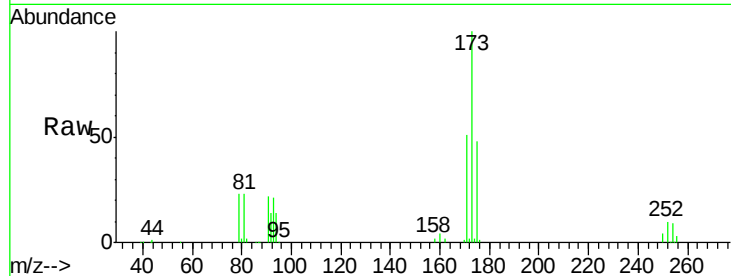
Tot Ion:173 Resp: 116329

Ion Ratio Lower Upper

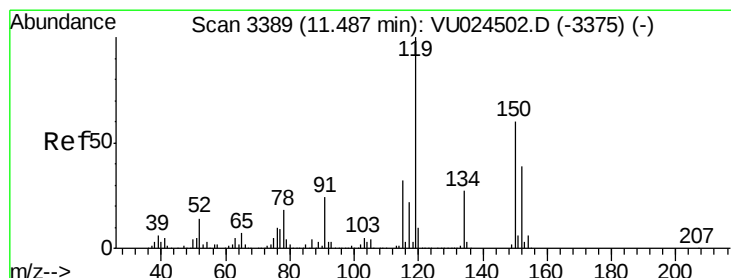
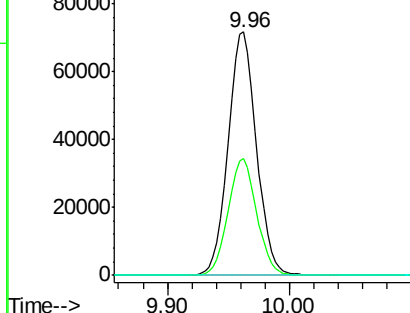
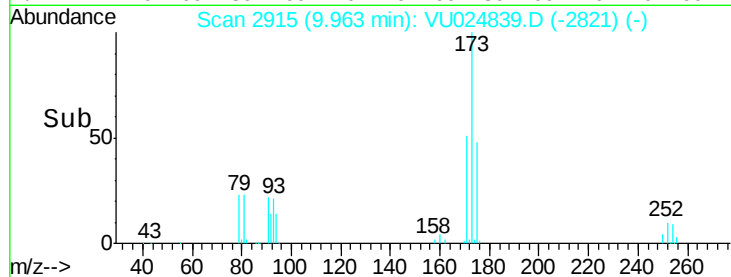
173 100

175 48.3 24.6 74.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

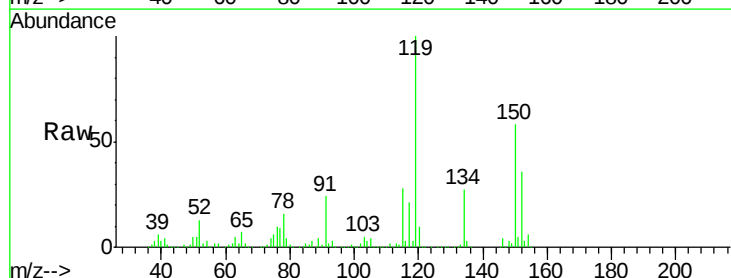
Tgt Ion:152 Resp: 158936

Ion Ratio Lower Upper

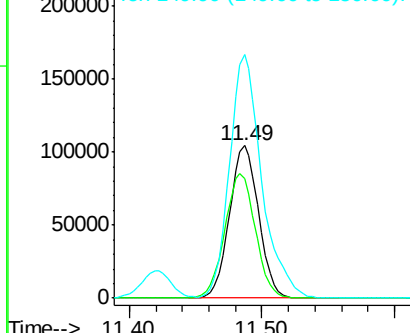
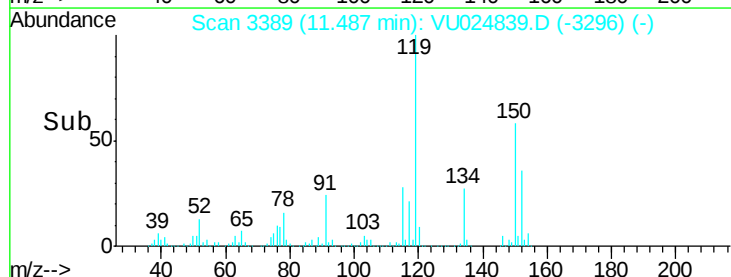
152 100

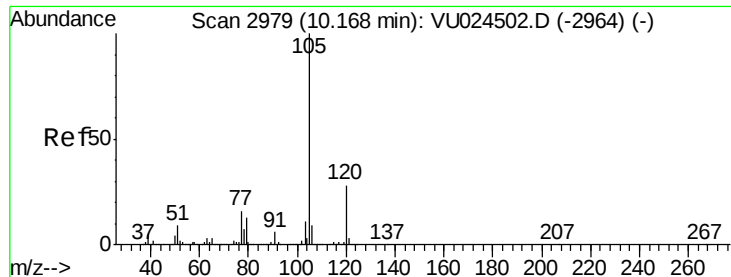
115 85.7 43.0 129.0

150 176.9 0.0 354.0



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





#73

Isopropylbenzene

Concen: 52.00 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

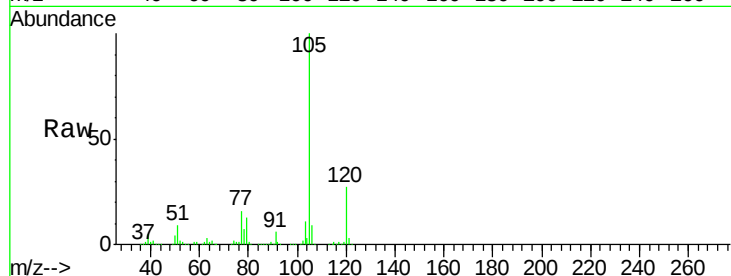
ClientSampleId :

Tot Ion:105 Resp: 634480

Ion Ratio Lower Upper

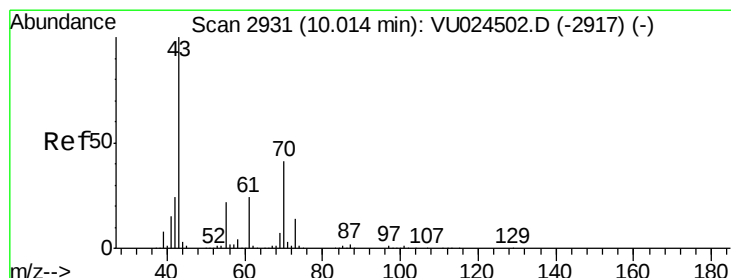
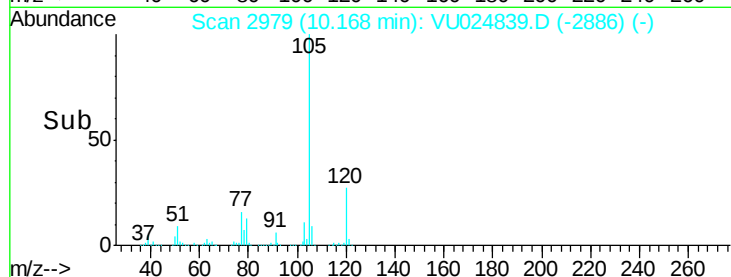
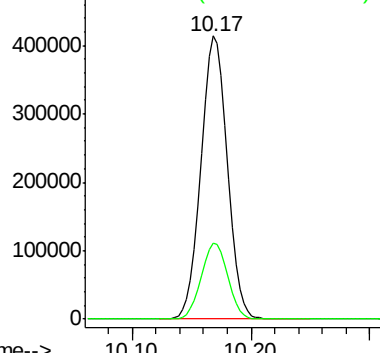
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.14 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion: 43 Resp: 279392

