

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026678.D
 Acq On : 11 Sep 2018 11:20
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 12 04:52:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 04:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	101424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	153571	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	25715	16.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.42%	
35) Dibromofluoromethane	4.89	113	21448	17.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.24%	
50) Toluene-d8	7.57	98	77047	16.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.26%	
62) 4-Bromofluorobenzene	10.31	95	26588	15.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	21669	19.77	ug/l	98
3) Chloromethane	1.33	50	30152	19.70	ug/l	99
4) Vinyl Chloride	1.40	62	30824	19.43	ug/l	99
5) Bromomethane	1.62	94	20065	20.19	ug/l	95
6) Chloroethane	1.70	64	19393	19.21	ug/l	97
7) Trichlorofluoromethane	1.88	101	41529	20.02	ug/l	100
8) Diethyl Ether	2.10	74	17480	19.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23869	19.38	ug/l	97
10) Methyl Iodide	2.41	142	13723	14.79	ug/l	98
11) Tert butyl alcohol	2.82	59	33661	89.76	ug/l	99
12) 1,1-Dichloroethene	2.28	96	22653	19.45	ug/l	99
13) Acrolein	2.20	56	23236	91.94	ug/l	99
14) Allyl chloride	2.59	41	38602	18.41	ug/l	98
15) Acrylonitrile	2.94	53	79257	98.55	ug/l	100
16) Acetone	2.32	43	82802	95.06	ug/l	98
17) Carbon Disulfide	2.48	76	69306	18.71	ug/l	99
18) Methyl Acetate	2.62	43	36759	19.56	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	76520	19.09	ug/l	100
20) Methylene Chloride	2.70	84	26941	19.07	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	23603	19.24	ug/l	99
22) Diisopropyl ether	3.57	45	87957	20.10	ug/l	95
23) Vinyl Acetate	3.53	43	368577	99.13	ug/l	99
24) 1,1-Dichloroethane	3.45	63	48301	19.56	ug/l	99
25) 2-Butanone	4.26	43	113750	96.94	ug/l	97
26) 2,2-Dichloropropane	4.23	77	40347	19.88	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27698	19.59	ug/l	99
28) Bromochloromethane	4.55	49	23236	19.68	ug/l	98
29) Tetrahydrofuran	4.64	42	69861	98.75	ug/l	99
30) Chloroform	4.67	83	47273	19.47	ug/l	100
31) Cyclohexane	5.00	56	43611	17.07	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	39988	19.89	ug/l	99
36) 1,1-Dichloropropene	5.14	75	33735	19.57	ug/l	98
37) Ethyl Acetate	4.38	43	40503	19.53	ug/l	98
38) Carbon Tetrachloride	5.14	117	36207	19.88	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	39207	19.15	ug/l	100
40) Benzene	5.39	78	106643	19.92	ug/l	100
41) Methacrylonitrile	4.55	41	21874	20.33	ug/l	99
42) 1,2-Dichloroethane	5.41	62	38264	20.04	ug/l	99
43) Isopropyl Acetate	5.55	43	63292	20.05	ug/l	99
44) Trichloroethene	6.19	130	25946	19.58	ug/l	96
45) 1,2-Dichloropropane	6.44	63	28665	19.69	ug/l	99
46) Dibromomethane	6.56	93	18805	20.02	ug/l	97
47) Bromodichloromethane	6.76	83	36609	19.79	ug/l	95
48) Methyl methacrylate	6.62	41	30058	19.29	ug/l	99
49) 1,4-Dioxane	6.62	88	14061	389.40	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	204990	97.07	ug/l	99
52) Toluene	7.64	92	63689	19.97	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	39216	19.11	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	43240	19.63	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	27015	19.77	ug/l	97
56) Ethyl methacrylate	8.02	69	38561	19.33	ug/l	99
57) 1,3-Dichloropropane	8.24	76	47144	20.24	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	97677	99.30	ug/l	99
59) 2-Hexanone	8.36	43	160185	96.38	ug/l	99
60) Dibromochloromethane	8.48	129	29009	19.60	ug/l	98
61) 1,2-Dibromoethane	8.59	107	29032	19.58	ug/l	99
64) Tetrachloroethene	8.23	164	22742	19.68	ug/l	97
65) Chlorobenzene	9.12	112	71093	19.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	26211	19.75	ug/l	98
67) Ethyl Benzene	9.25	91	116323	19.57	ug/l	99
68) m/p-Xylenes	9.38	106	90684	40.11	ug/l	98
69) o-Xylene	9.78	106	44319	20.12	ug/l	99
70) Styrene	9.79	104	71466	19.82	ug/l	99
71) Bromoform	9.96	173	22538	19.52	ug/l #	100
73) Isopropylbenzene	10.17	105	117611	20.96	ug/l	100
74) N-amyl acetate	10.01	43	52902	19.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	45110	19.73	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	50032	23.89	ug/l	81
77) Bromobenzene	10.46	156	31286	20.52	ug/l	98
78) n-propylbenzene	10.59	91	135284	20.73	ug/l	99
79) 2-Chlorotoluene	10.66	91	83845	20.73	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	98594	20.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	50032	53.40	ug/l #	100
82) 4-Chlorotoluene	10.77	91	94325	20.75	ug/l	99
83) tert-Butylbenzene	11.10	119	98586	20.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	100792	21.19	ug/l	99
85) sec-Butylbenzene	11.32	105	118230	20.80	ug/l	99
86) p-Isopropyltoluene	11.48	119	102574	20.70	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	54854	19.28	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	55909	18.92	ug/l	98
89) n-Butylbenzene	11.89	91	87077	20.05	ug/l	99
90) Hexachloroethane	12.15	117	19639	19.58	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	56802	19.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9717	21.19	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 04:37:08 2018
Response via : Initial Calibration

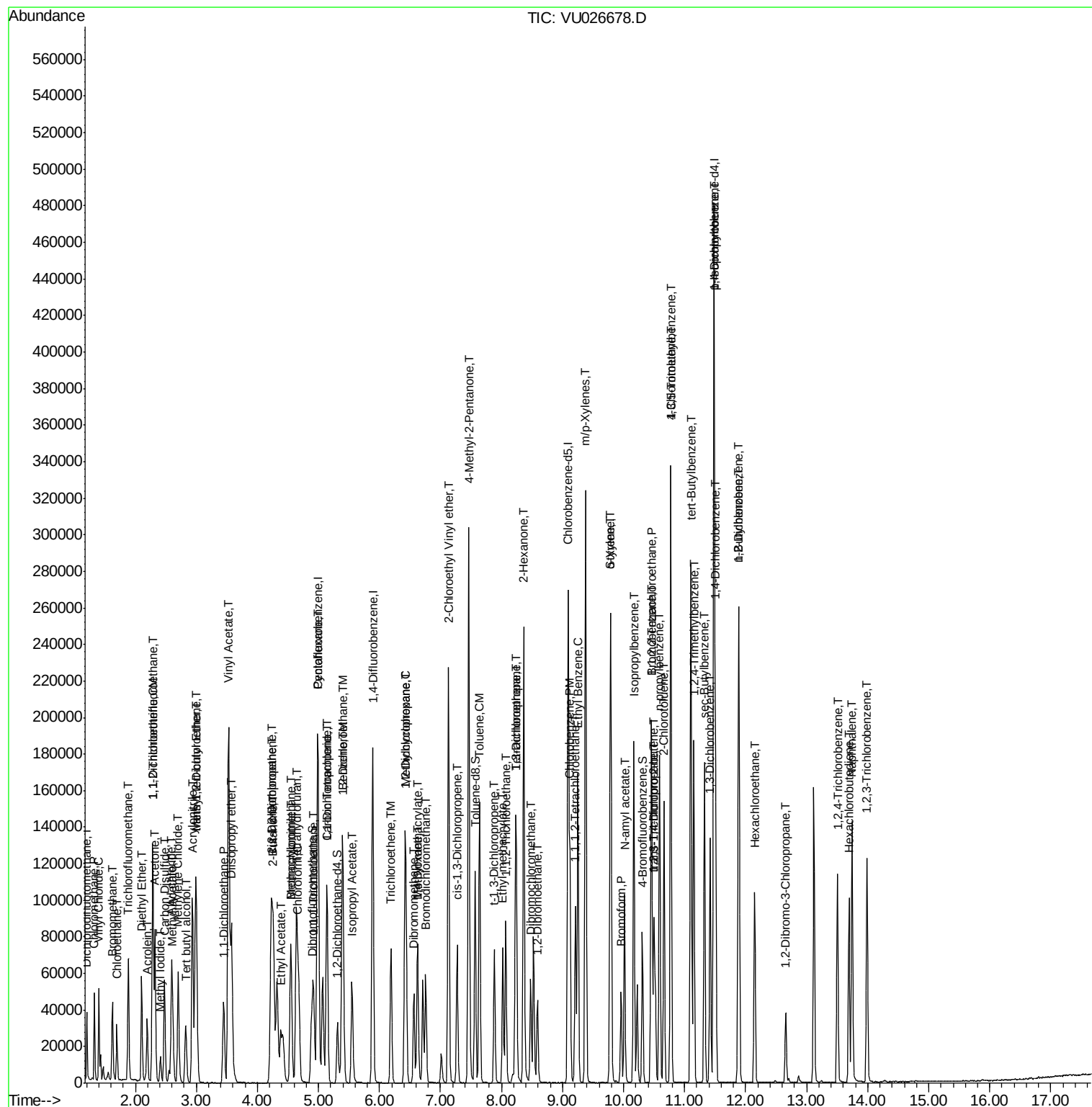
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	36315	19.11	ug/l	98
94) Hexachlorobutadiene	13.69	225	19304	19.75	ug/l	98
95) Naphthalene	13.74	128	115096	19.99	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	39949	20.13	ug/l	99

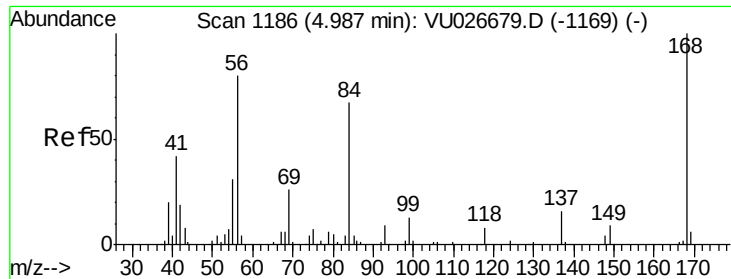
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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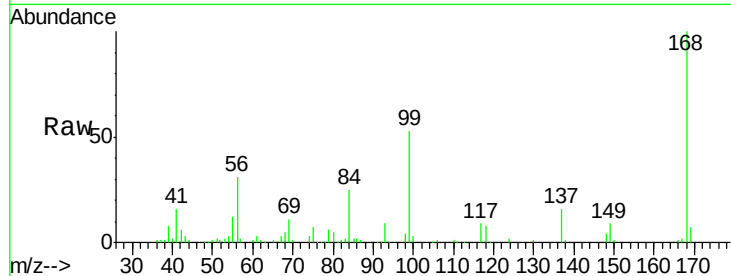




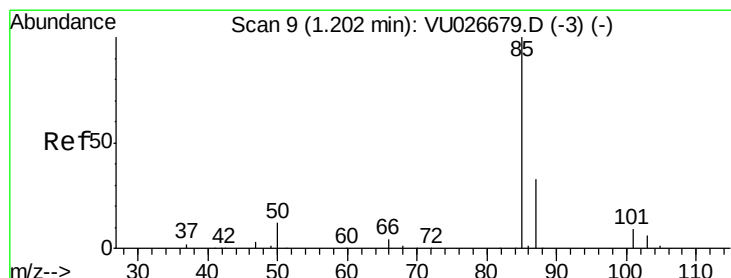
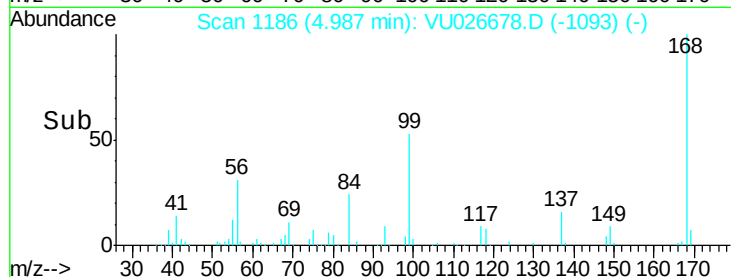
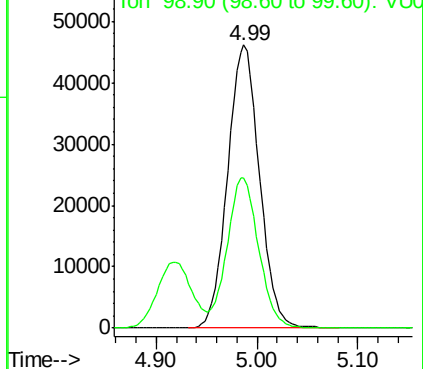
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 101424
Ion Ratio Lower Upper
168 100
99 53.1 42.0 63.0

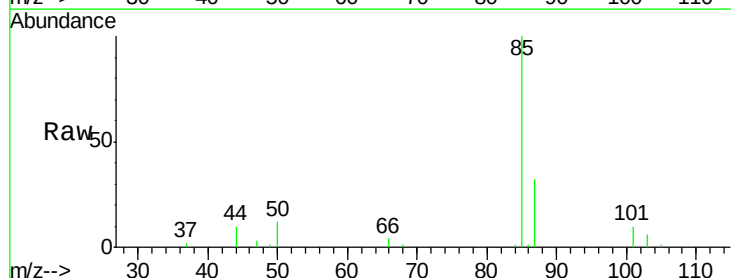


Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

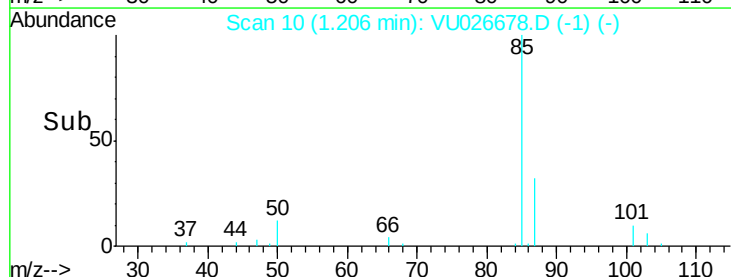
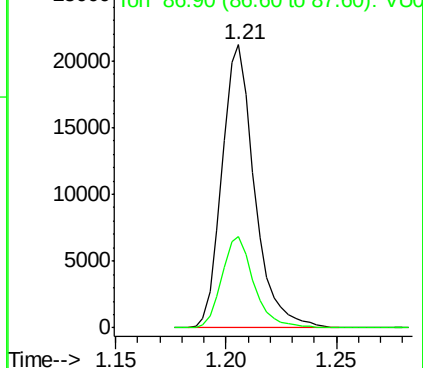


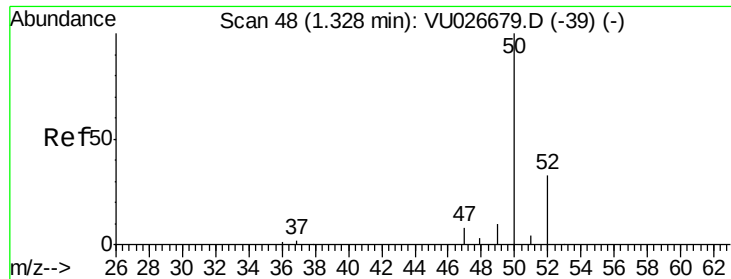
#2
Dichlorodifluoromethane
Concen: 19.77 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 85 Resp: 21669
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)
Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