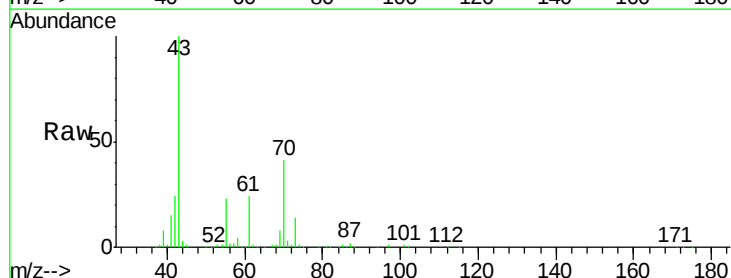
Ion Ratio Lower Upper

43 100

70 40.9 32.2 48.4

55 23.2 20.5 30.7

61 24.0 18.7 28.1

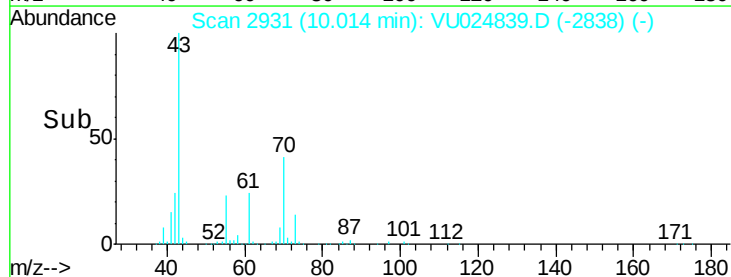
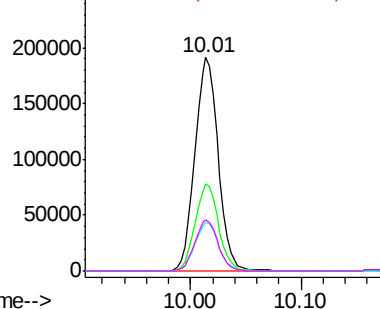


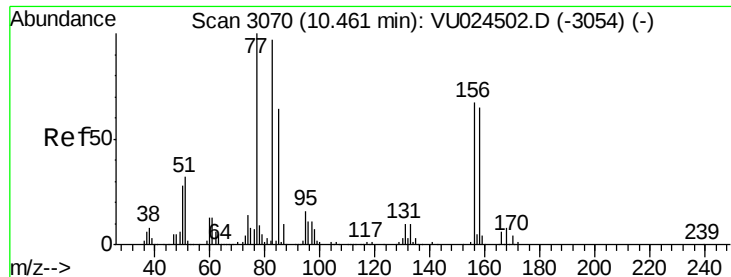
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.62 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

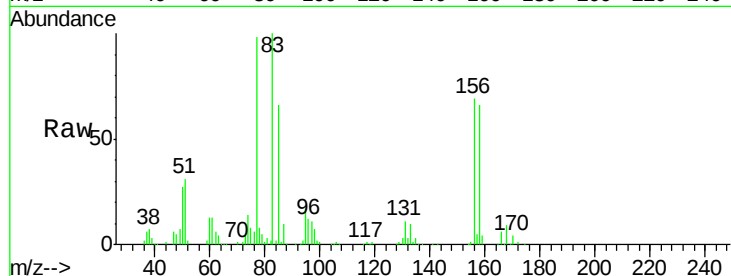
Tot Ion: 83 Resp: 206990

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

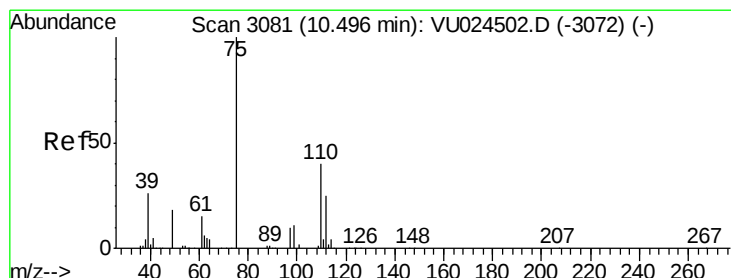
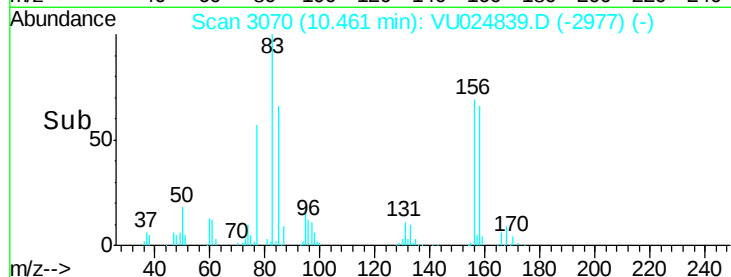
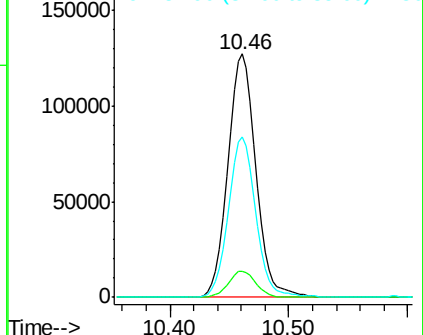
85 64.7 32.5 97.5



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: 70.77 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024839.D

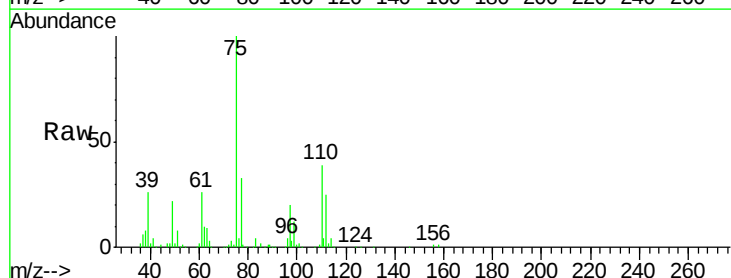
Acq: 22 Jun 2018 17:22

Tgt Ion: 75 Resp: 247621

Ion Ratio Lower Upper

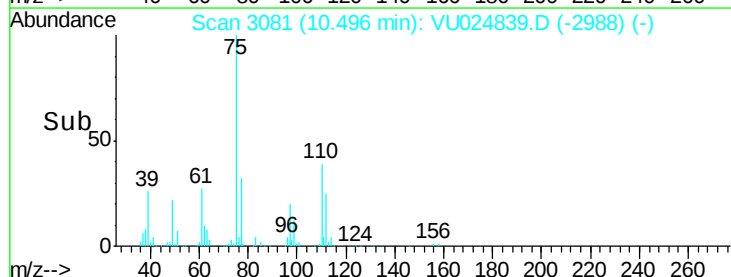
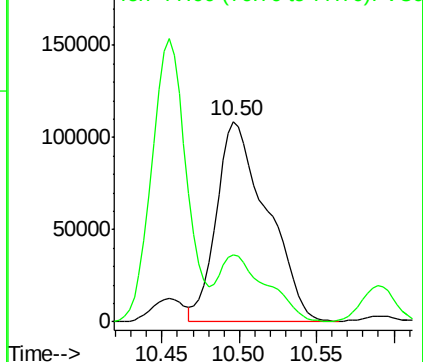
75 100

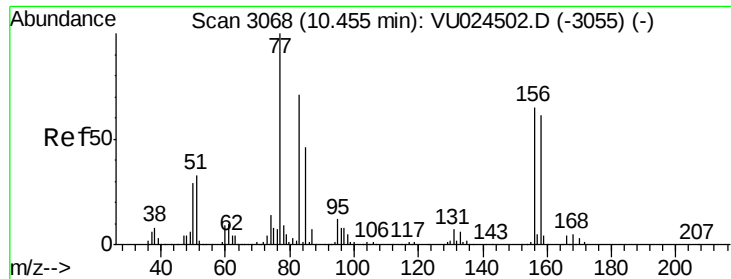
77 32.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 51.70 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampled :