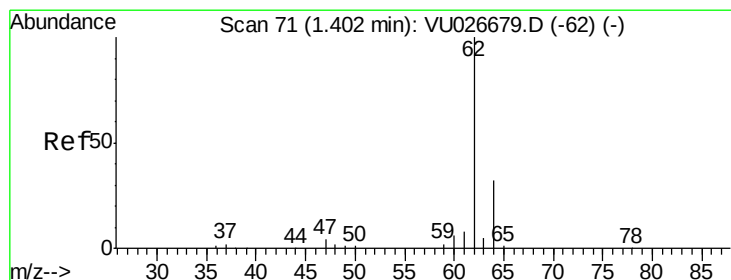
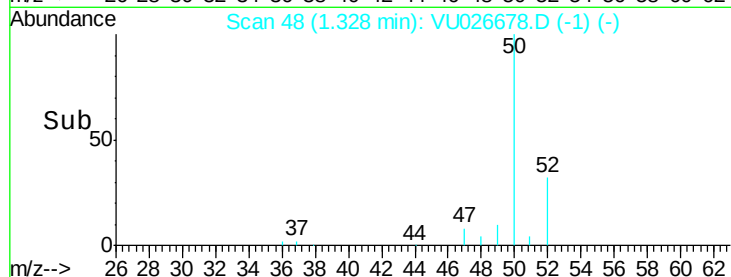
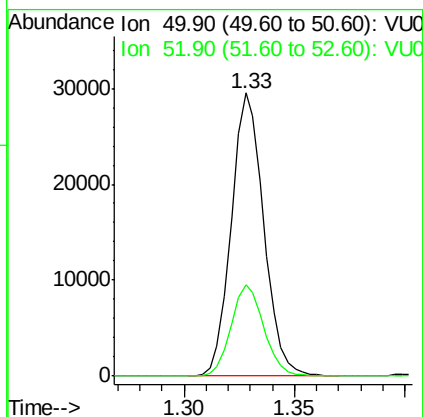
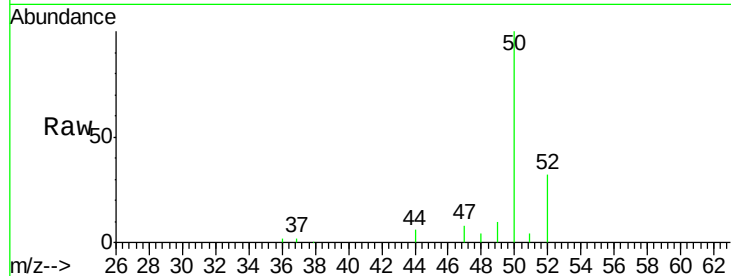




#3
Chloromethane
Concen: 19.70 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

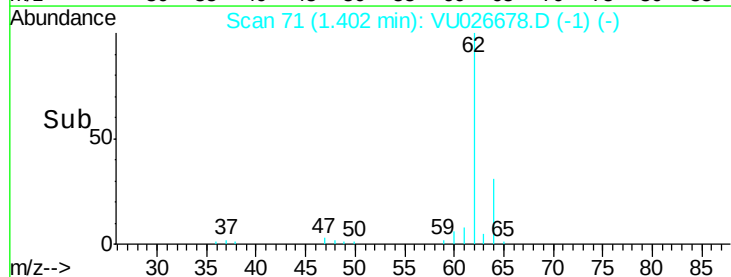
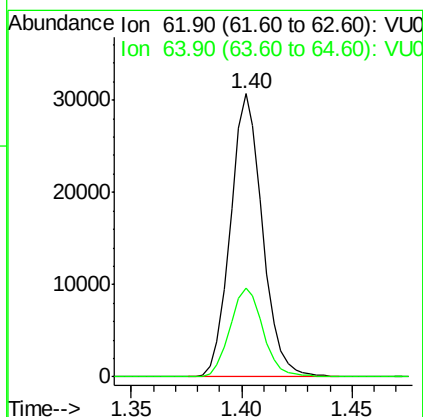
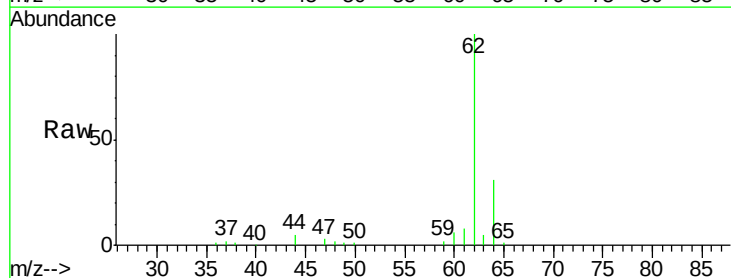
Instrument :
MSVOA_U
ClientSampleId :

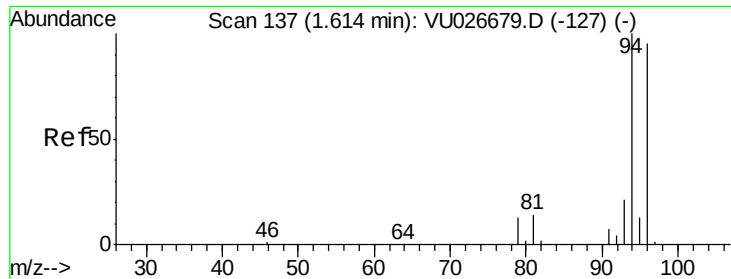
Tot Ion: 50 Resp: 30152
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 19.43 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 62 Resp: 30824
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4

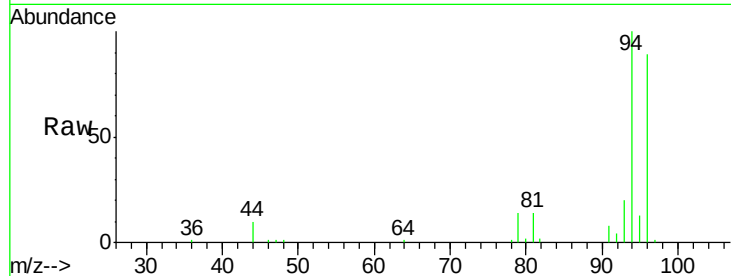




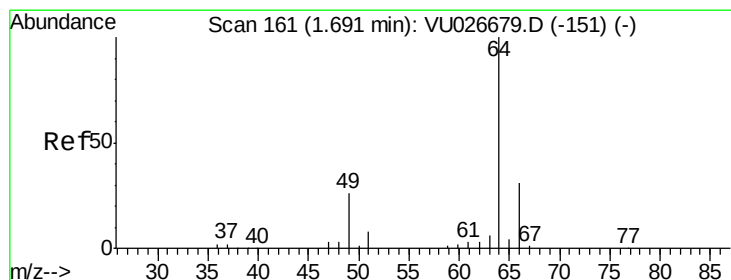
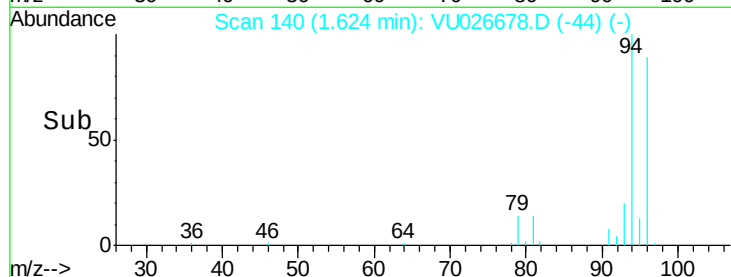
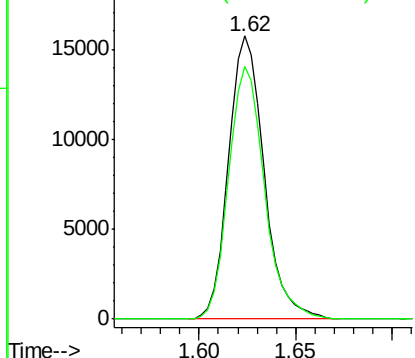
#5
Bromomethane
Concen: 20.19 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 20065
Ion Ratio Lower Upper
94 100
96 89.4 75.8 113.6

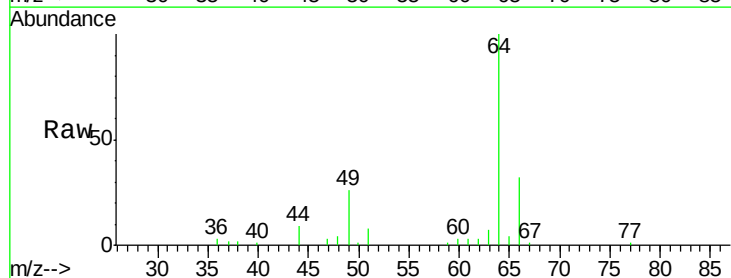


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

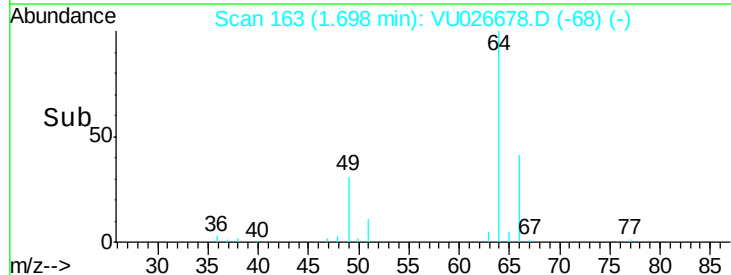
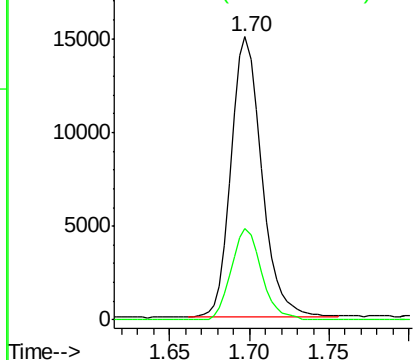


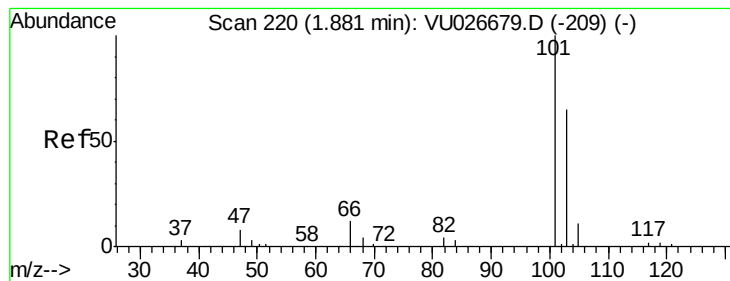
#6
Chloroethane
Concen: 19.21 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.01 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 64 Resp: 19393
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



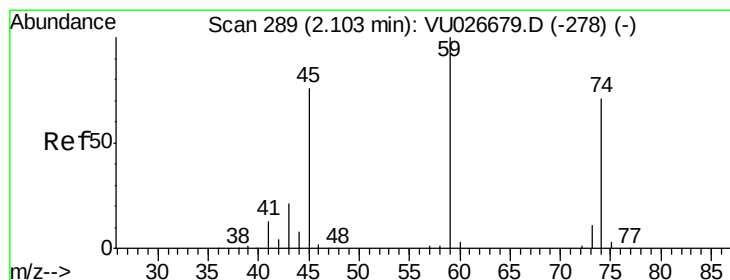
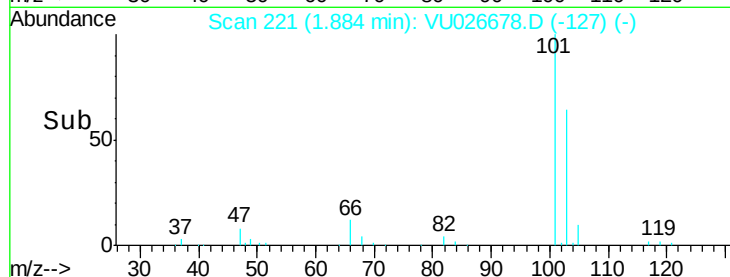
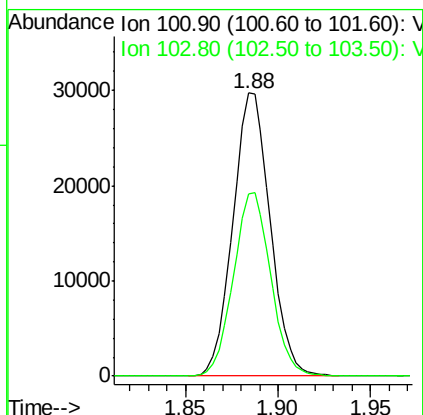
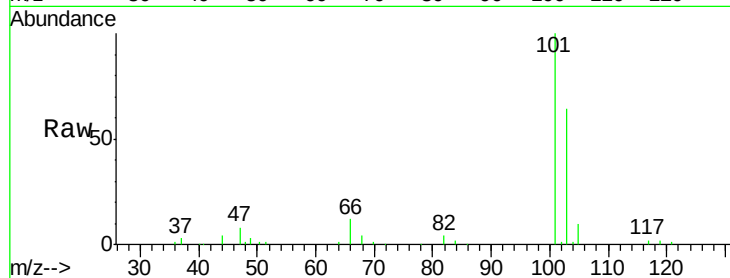


#7

Trichlorofluoromethane
 Concen: 20.02 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Instrument :
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 ClientSampleId :

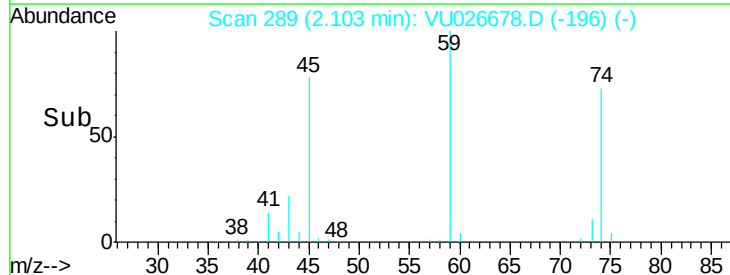
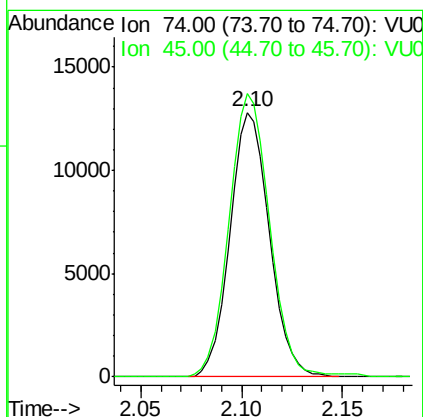
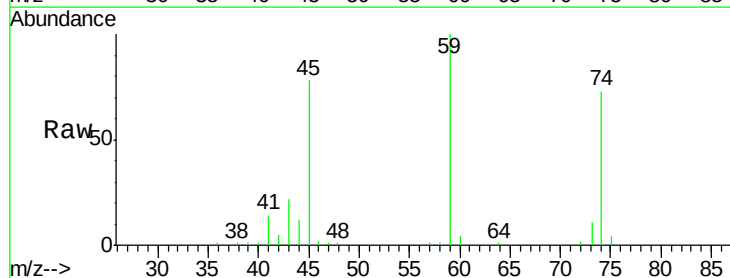
Tot Ion:101 Resp: 41529
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.7 77.5

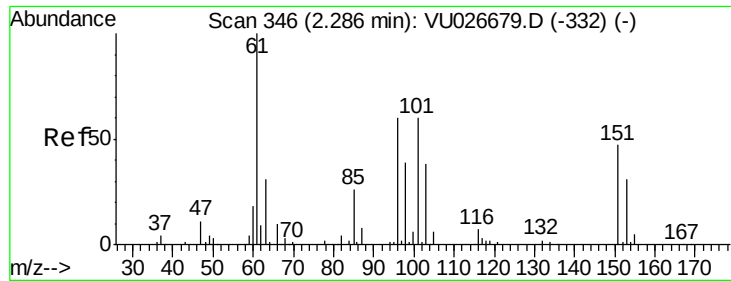


#8

Diethyl Ether
 Concen: 19.23 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion: 74 Resp: 17480
 Ion Ratio Lower Upper
 74 100
 45 111.0 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.38 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

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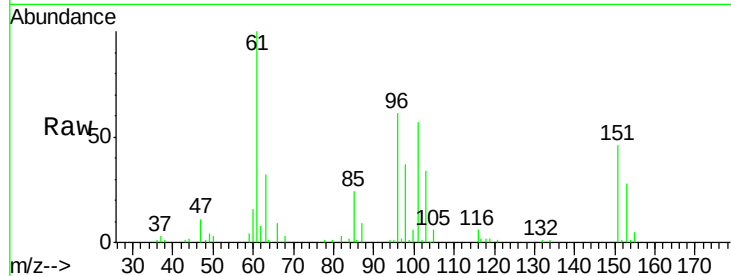
Tot Ion:101 Resp: 23869

Ion Ratio Lower Upper

101 100

85 43.8 34.6 52.0

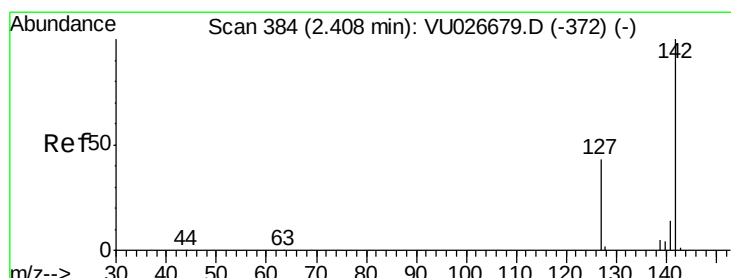
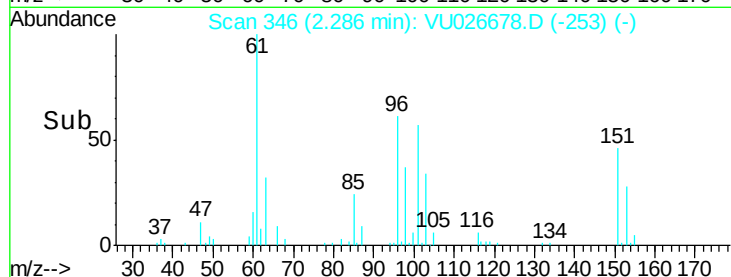
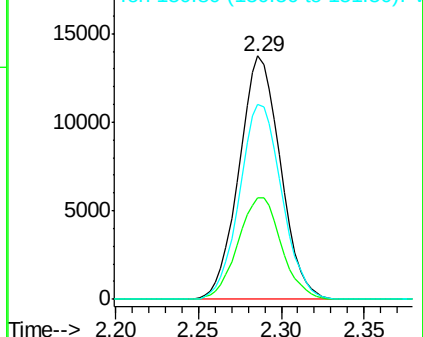
151 81.7 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.79 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

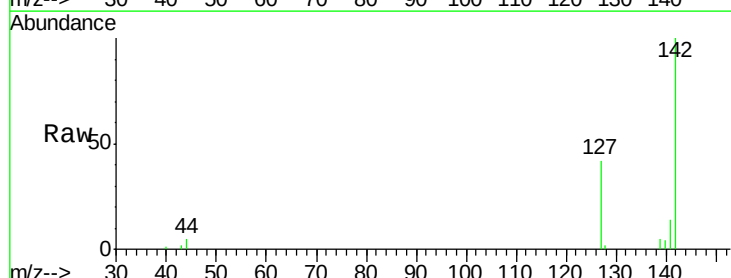
Tgt Ion:142 Resp: 13723

Ion Ratio Lower Upper

142 100

127 40.8 34.1 51.1

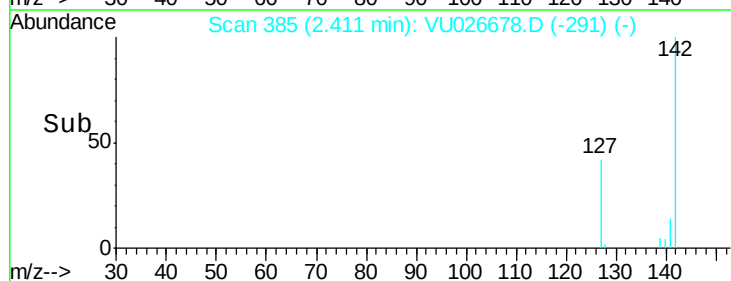
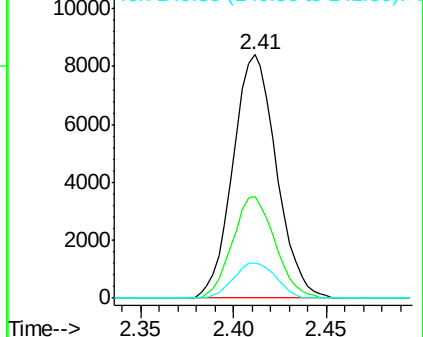
141 14.0 11.2 16.8

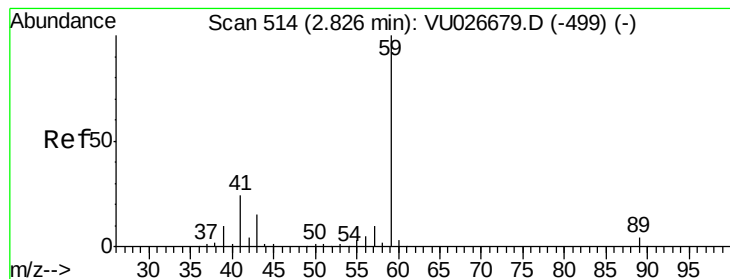


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.76 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

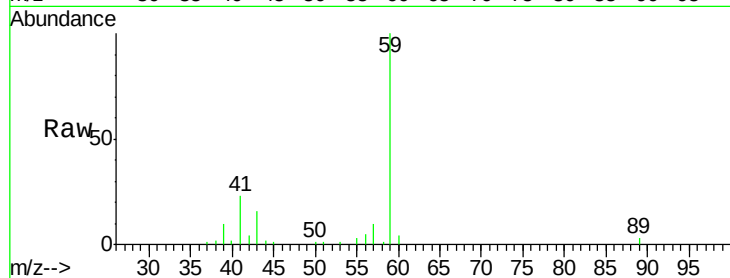
ClientSampled :

Tot Ion: 59 Resp: 33661

Ion Ratio Lower Upper

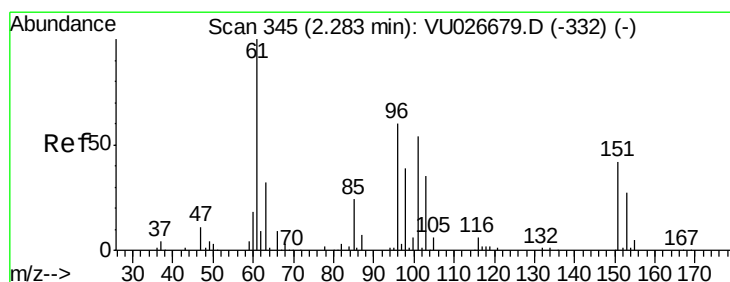
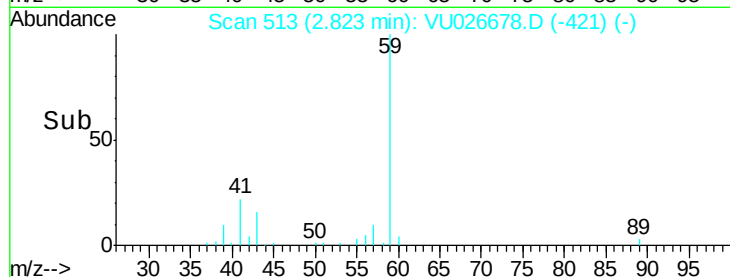
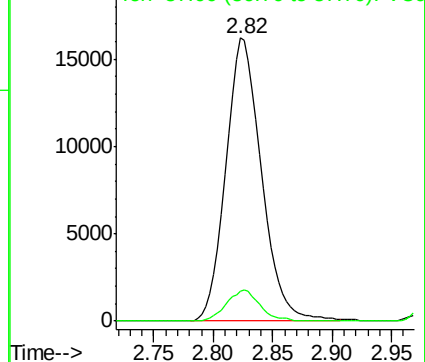
59 100

57 10.2 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 19.45 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

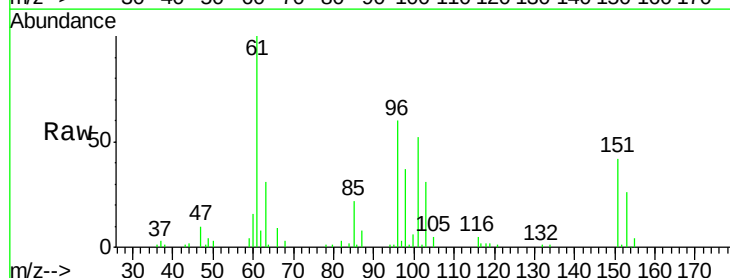
Tgt Ion: 96 Resp: 22653

Ion Ratio Lower Upper

96 100

61 166.5 133.0 199.6

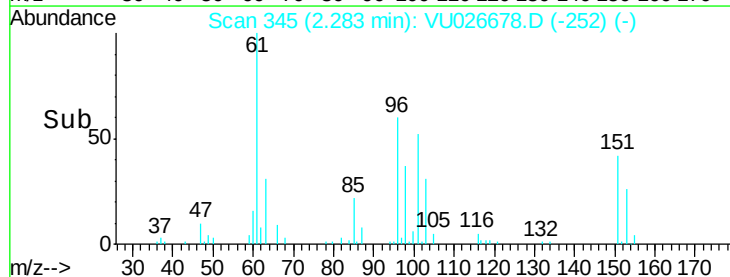
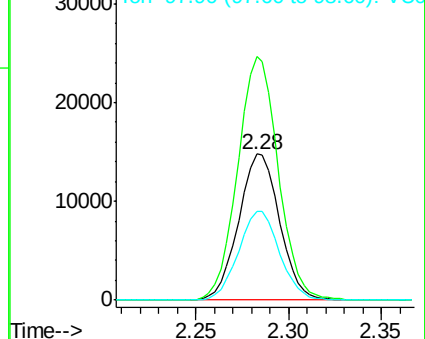
98 60.8 51.3 76.9

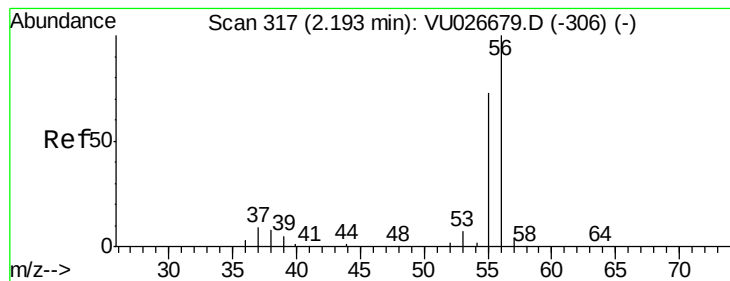


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 91.94 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

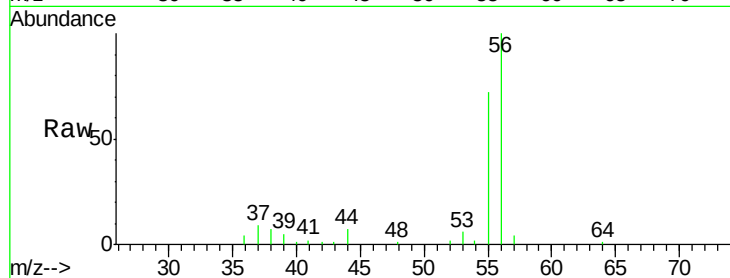
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 23236

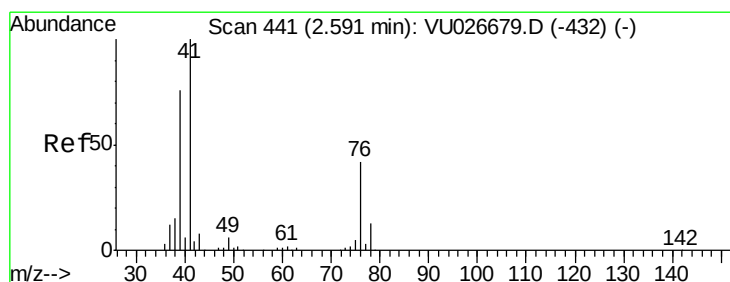
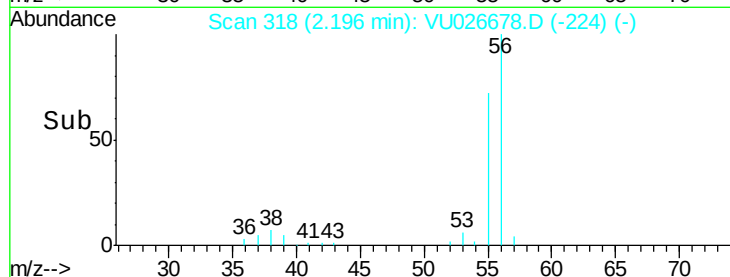
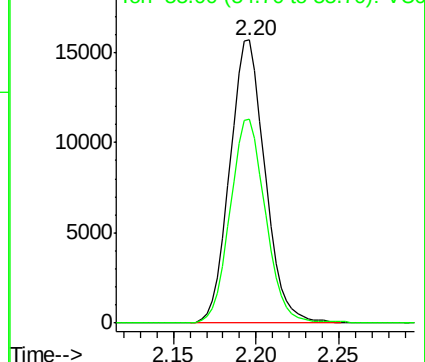
Ion Ratio Lower Upper

56 100

55 72.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 18.41 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

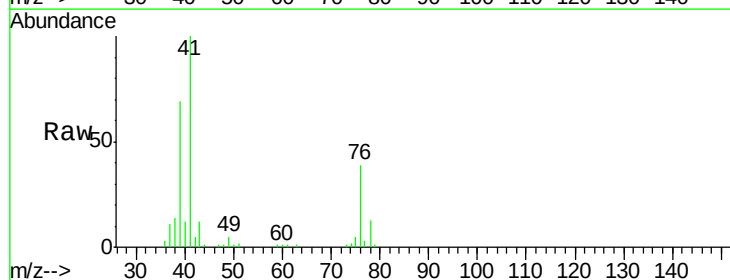
Tgt Ion: 41 Resp: 38602

Ion Ratio Lower Upper

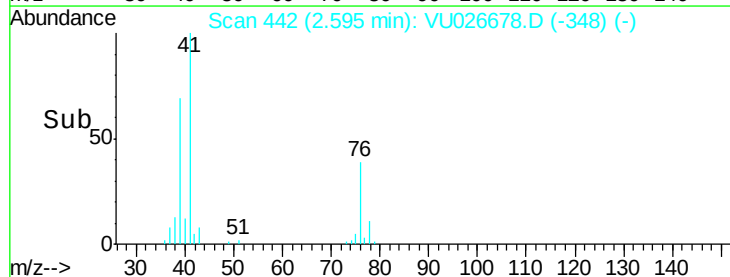
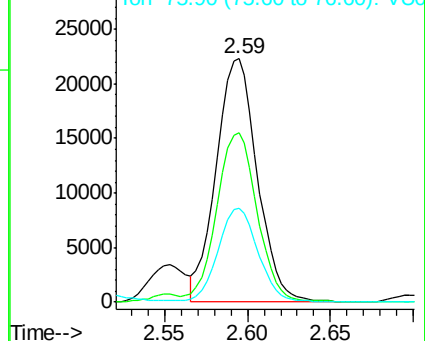
41 100

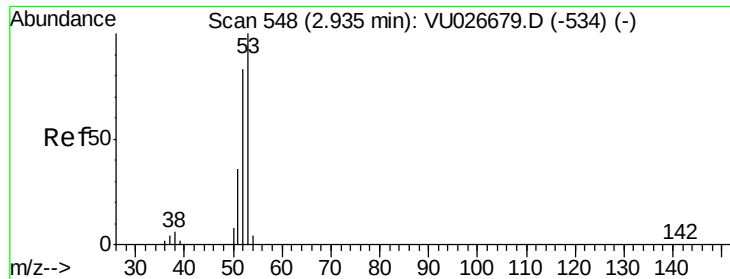
39 68.6 56.9 85.3

76 37.2 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 98.55 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

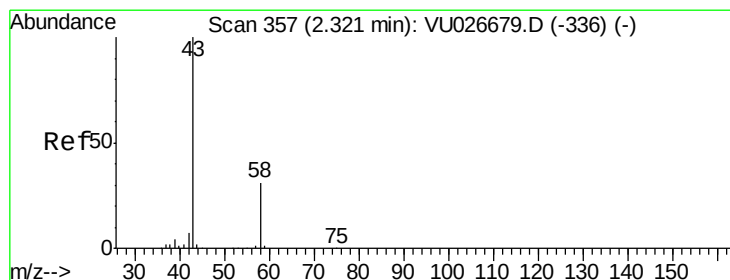
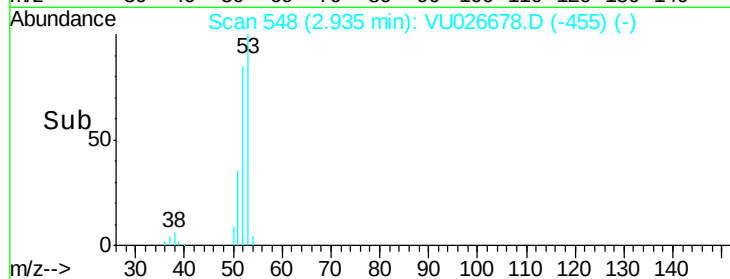
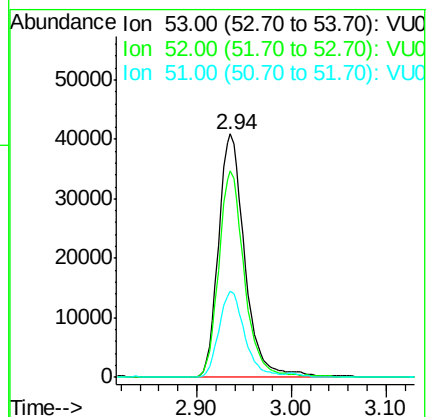
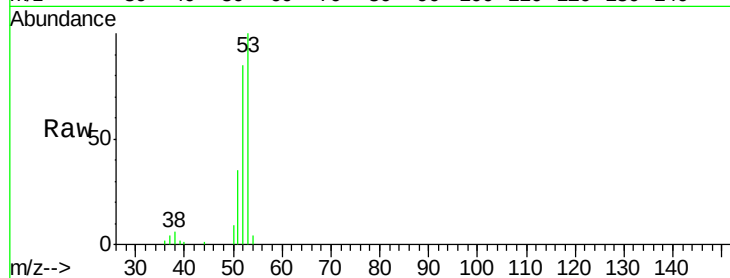
Tot Ion: 53 Resp: 79257