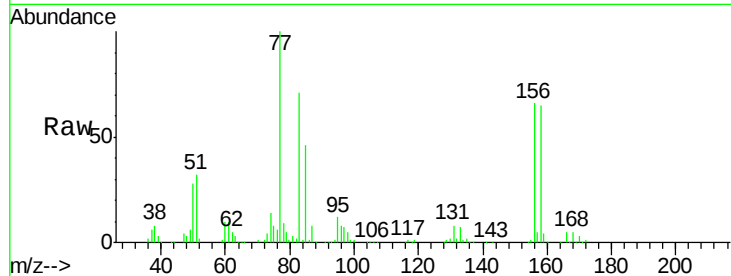
Tot Ion:156 Resp: 159709

Ion Ratio Lower Upper

156 100

77 150.0 80.5 241.3

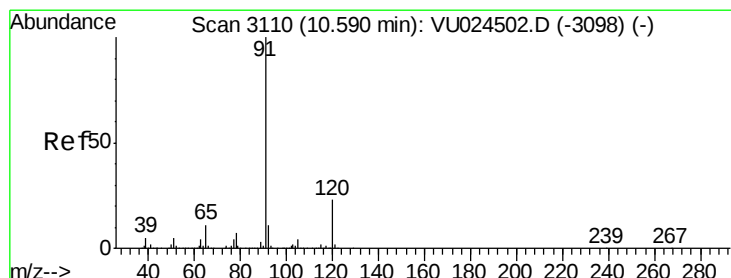
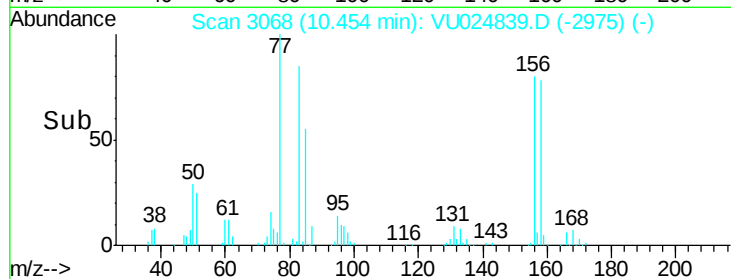
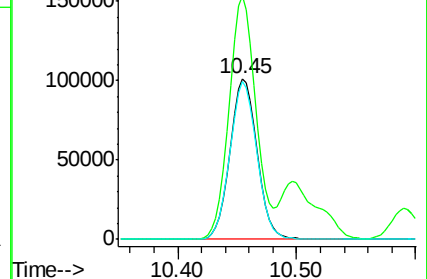
158 97.7 48.2 144.6



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: 51.17 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024839.D

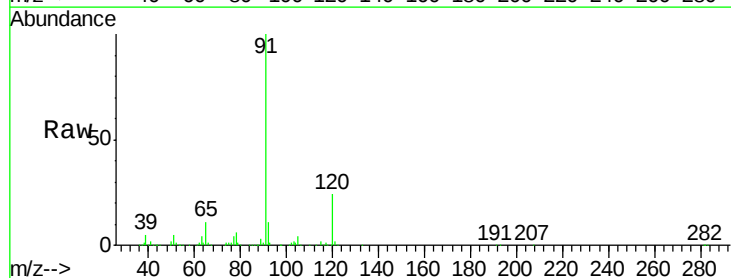
Acq: 22 Jun 2018 17:22

Tgt Ion: 91 Resp: 735579

Ion Ratio Lower Upper

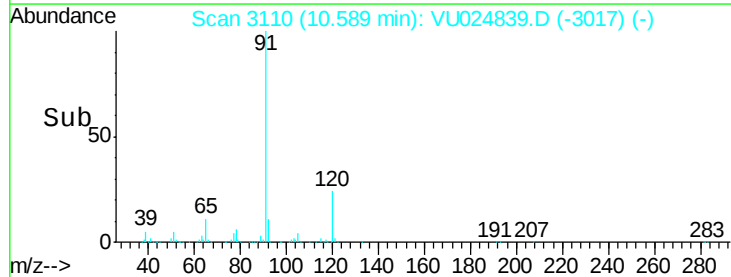
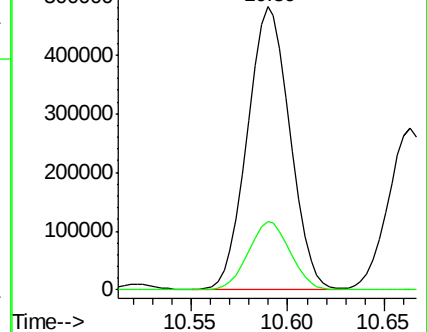
91 100

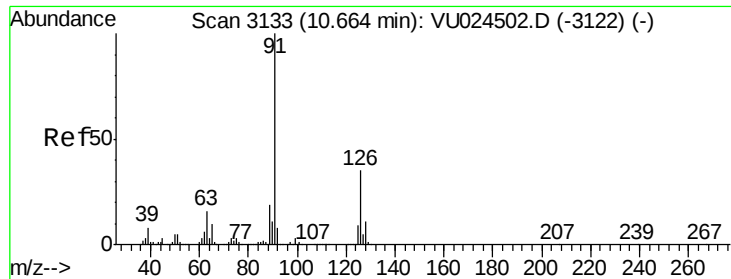
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.81 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

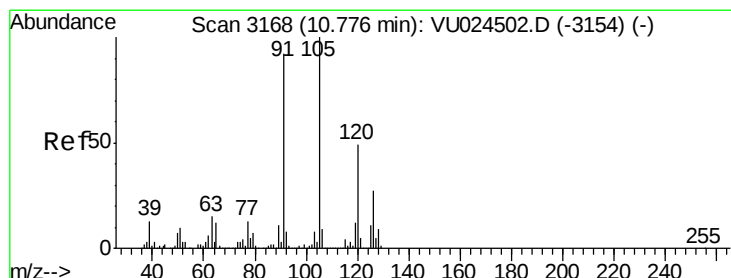
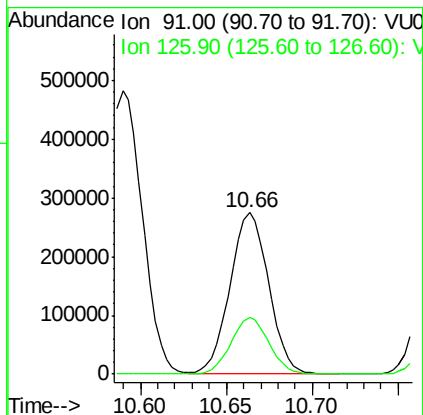
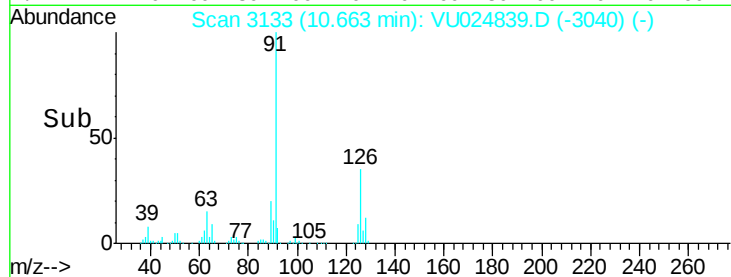
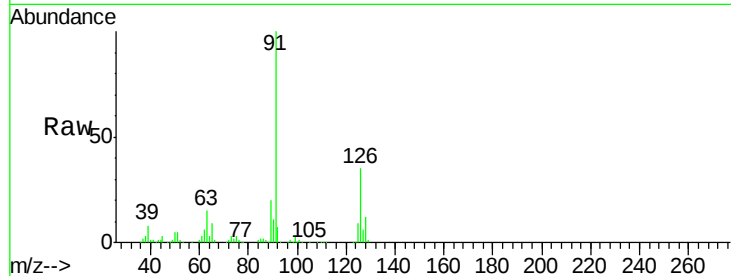
ClientSampleId :

Tot Ion: 91 Resp: 430709

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 52.61 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024839.D

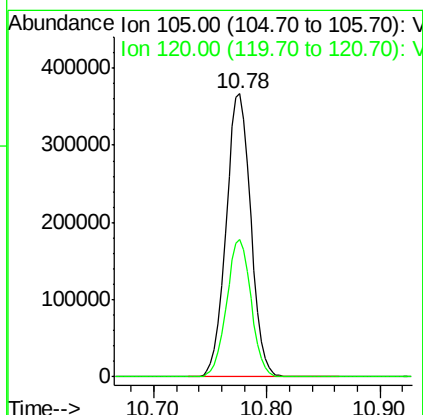
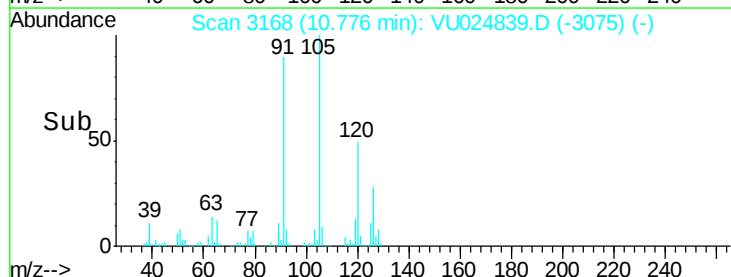
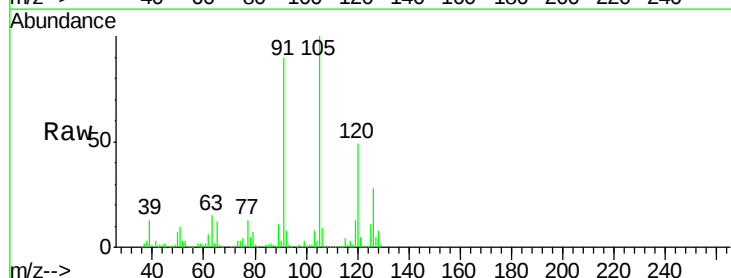
Acq: 22 Jun 2018 17:22

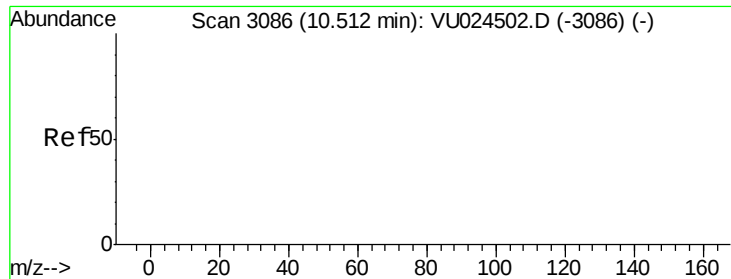
Tgt Ion: 105 Resp: 556442

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 163.78 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

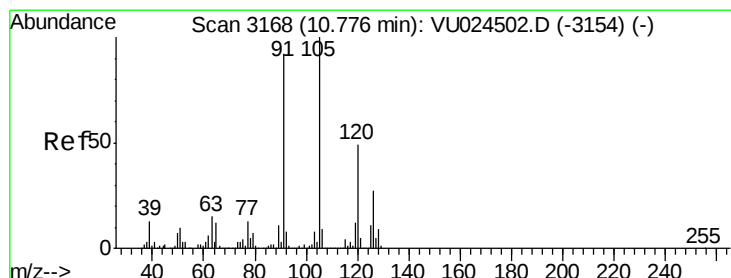
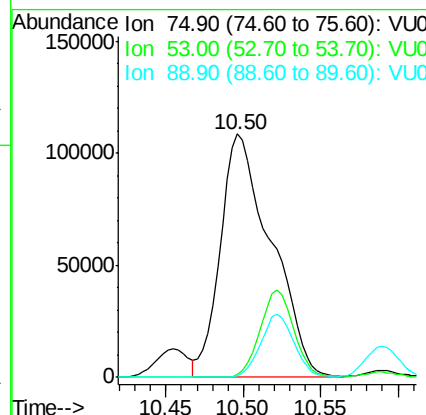
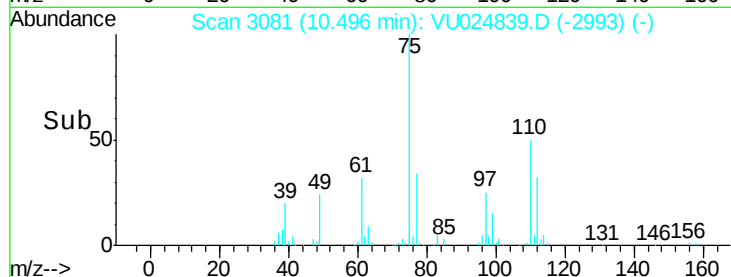
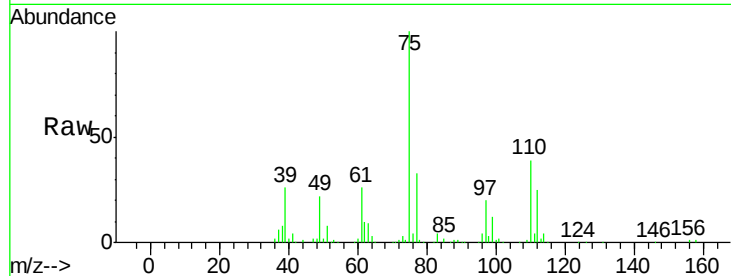
Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 247621

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 51.60 ug/l

RT: 10.78 min Scan# 3168

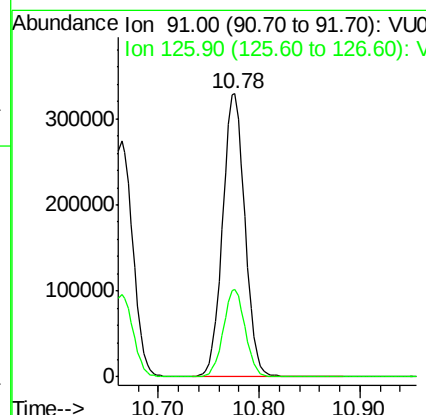
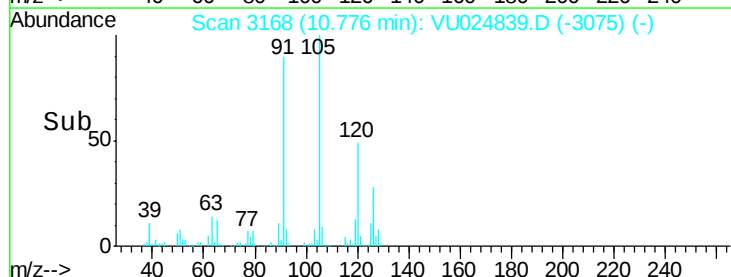
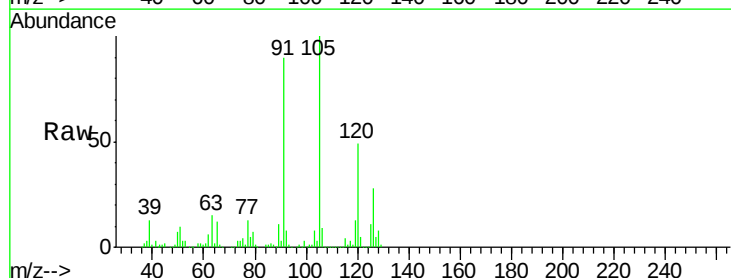
Delta R.T. -0.00 min

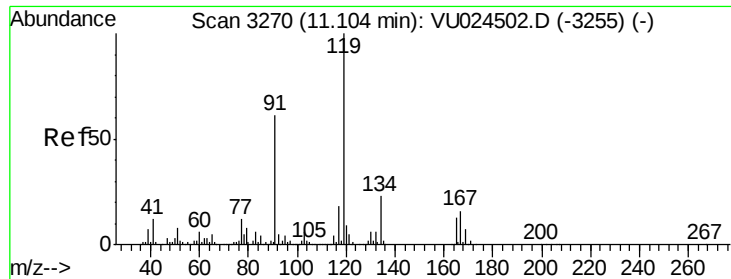
Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion: 91 Resp: 509090

Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9

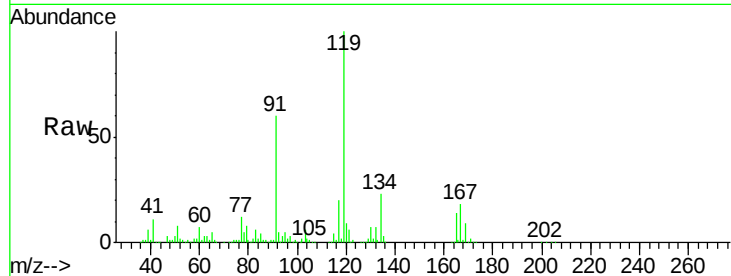




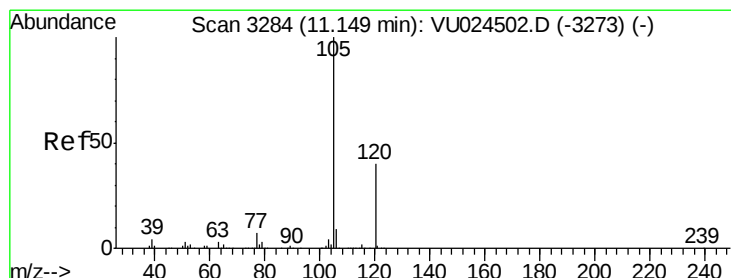
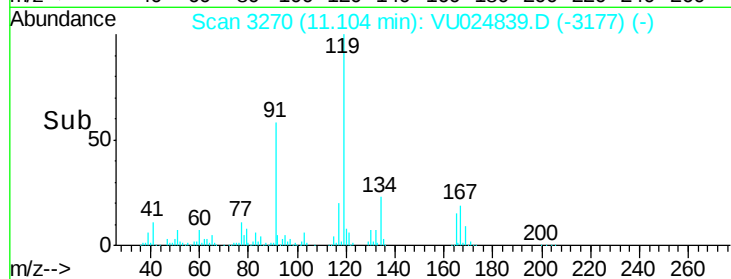
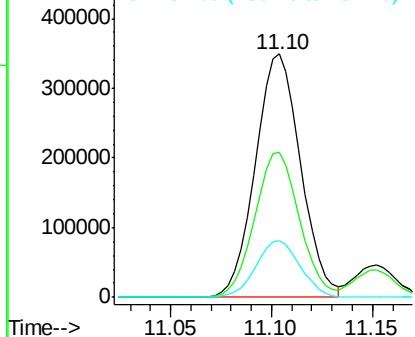
#83
tert-Butylbenzene
Concen: 53.73 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.7	89.1
134	22.8	11.6	34.7