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

51 34.6 27.7 41.5



#16

Acetone

Concen: 95.06 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026678.D

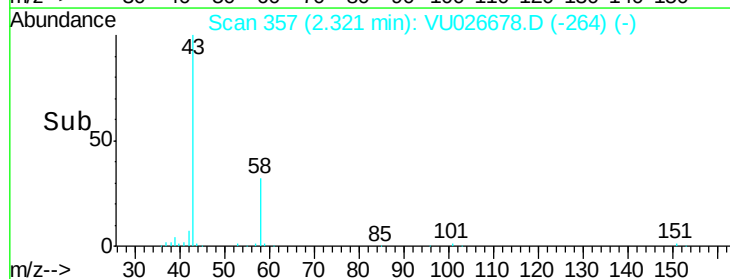
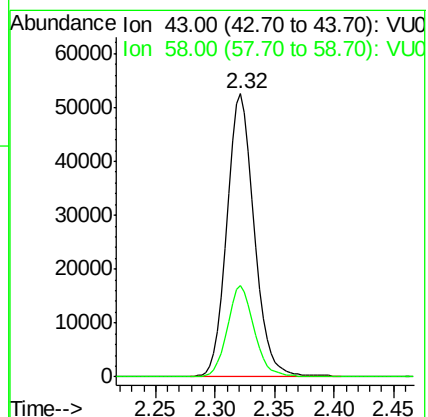
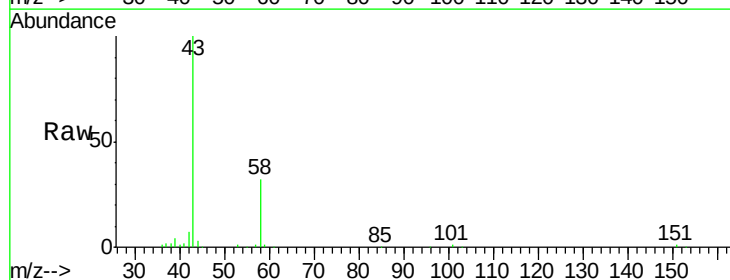
Acq: 11 Sep 2018 11:20

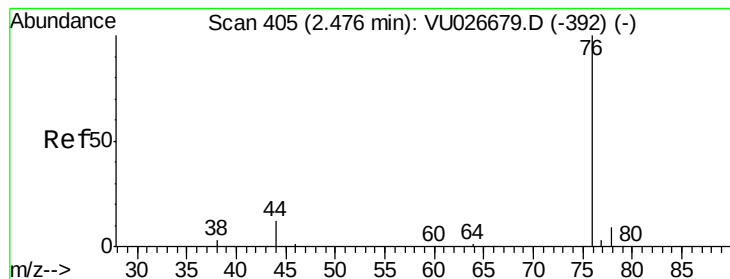
Tgt Ion: 43 Resp: 82802

Ion Ratio Lower Upper

43 100

58 32.2 25.1 37.7





#17

Carbon Disulfide

Concen: 18.71 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

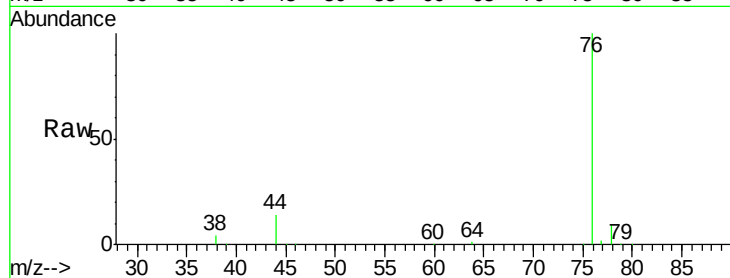
ClientSampleId :

Tot Ion: 76 Resp: 69306

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

40000

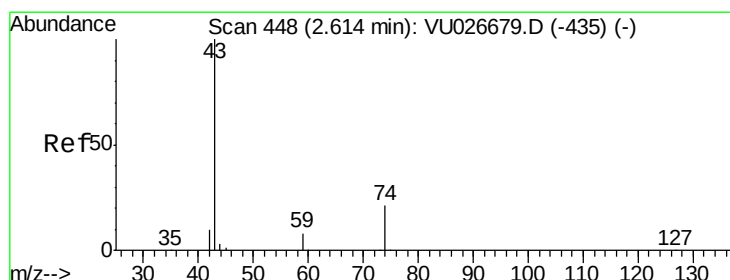
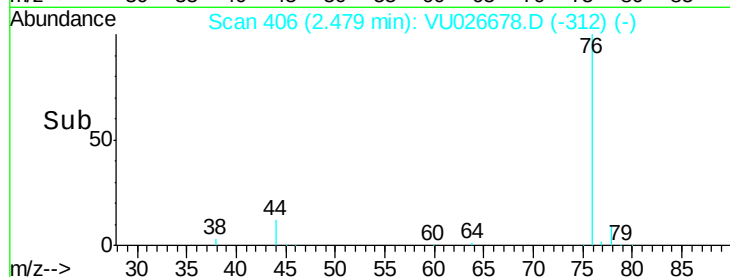
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.56 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU026678.D

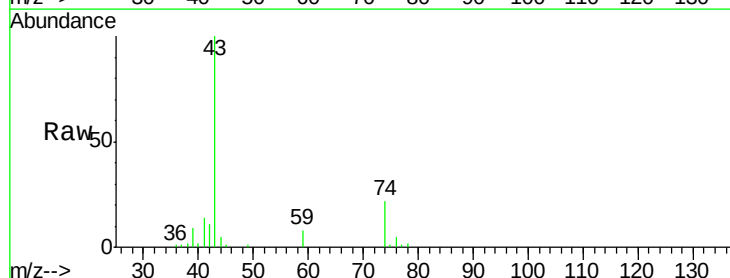
Acq: 11 Sep 2018 11:20

Tgt Ion: 43 Resp: 36759

Ion Ratio Lower Upper

43 100

74 22.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

25000

20000

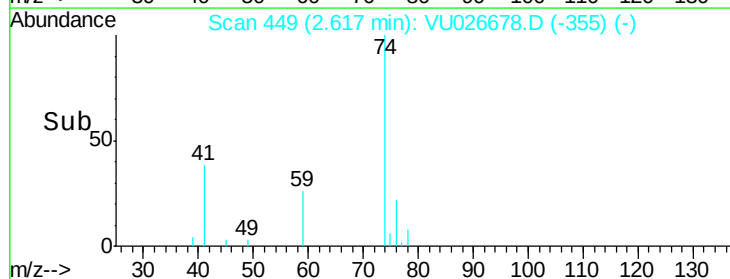
15000

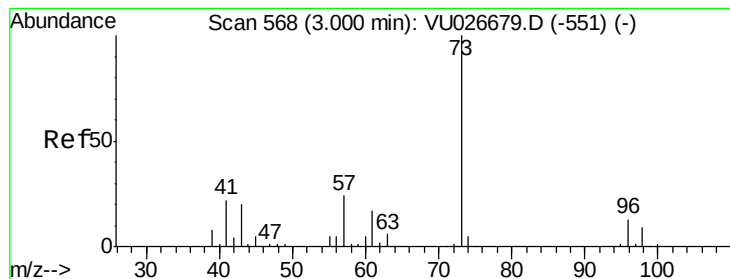
10000

5000

0

Time-->



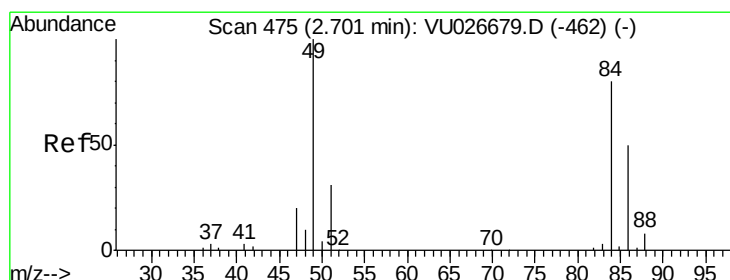
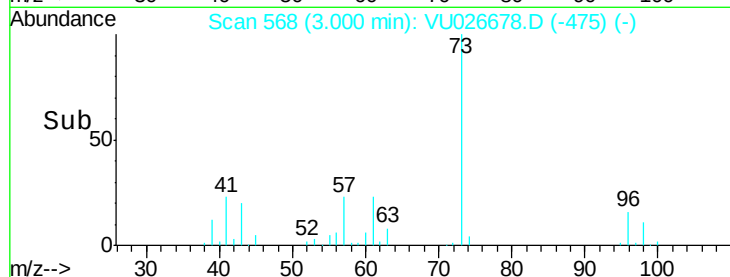
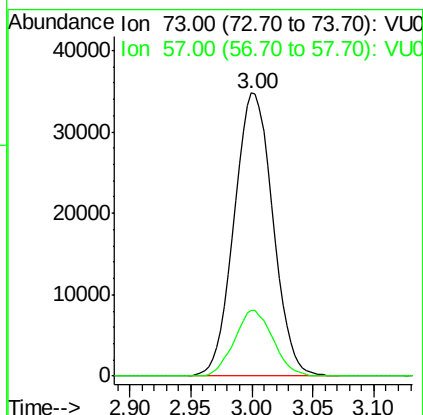
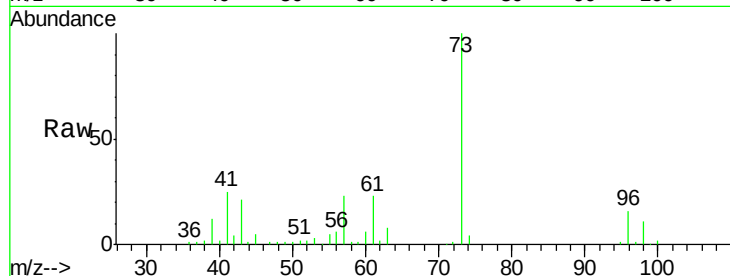


#19

Methyl tert-butyl Ether
 Concen: 19.09 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :

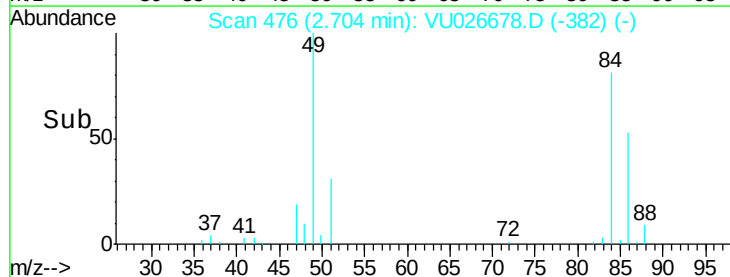
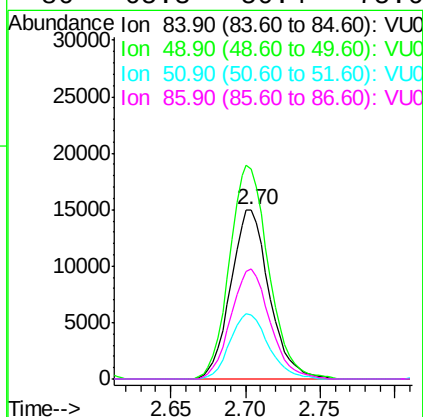
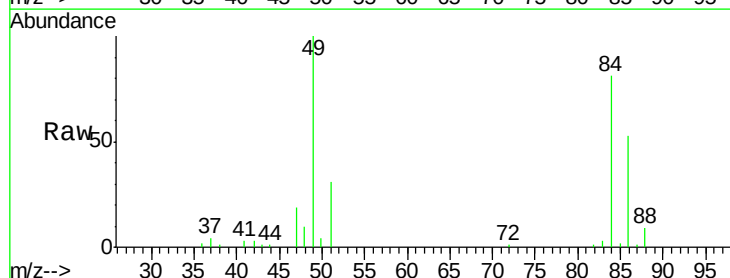
Tot Ion: 73 Resp: 76520
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.9 28.3

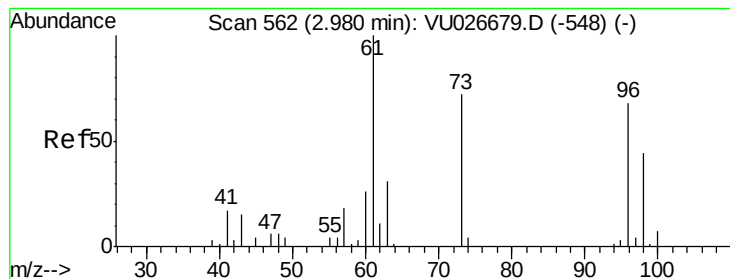


#20

Methylene Chloride
 Concen: 19.07 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion: 84 Resp: 26941
 Ion Ratio Lower Upper
 84 100
 49 123.9 100.6 151.0
 51 37.8 30.9 46.3
 86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

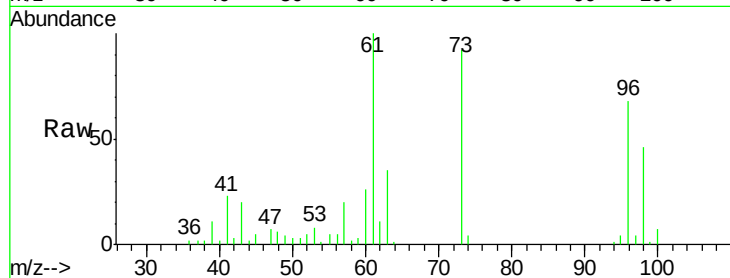
Tot Ion: 96 Resp: 23603

Ion Ratio Lower Upper

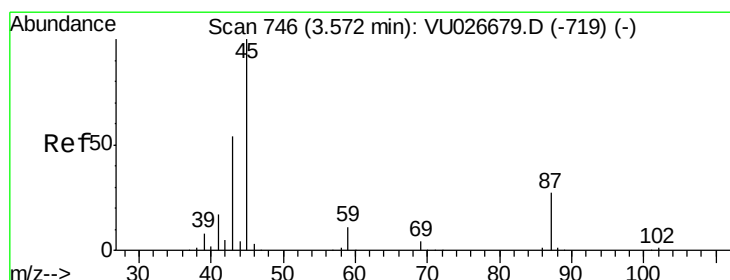
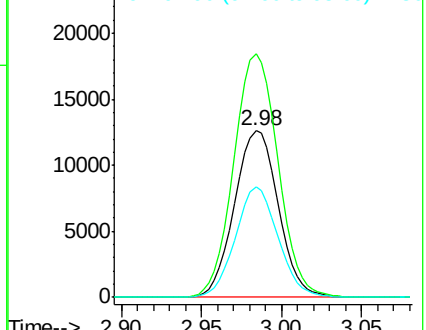
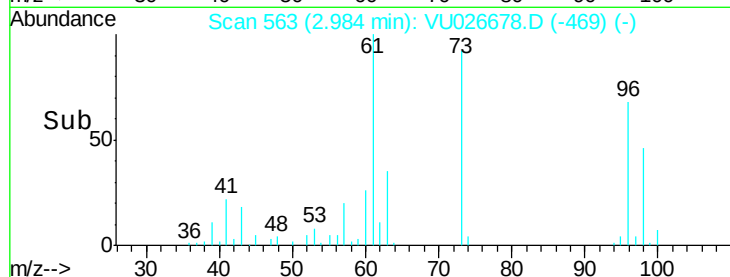
96 100

61 146.1 117.7 176.5

98 66.6 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VU026678.D (-469) (-)



#22

Diisopropyl ether

Concen: 20.10 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Tgt Ion: 45 Resp: 87957