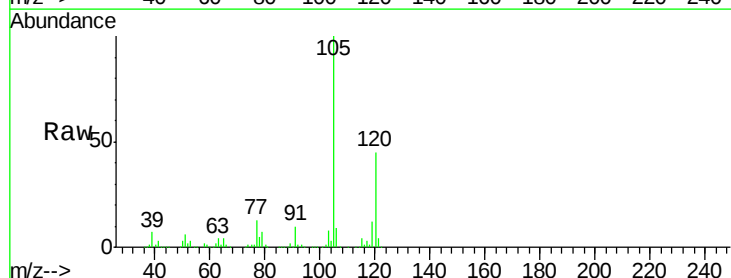


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

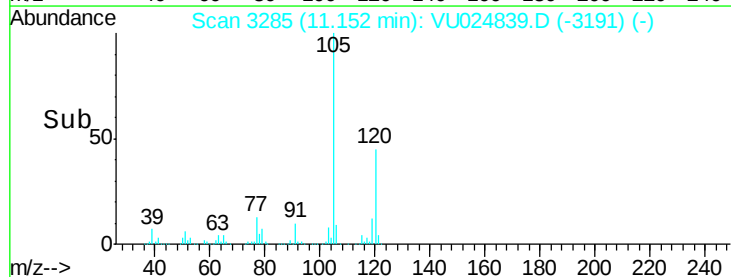
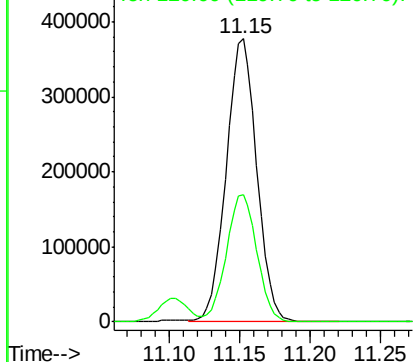


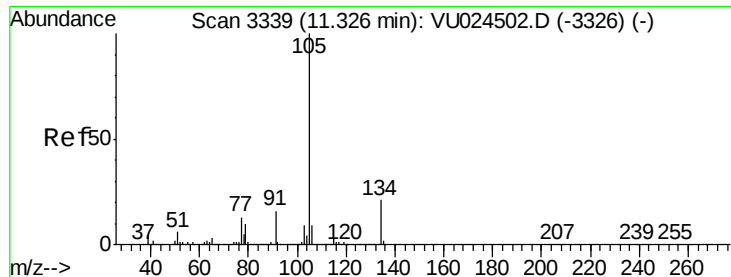
#84
1,2,4-Trimethylbenzene
Concen: 52.80 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.72 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

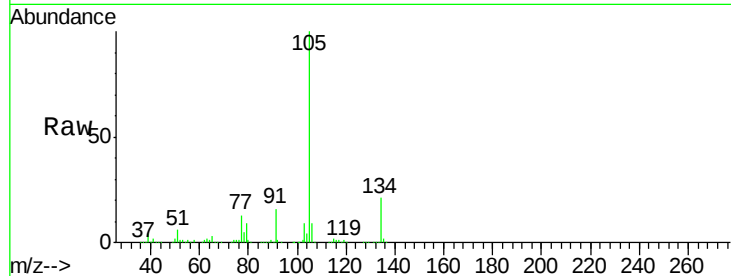
ClientSampleId :

Tot Ion:105 Resp: 671338

Ion Ratio Lower Upper

105 100

134 20.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

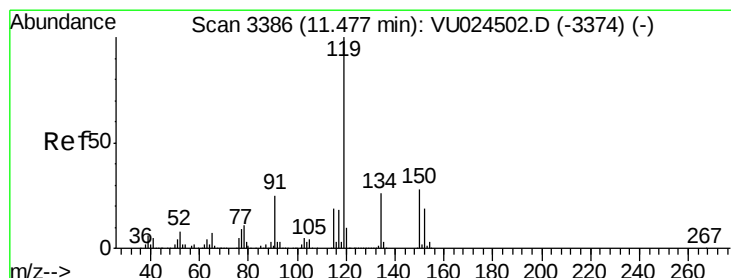
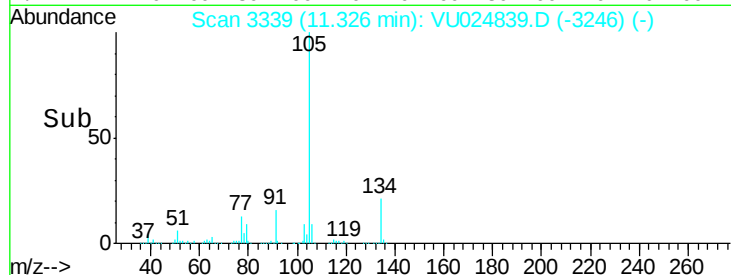
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.85 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