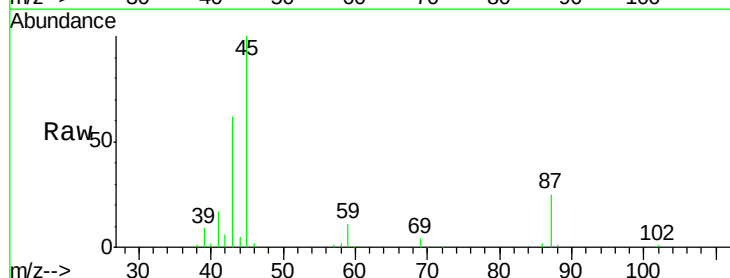
Ion Ratio Lower Upper

45 100

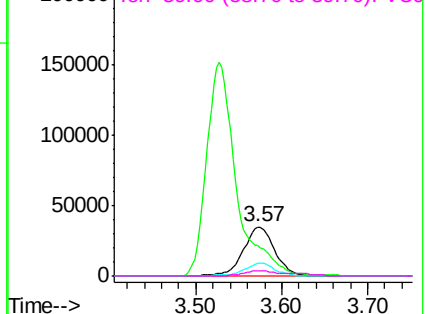
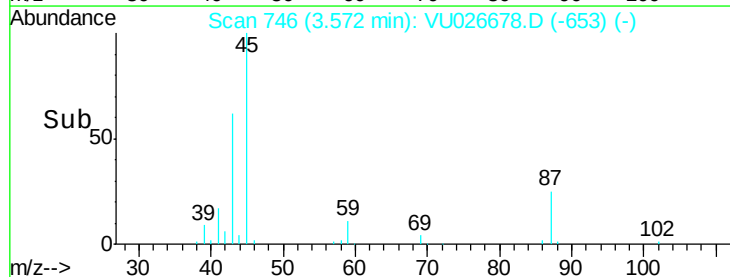
43 60.4 44.6 67.0

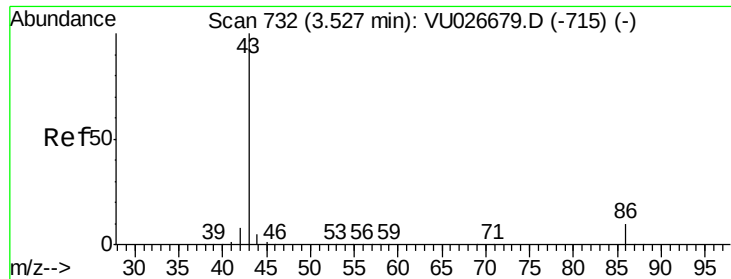
87 25.2 21.4 32.0

59 10.7 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU026678.D (-653) (-)





#23

Vinyl Acetate

Concen: 99.13 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

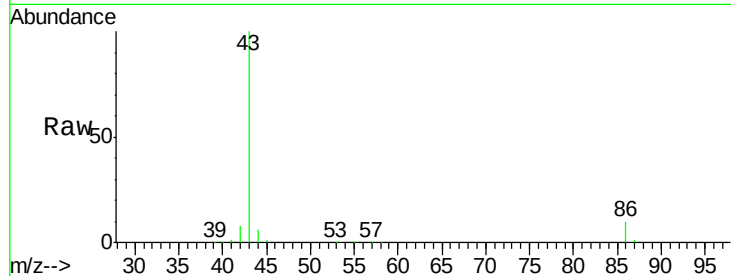
ClientSampleId :

Tot Ion: 43 Resp: 368577

Ion Ratio Lower Upper

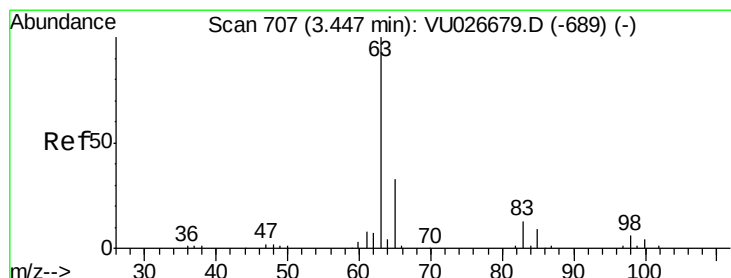
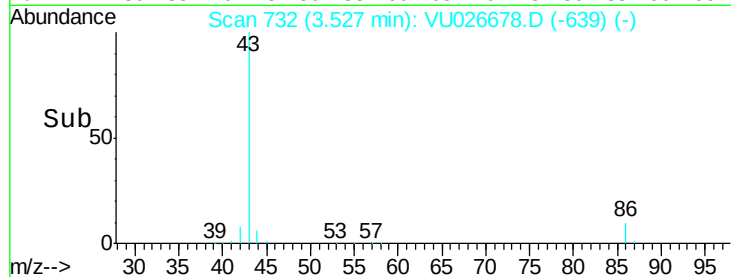
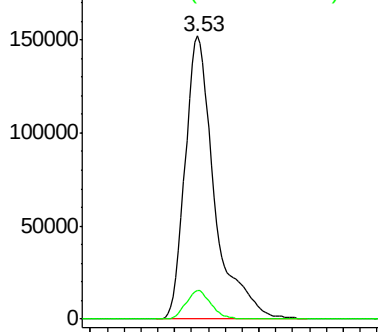
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 19.56 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

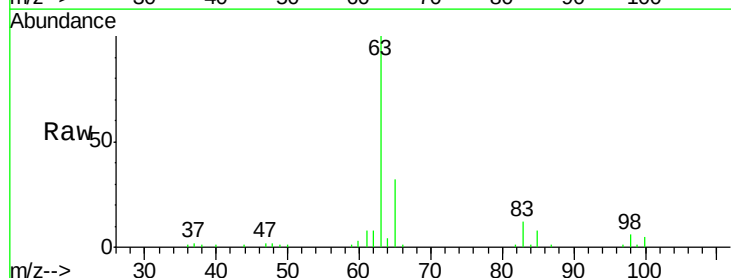
Tgt Ion: 63 Resp: 48301

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

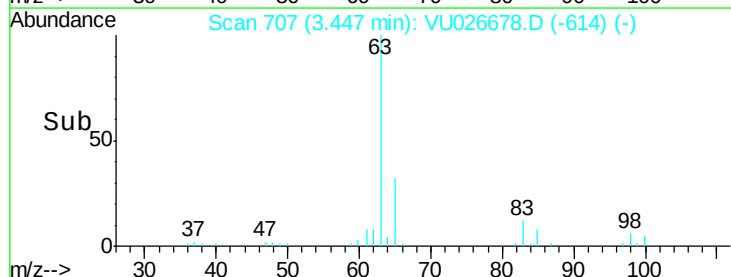
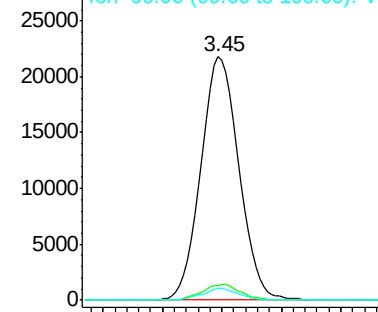
100 4.7 2.0 6.0

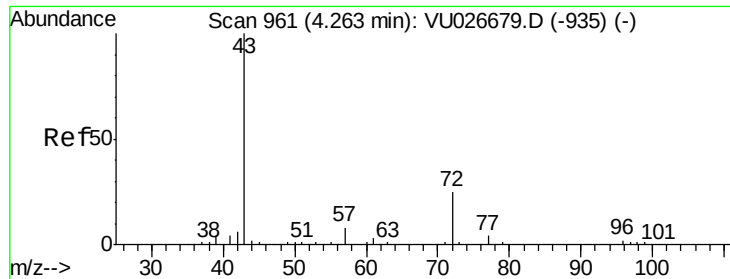


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 96.94 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

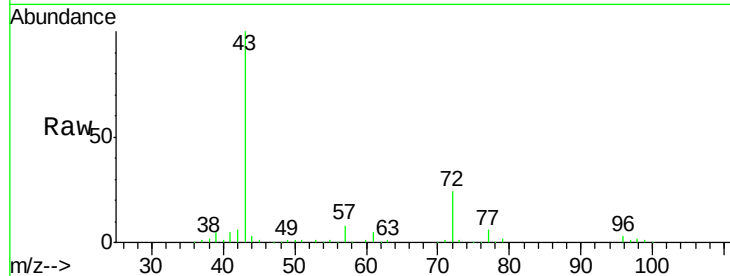
ClientSampleId :

Tot Ion: 43 Resp: 113750

Ion Ratio Lower Upper

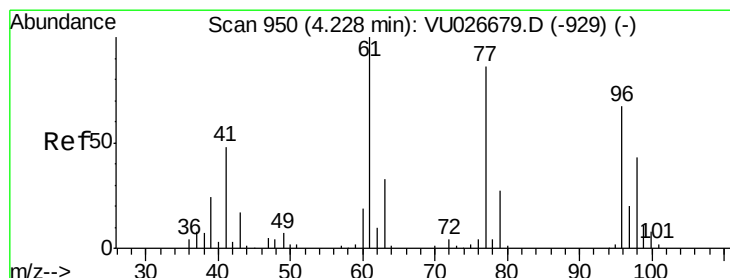
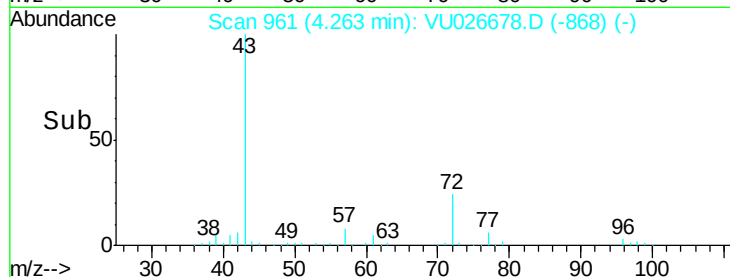
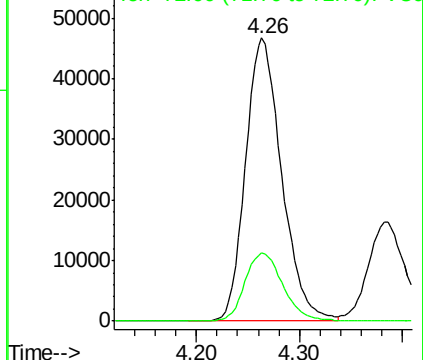
43 100

72 24.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 19.88 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026678.D

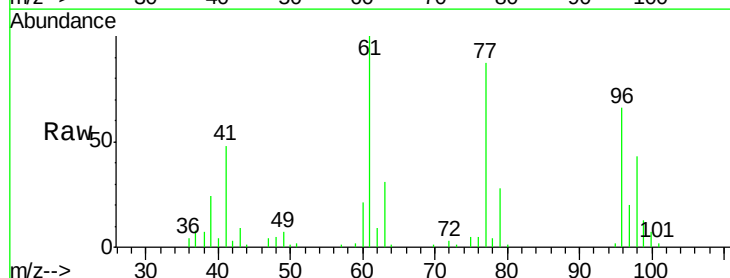
Acq: 11 Sep 2018 11:20

Tgt Ion: 77 Resp: 40347

Ion Ratio Lower Upper

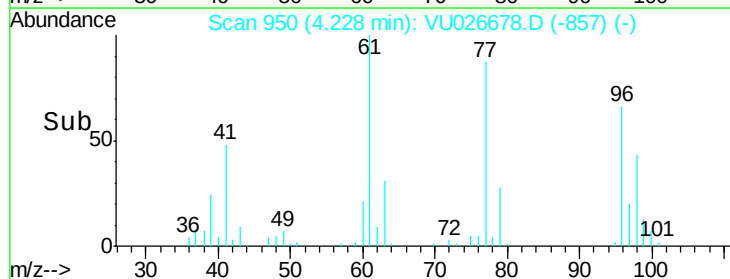
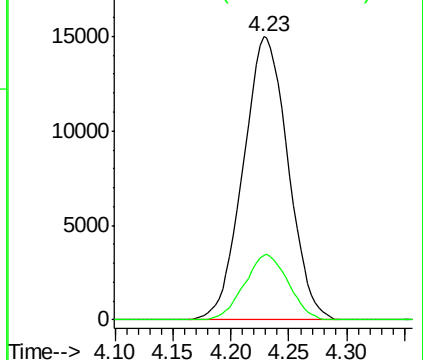
77 100

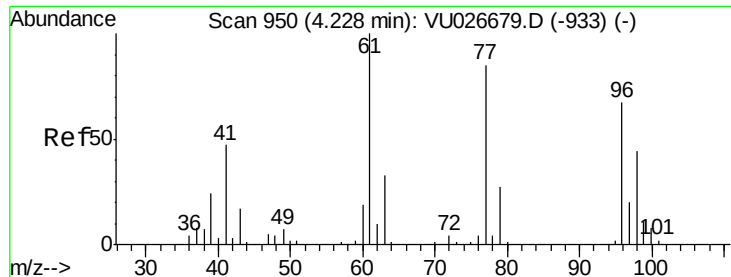
97 22.5 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampled :

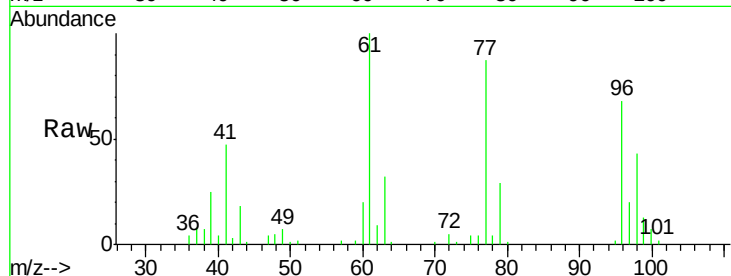
Tot Ion: 96 Resp: 27698

Ion Ratio Lower Upper

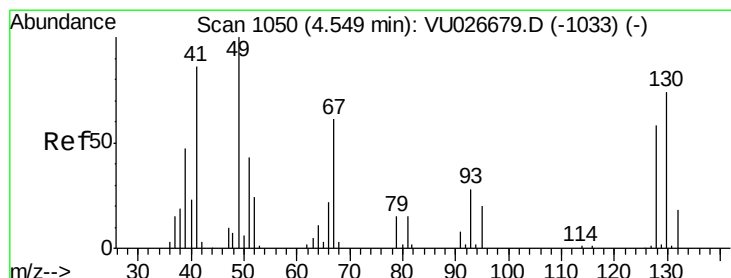
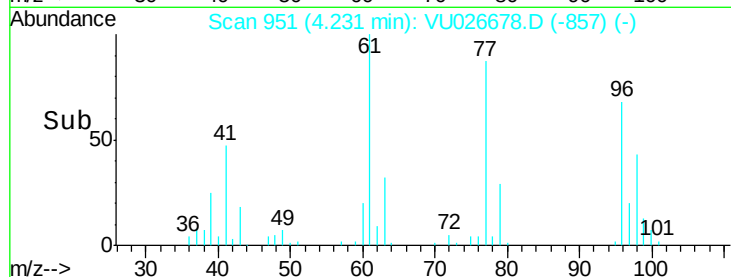
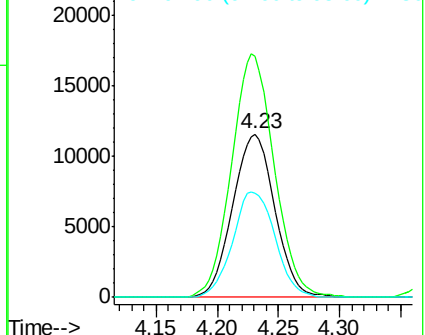
96 100

61 151.1 0.0 301.8

98 65.1 0.0 127.2



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: 19.68 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