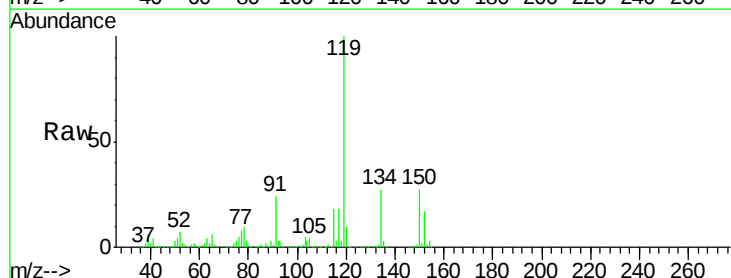
Tgt Ion:119 Resp: 602752

Ion Ratio Lower Upper

119 100

134 26.6 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

11.48

400000

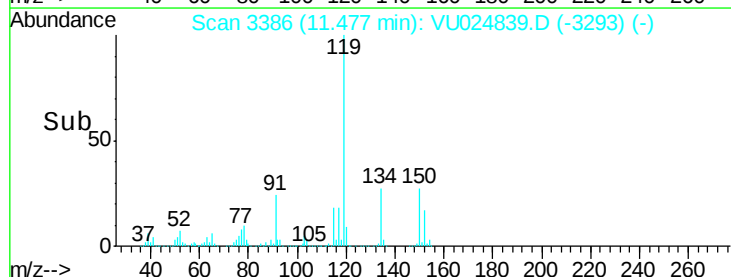
300000

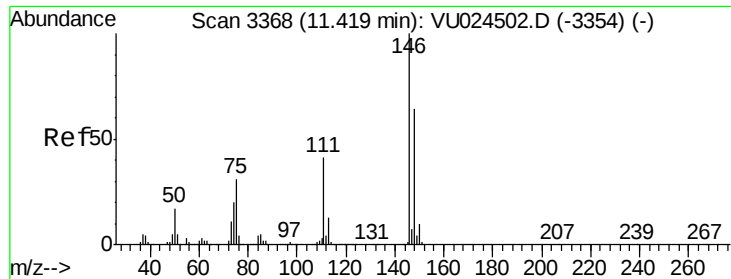
200000

100000

0

Time-->

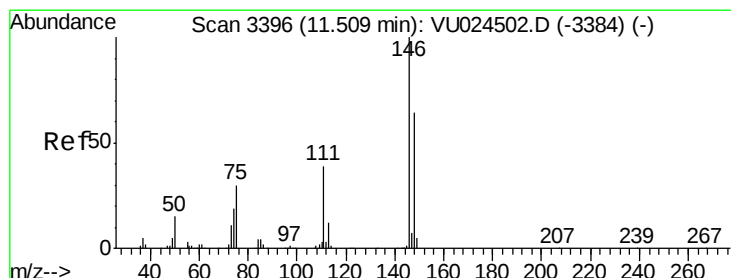
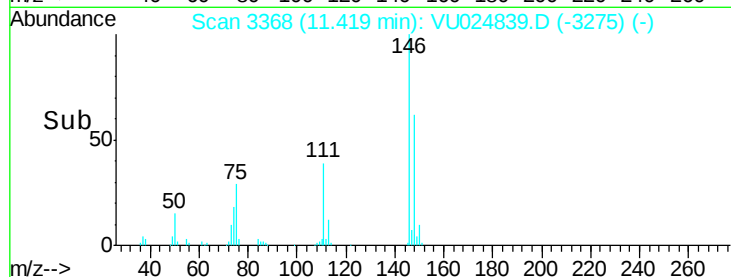
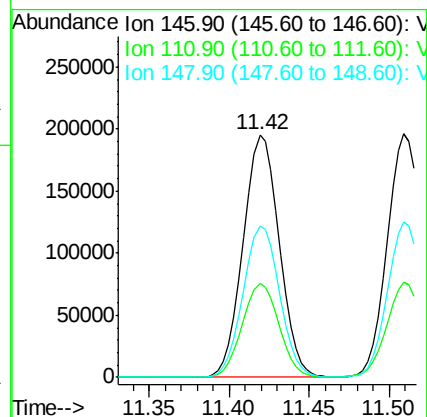
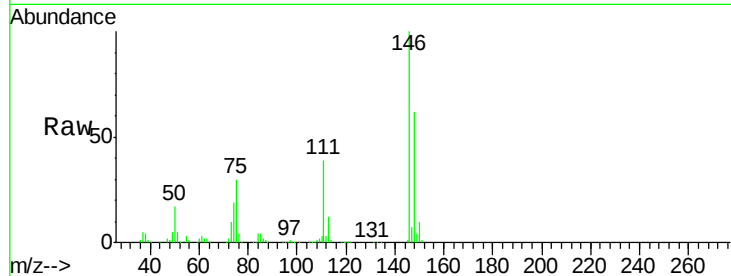




#87
 1,3-Dichlorobenzene
 Concen: 52.66 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

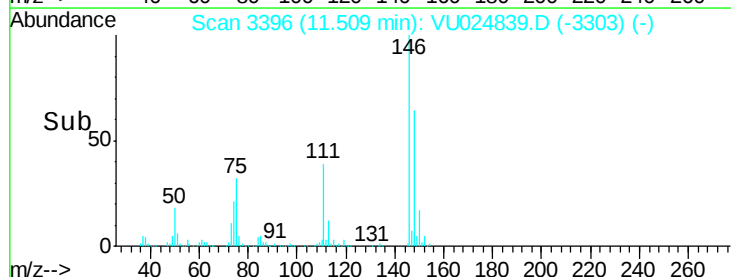
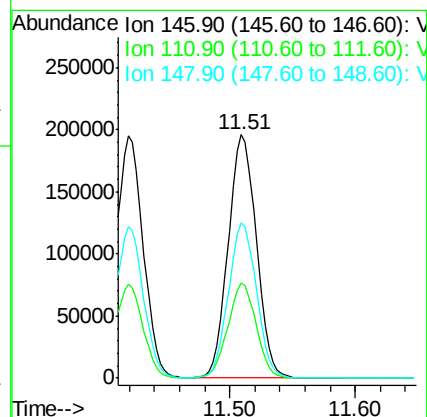
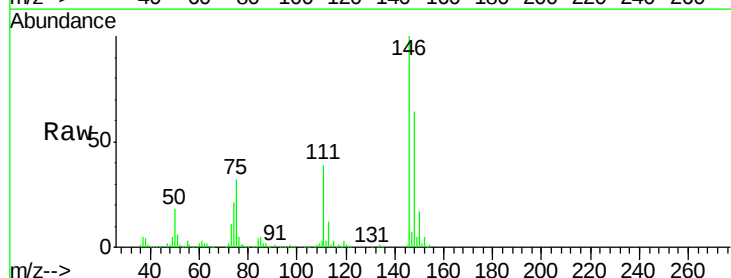
Instrument :
 MSVOA_U
 ClientSampleId :

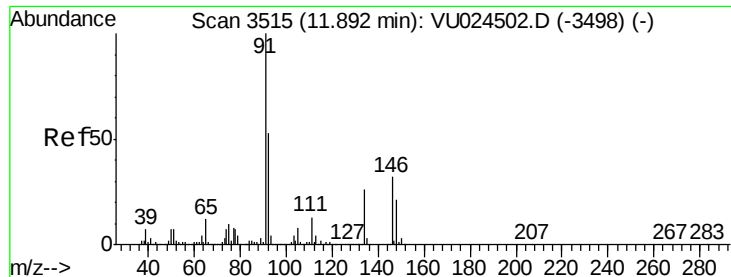
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.19 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	63.3	32.4	97.0





#89

n-Butylbenzene

Concen: 51.83 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampled :

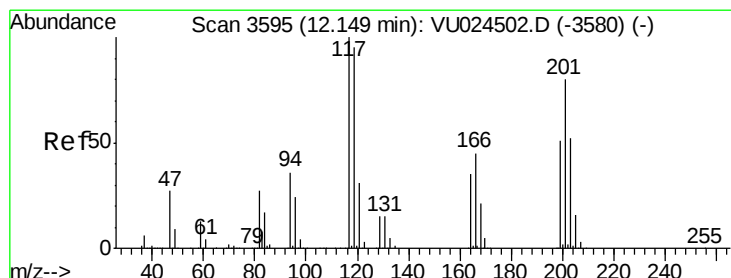
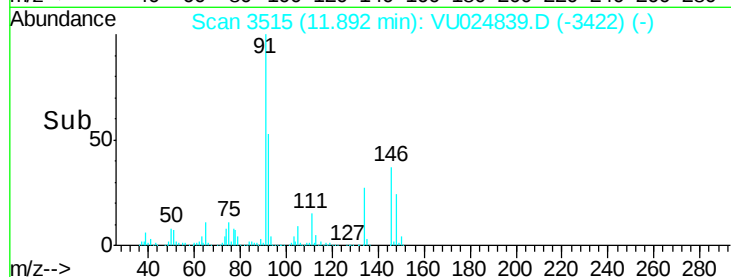
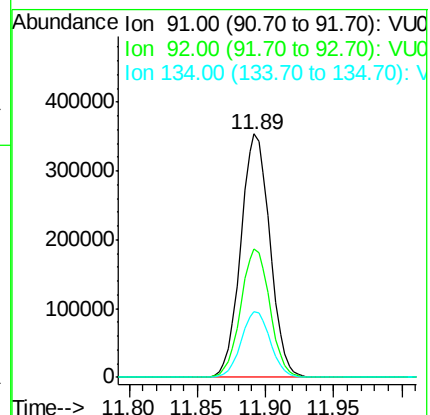
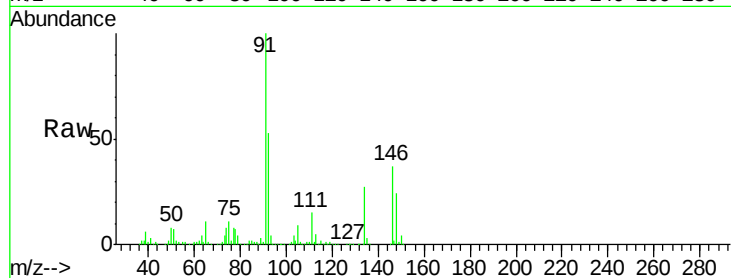
Tot Ion: 91 Resp: 524812

Ion Ratio Lower Upper

91 100

92 52.7 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 47.63 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024839.D

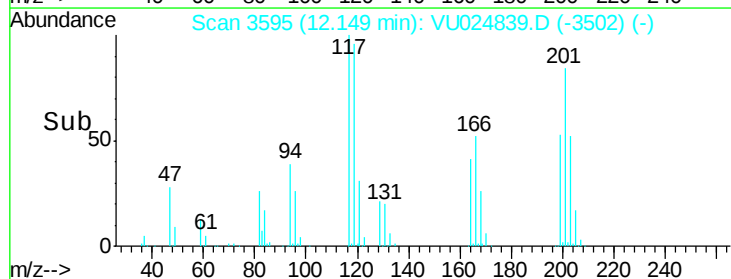
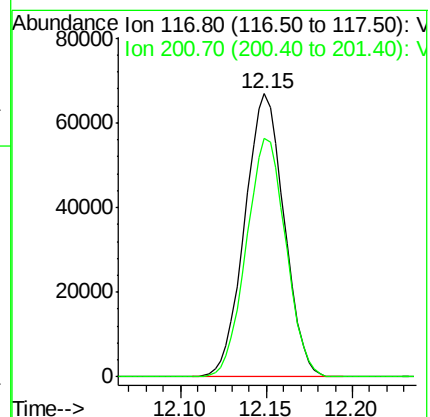
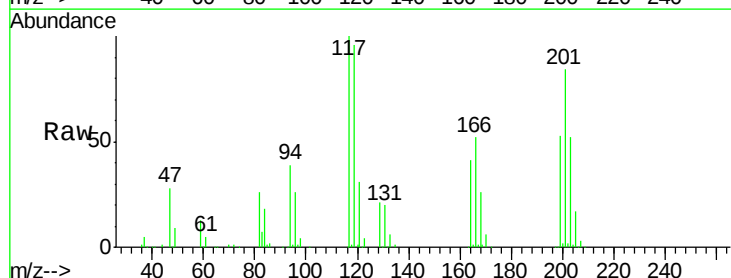
Acq: 22 Jun 2018 17:22

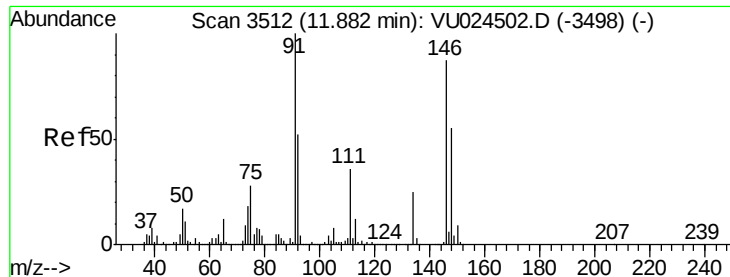
Tgt Ion: 117 Resp: 105982

Ion Ratio Lower Upper

117 100

201 84.6 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 54.45 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampled :

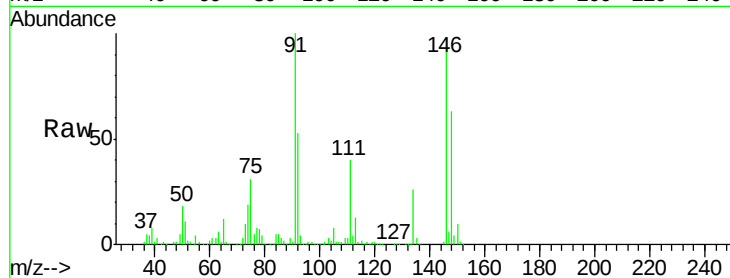
Tot Ion:146 Resp: 311291

Ion Ratio Lower Upper

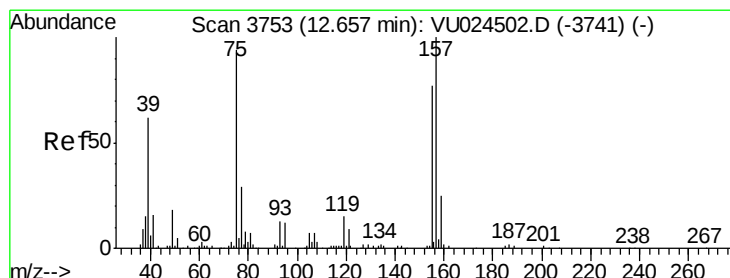
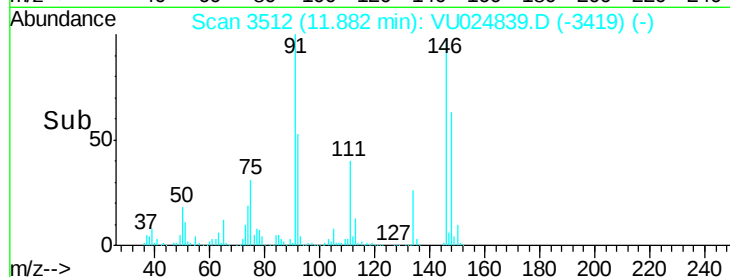
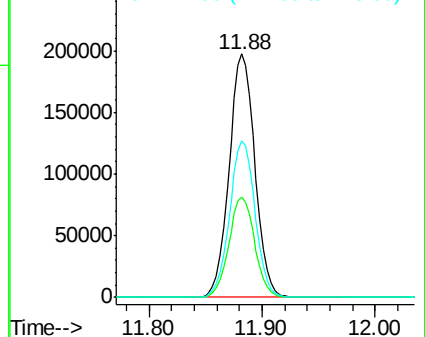
146 100

111 41.2 20.5 61.6

148 63.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.60 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

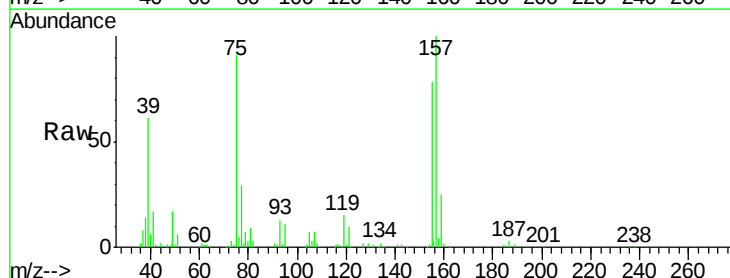
Tgt Ion: 75 Resp: 57090

Ion Ratio Lower Upper

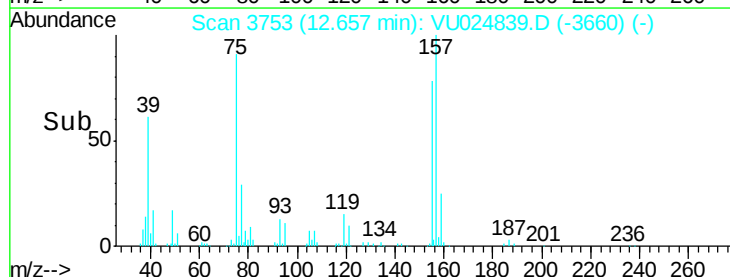
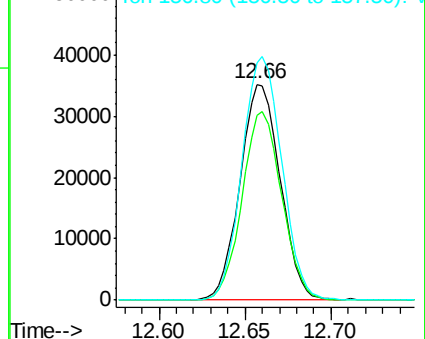
75 100