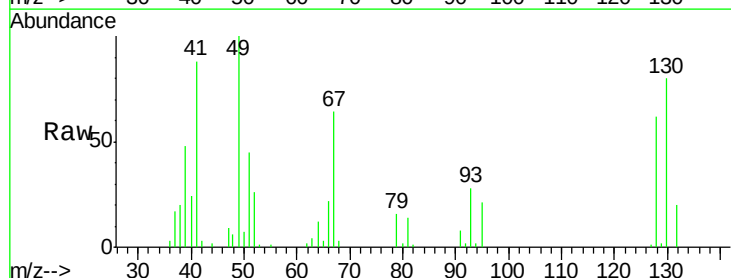
Tgt Ion: 49 Resp: 23236

Ion Ratio Lower Upper

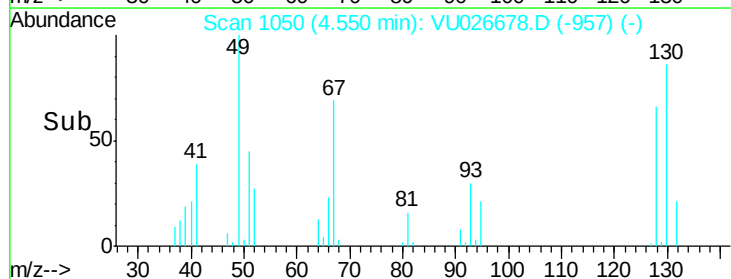
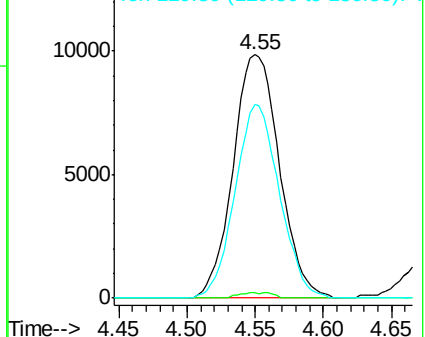
49 100

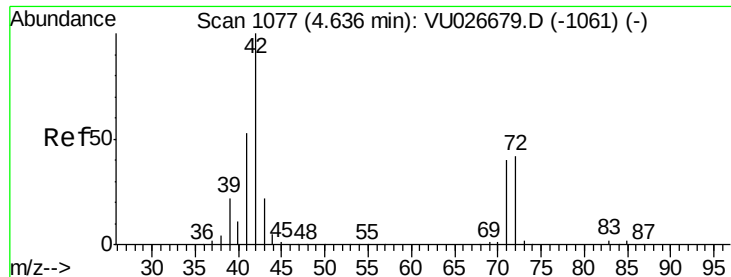
129 1.6 0.0 3.8

130 76.0 59.8 89.6



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

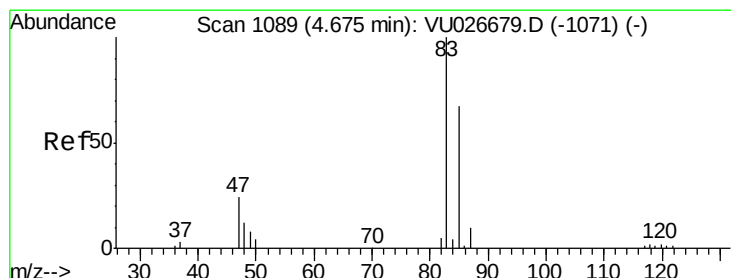
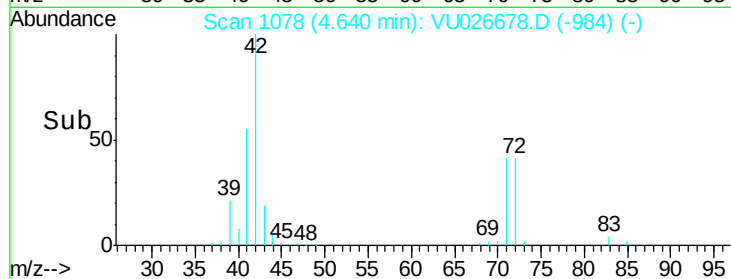
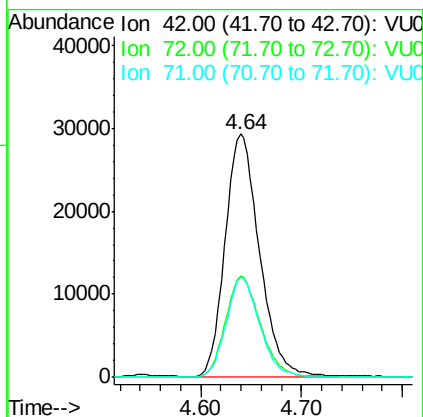
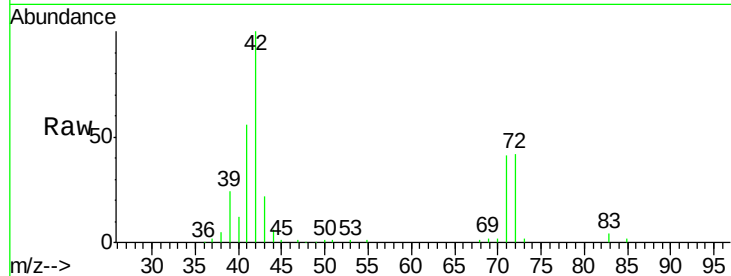




#29
Tetrahydrofuran
Concen: 98.75 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

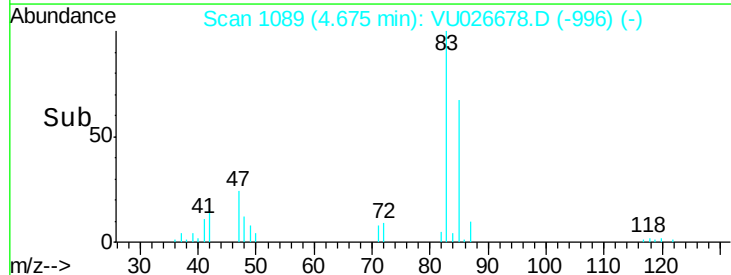
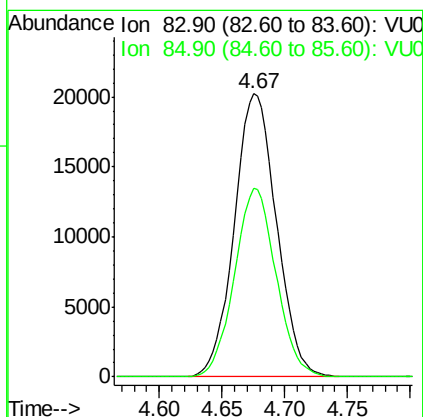
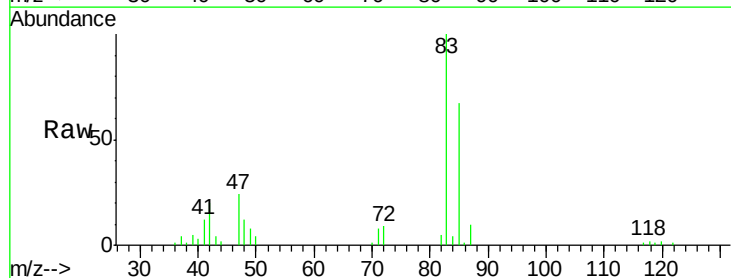
Instrument :
MSVOA_U
ClientSampleId :

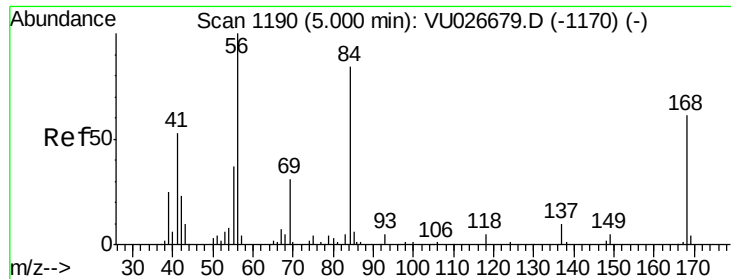
Tot Ion: 42 Resp: 69861
Ion Ratio Lower Upper
42 100
72 42.1 34.4 51.6
71 39.8 32.4 48.6



#30
Chloroform
Concen: 19.47 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 83 Resp: 47273
Ion Ratio Lower Upper
83 100
85 66.8 53.3 79.9

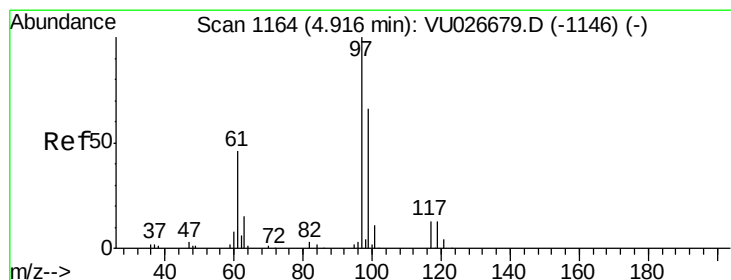
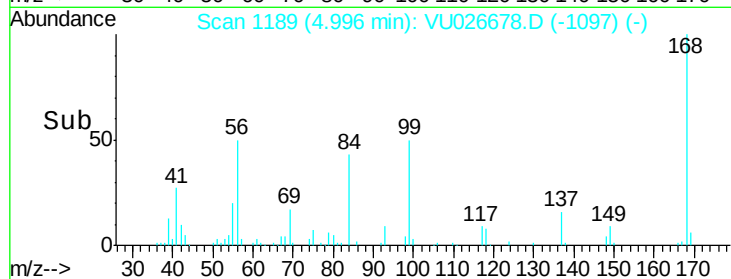
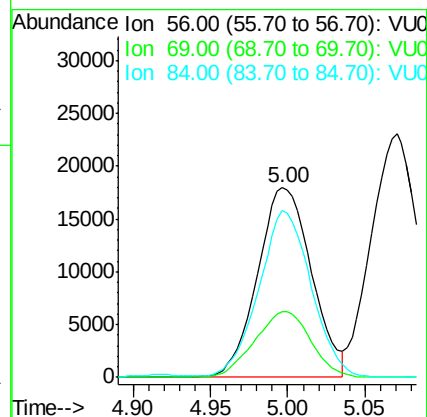
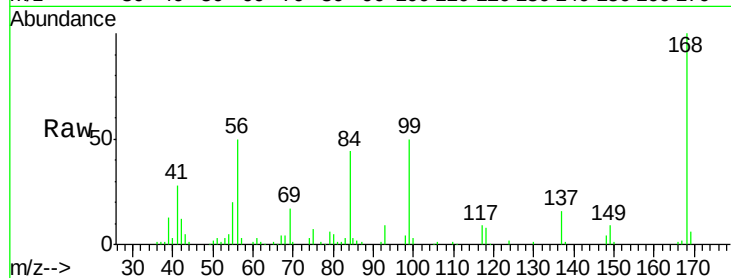




#31
Cyclohexane
Concen: 17.07 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

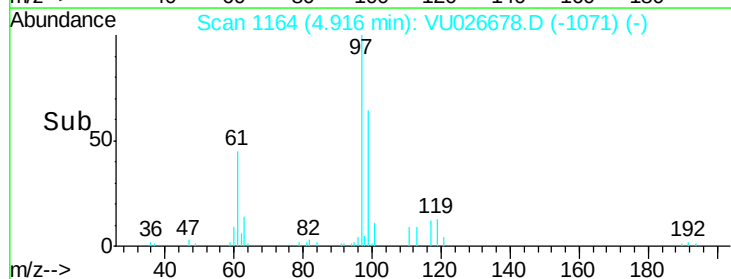
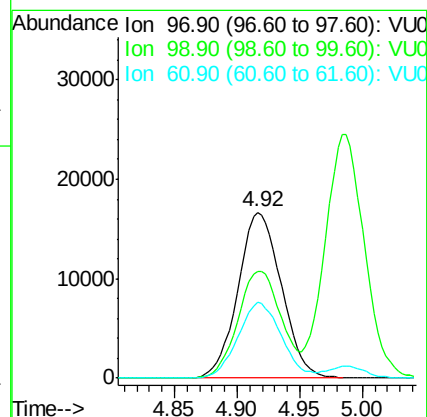
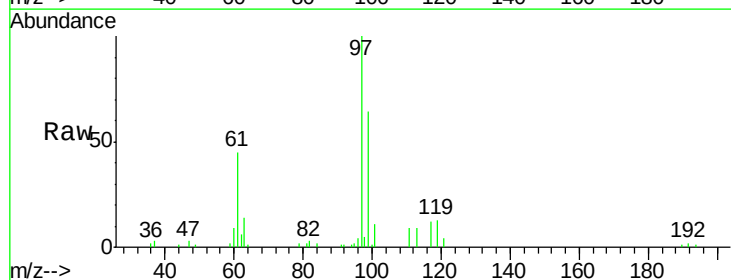
Instrument :
MSVOA_U
ClientSampleId :

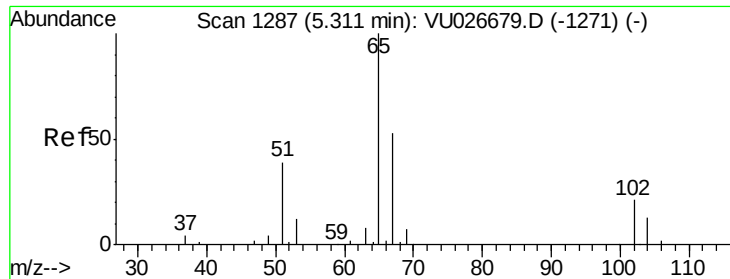
Tot Ion: 56 Resp: 43611
Ion Ratio Lower Upper
56 100
69 34.4 24.9 37.3
84 87.0 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 19.89 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 97 Resp: 39988
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.2
61 45.6 36.8 55.2

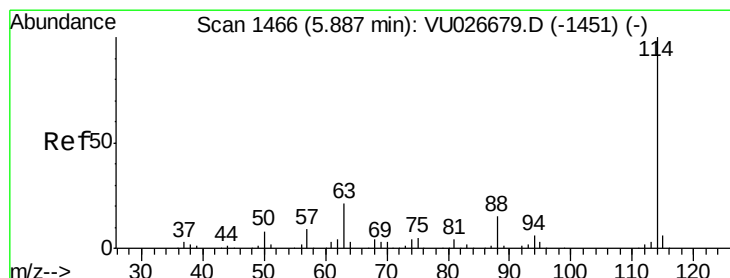
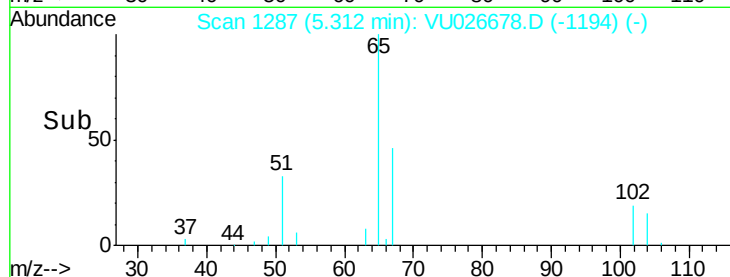
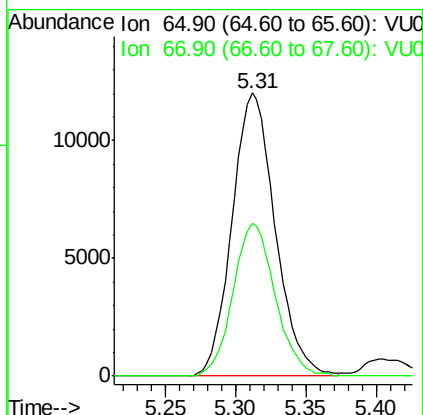
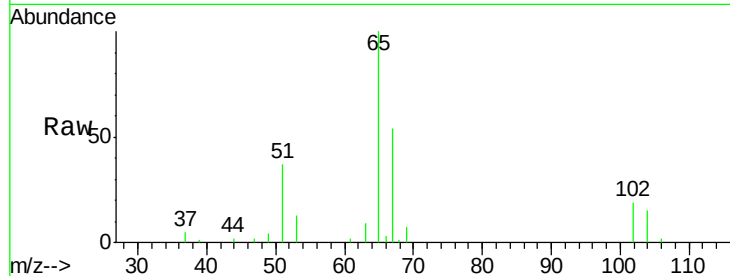




#33
 1,2-Dichloroethane-d4
 Concen: 16.71 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

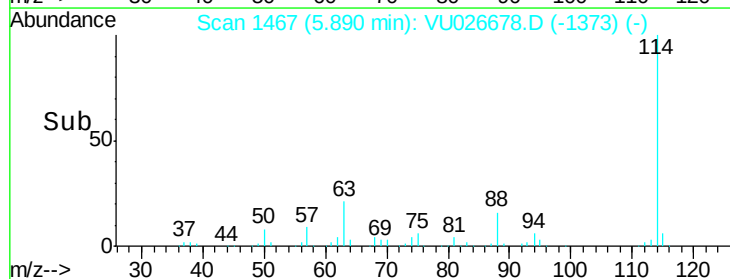
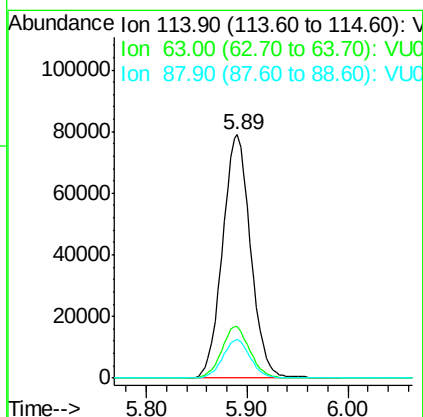
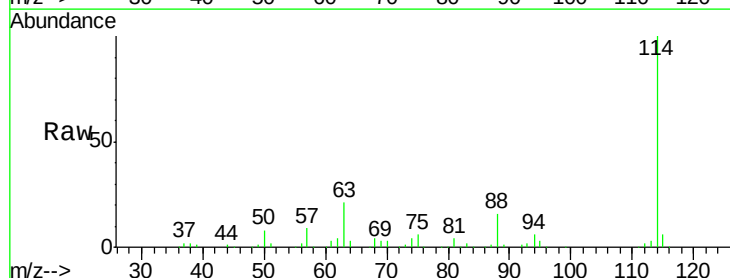
Instrument :
 MSVOA_U
 ClientSampled :

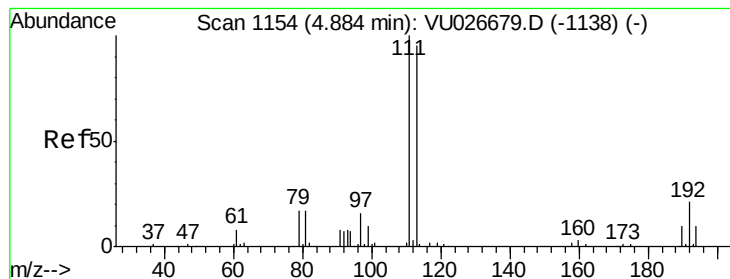
Tot Ion: 65 Resp: 25715
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion: 114 Resp: 153571
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 17.12 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

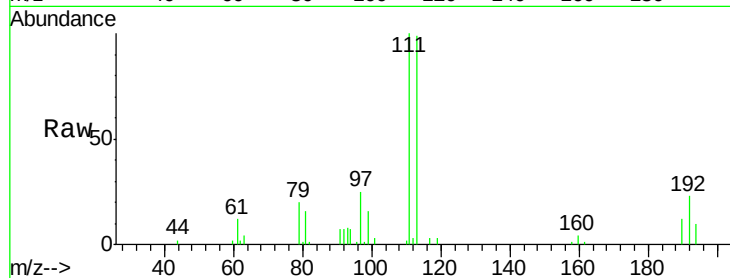
Tot Ion:113 Resp: 21448

Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

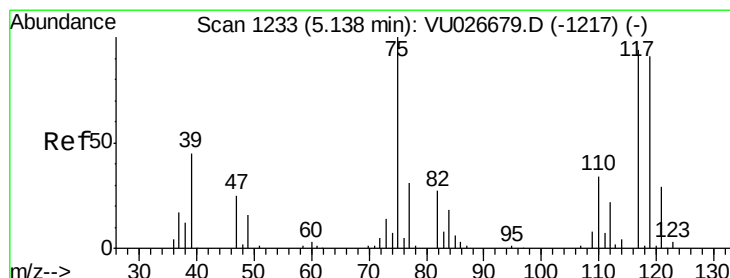
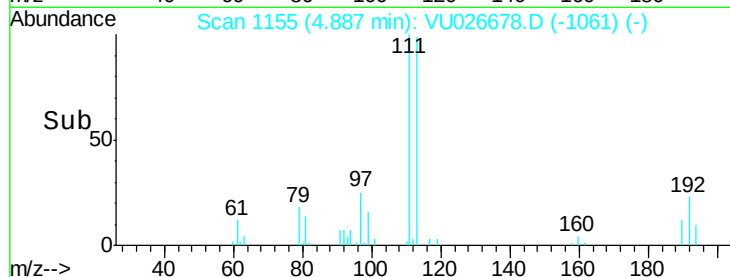
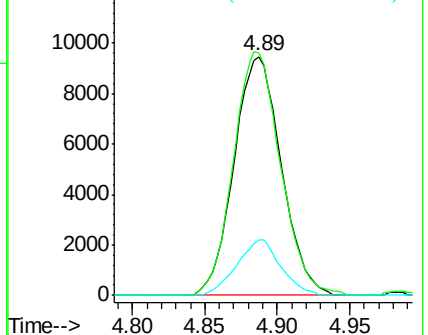
192 21.6 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.57 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

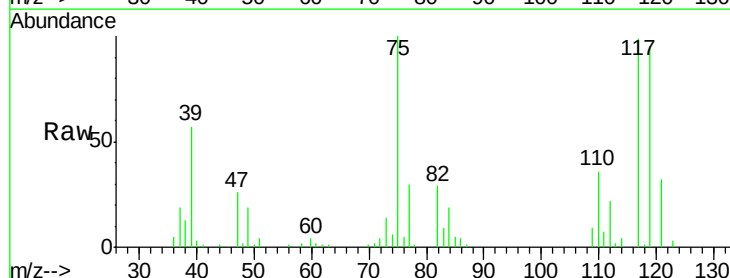
Tgt Ion: 75 Resp: 33735

Ion Ratio Lower Upper

75 100

110 36.0 17.3 51.9

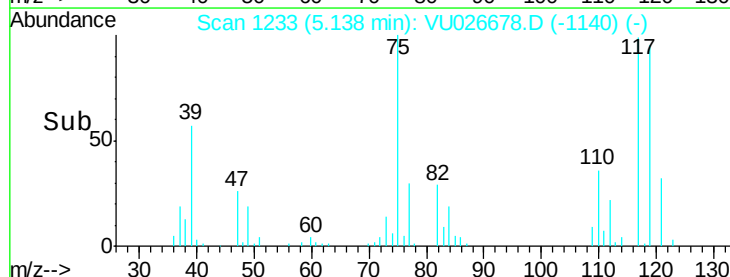
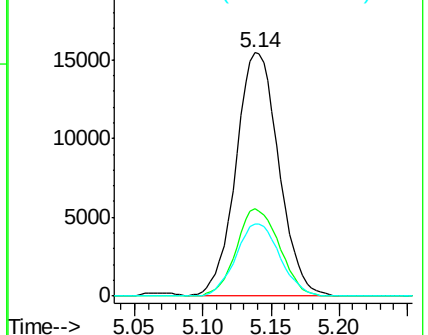
77 30.5 24.9 37.3

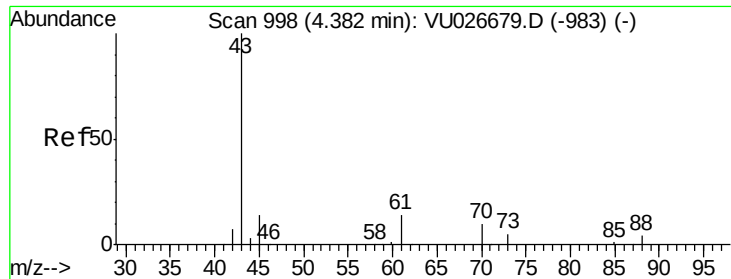


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

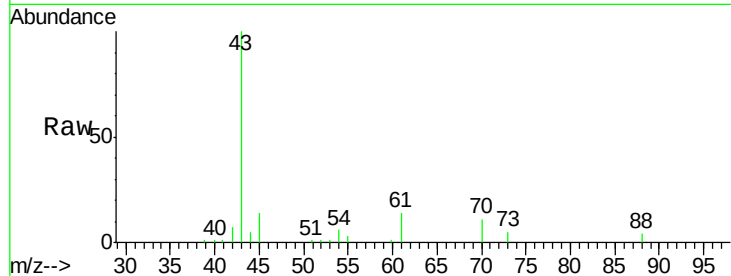




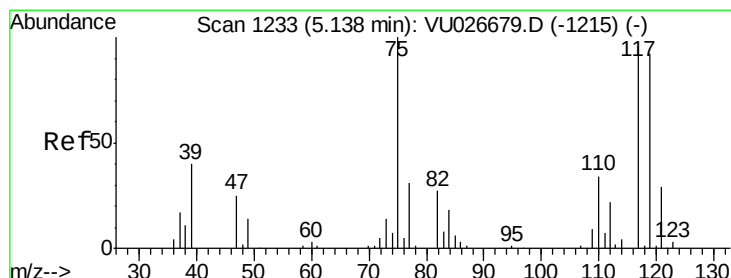
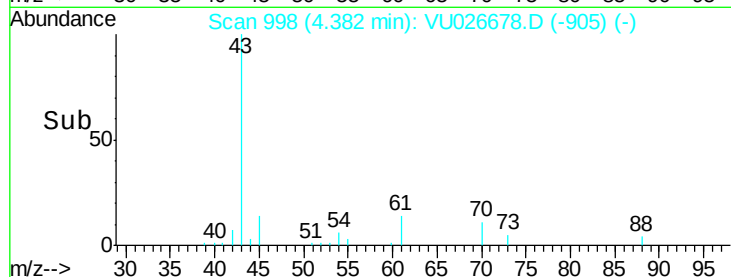
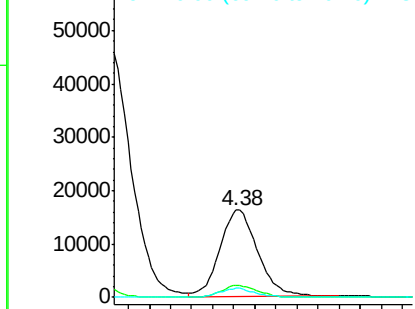
#37
Ethyl Acetate
Concen: 19.53 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 40503
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.6 7.8 11.8

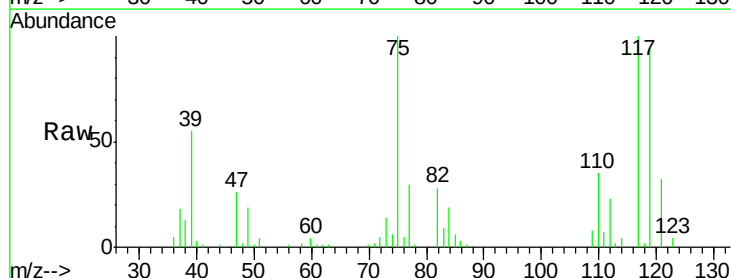


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

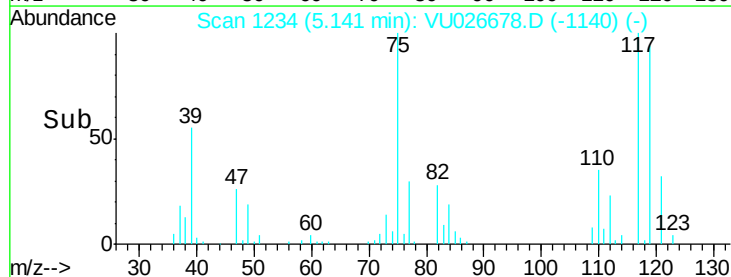
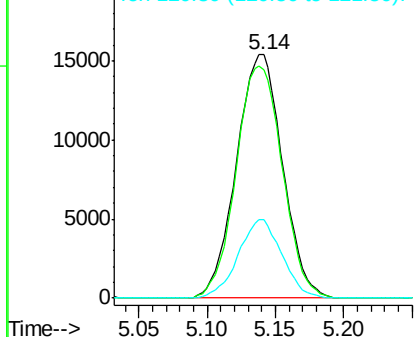


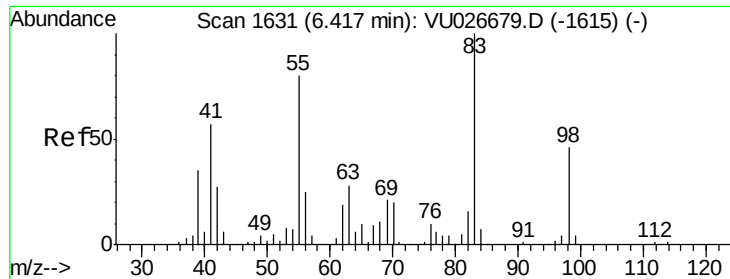
#38
Carbon Tetrachloride
Concen: 19.88 ug/l
RT: 5.14 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 117 Resp: 36207
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8
121 32.1 25.0 37.4



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

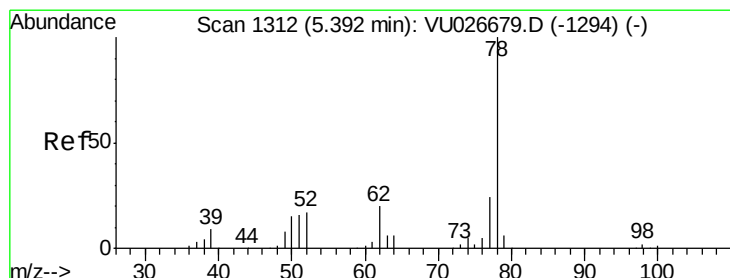
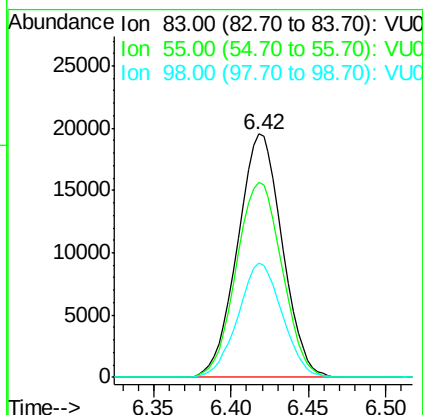
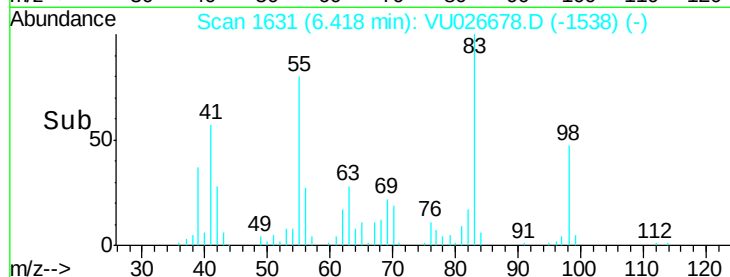
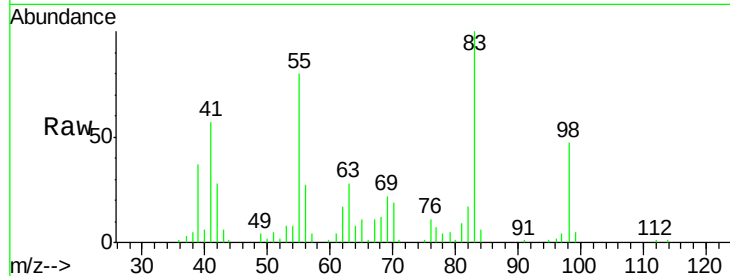




#39
Methylvlcyclohexane
Concen: 19.15 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

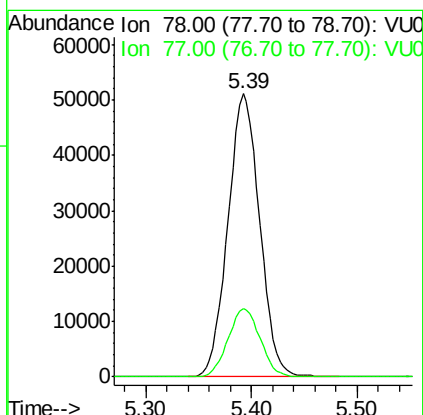
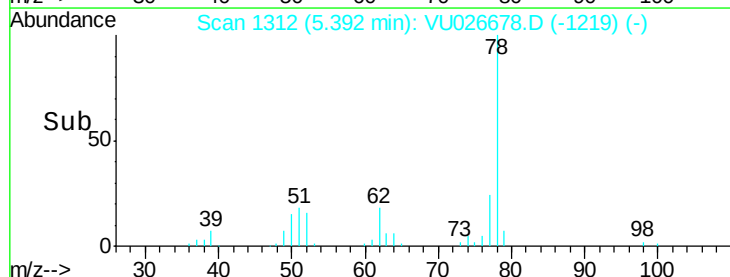
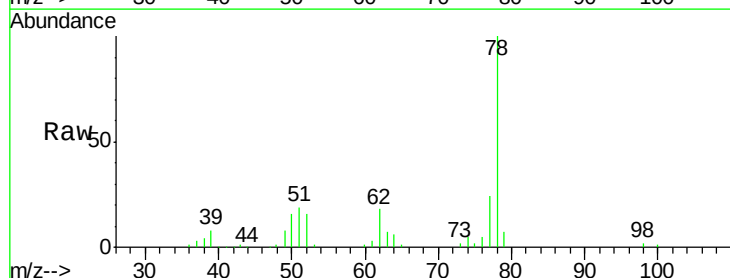
Instrument :
MSVOA_U
ClientSampled :