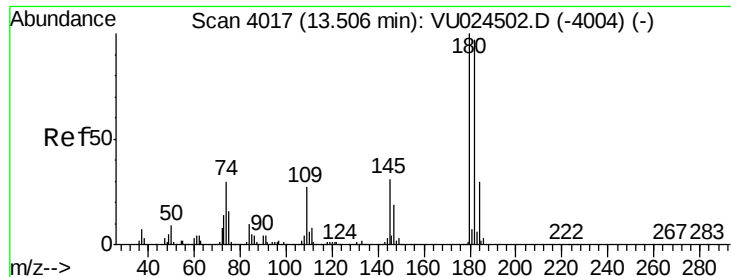
155 86.2 40.4 121.2

157 112.1 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

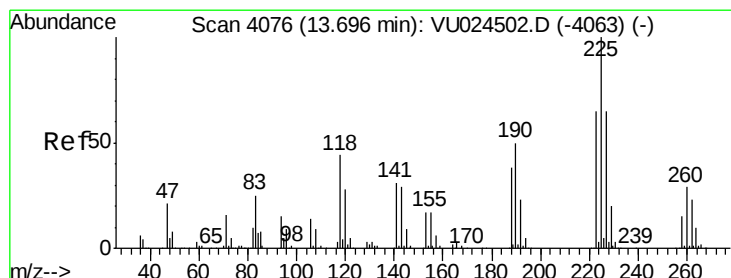
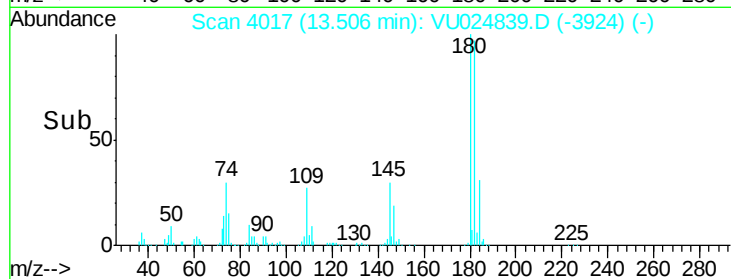
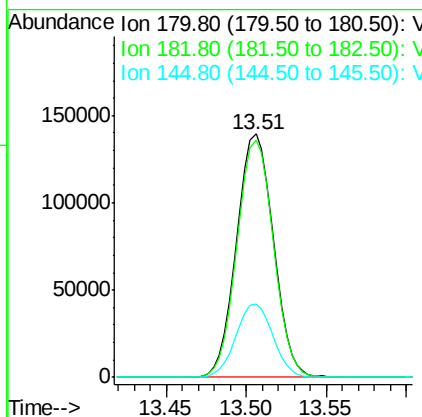
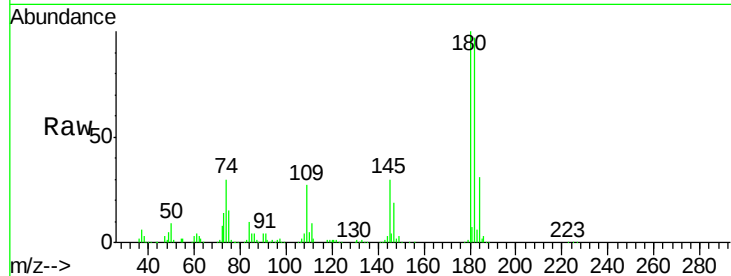




#93
 1,2,4-Trichlorobenzene
 Concen: 62.06 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

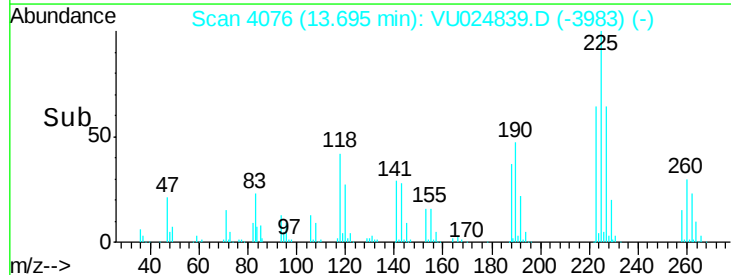
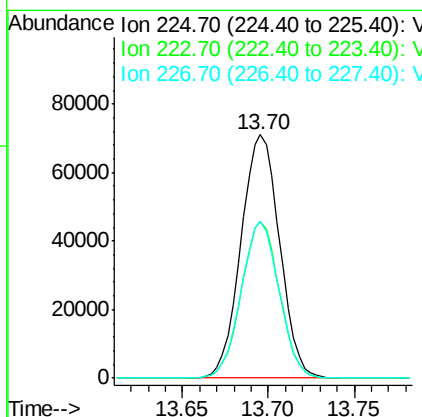
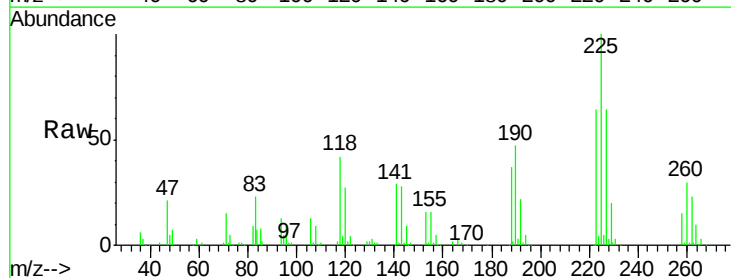
Instrument :
 MSVOA_U
 ClientSampled :

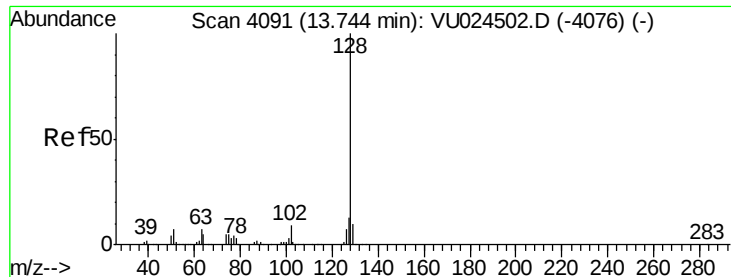
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.0	144.2
145	30.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 55.68 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	63.4	31.8	95.4





#95

Naphthalene

Concen: 60.29 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

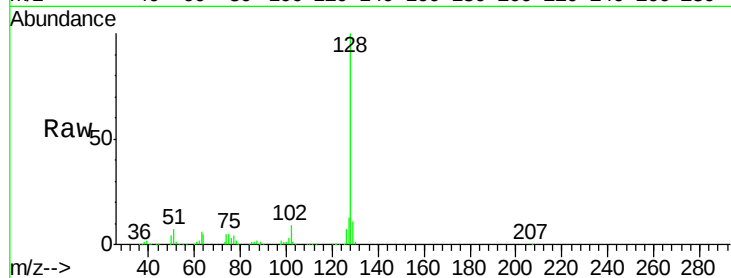
Tot Ion:128 Resp: 706262

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

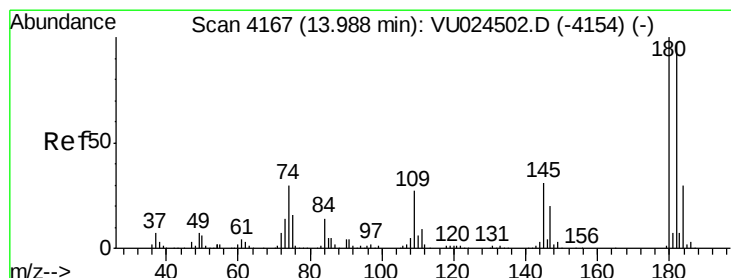
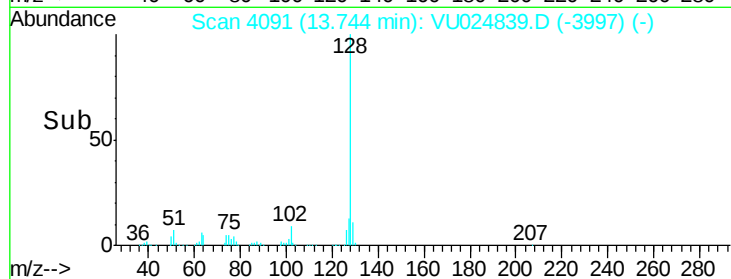
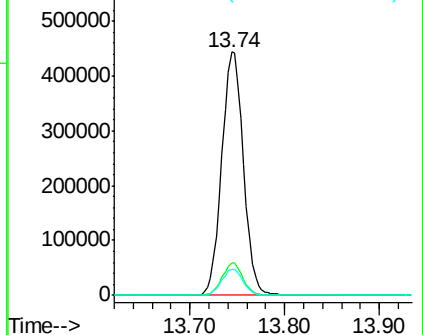
129 10.6 8.6 12.8



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: 64.85 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

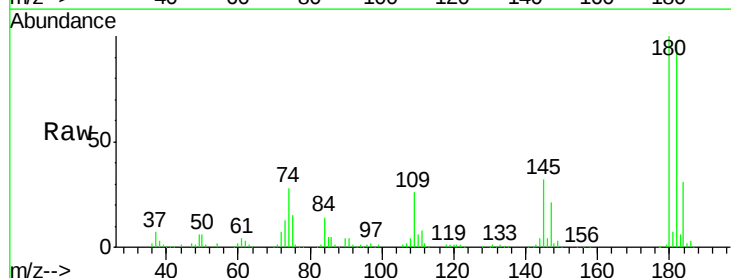
Tgt Ion:180 Resp: 228120

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 31.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