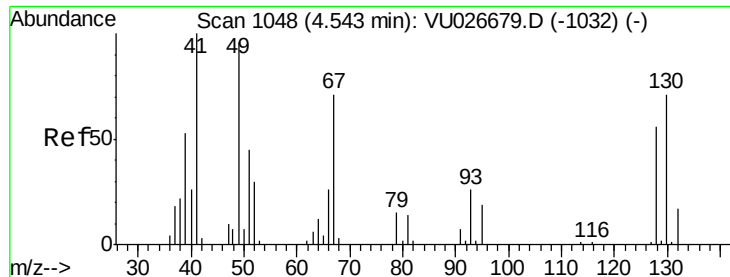
Tot Ion: 83 Resp: 39207
Ion Ratio Lower Upper
83 100
55 80.0 63.8 95.6
98 47.0 37.2 55.8



#40
Benzene
Concen: 19.92 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 78 Resp: 106643
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

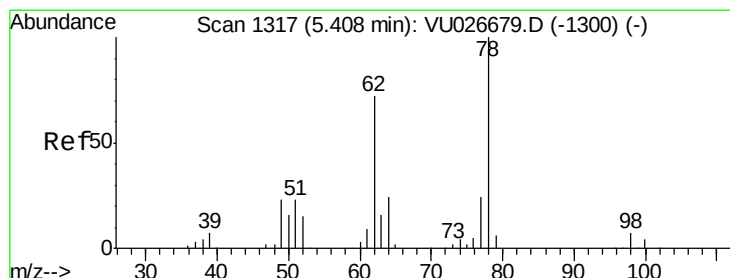
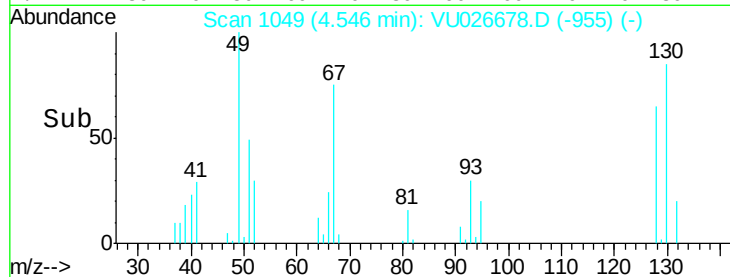
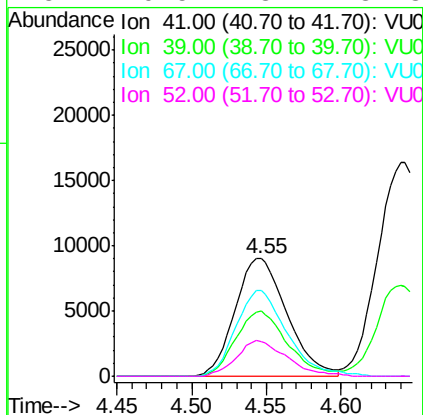
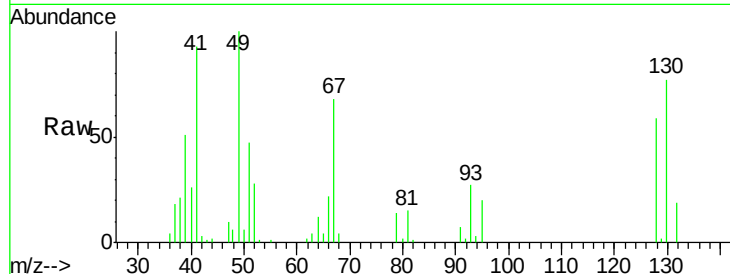




#41
Methacrylonitrile
Concen: 20.33 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

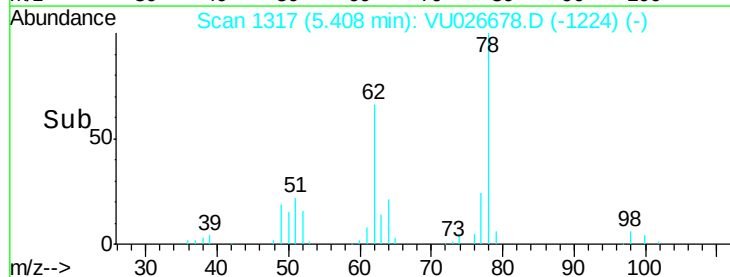
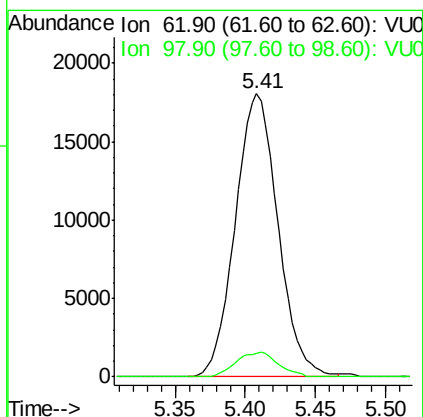
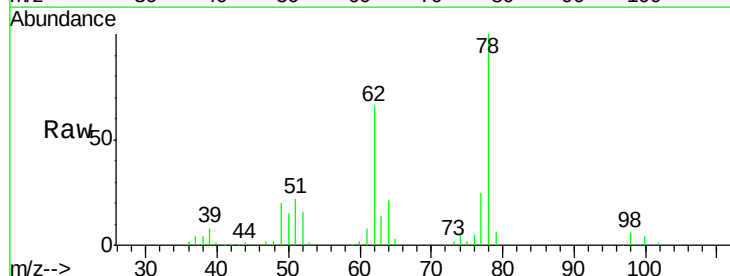
Instrument :
MSVOA_U
ClientSampled :

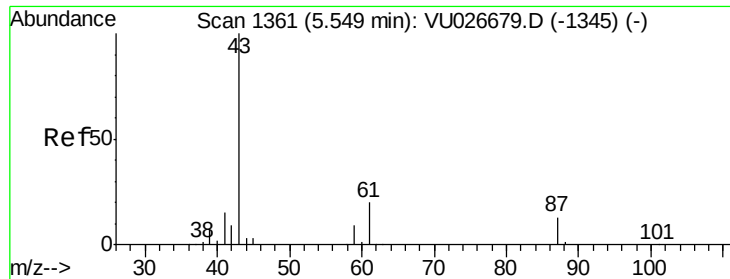
Tot Ion:	41	Resp:	21874
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.9	64.3
67	71.6	56.6	84.8
52	29.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:	62	Resp:	38264
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.05 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

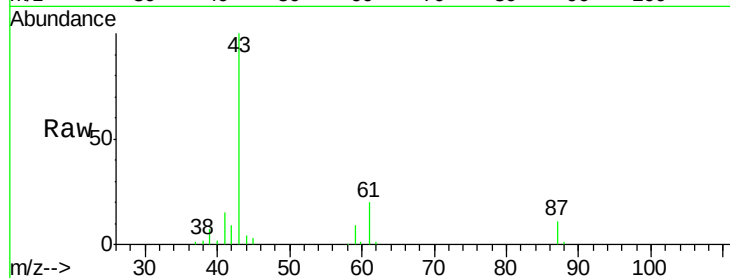
Tot Ion: 43 Resp: 63292

Ion Ratio Lower Upper

43 100

61 19.4 16.0 24.0

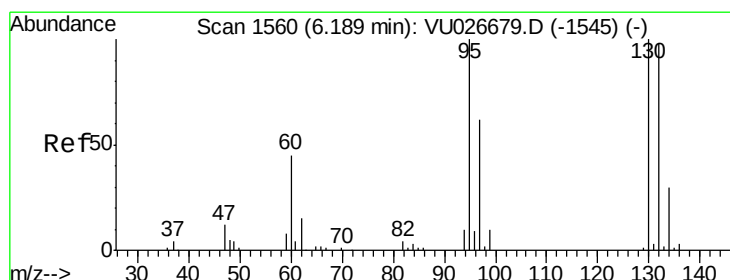
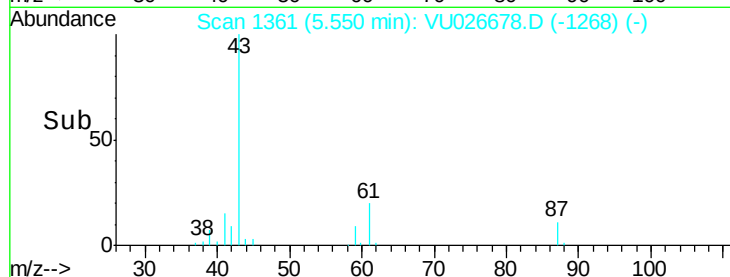
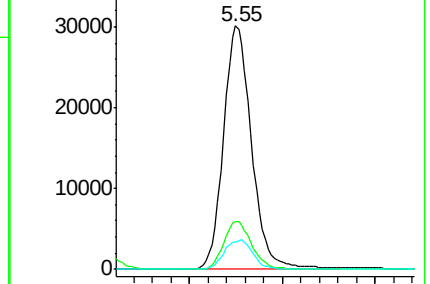
87 12.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 19.58 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026678.D

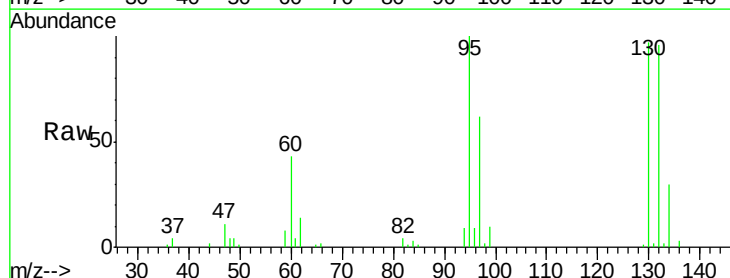
Acq: 11 Sep 2018 11:20

Tgt Ion:130 Resp: 25946

Ion Ratio Lower Upper

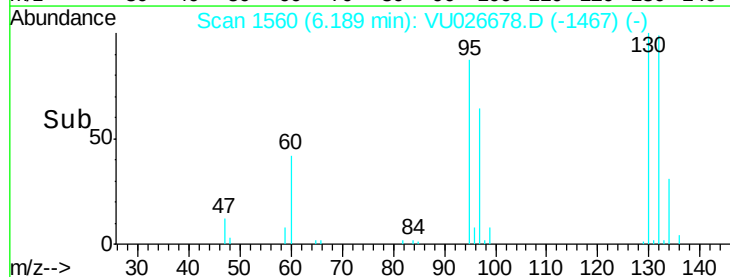
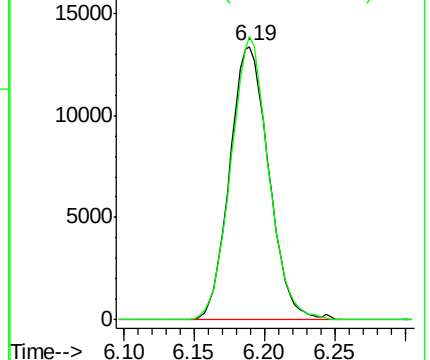
130 100

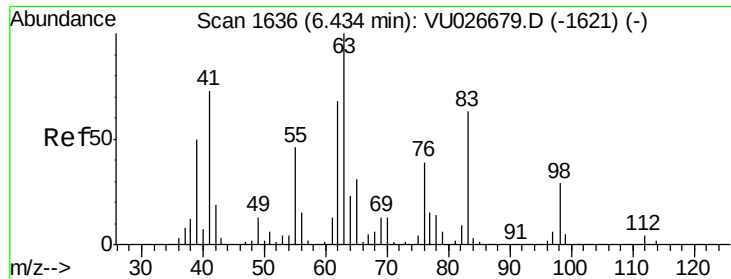
95 103.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

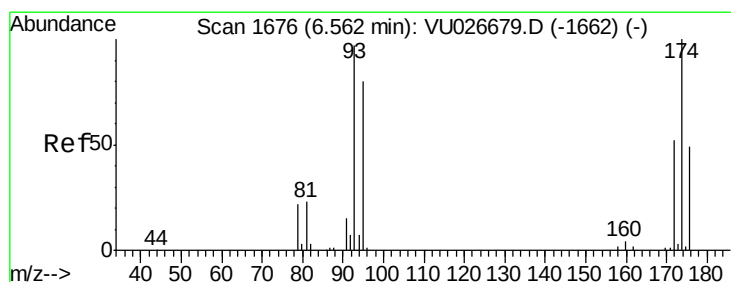
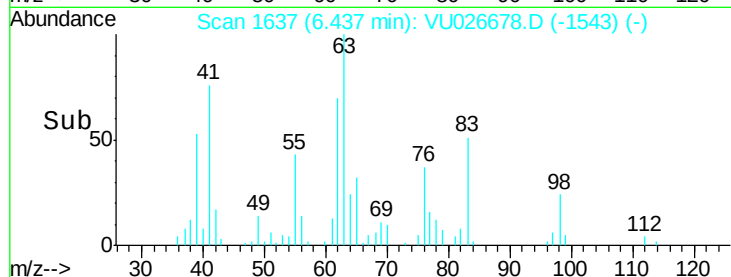
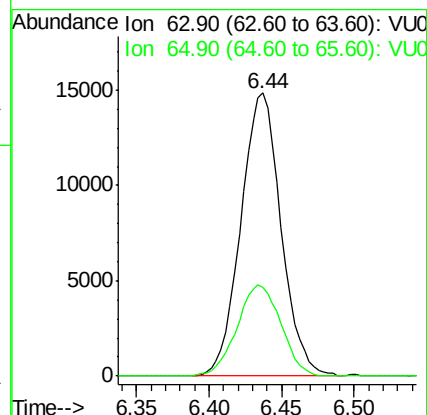
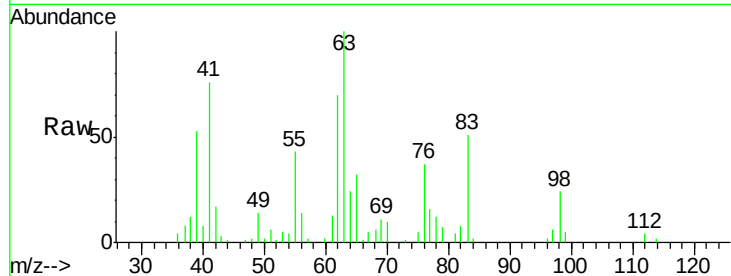




#45
 1,2-Dichloropropane
 Concen: 19.69 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

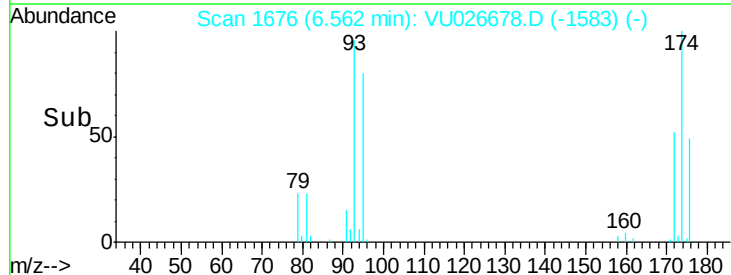
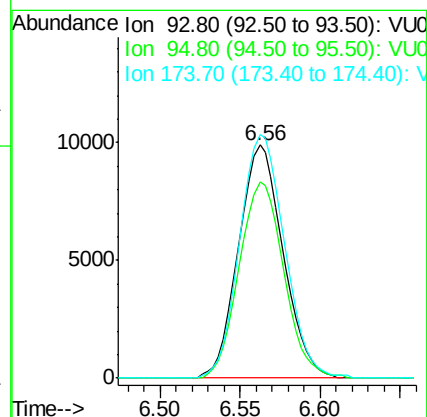
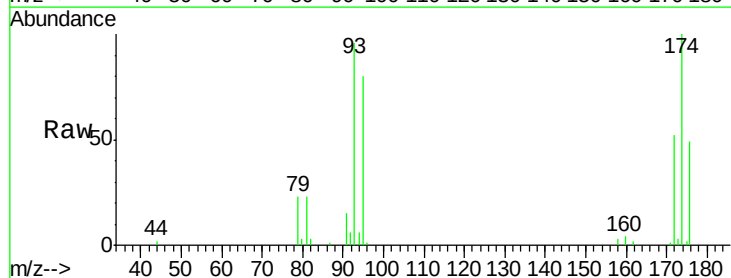
Instrument :
 MSVOA_U
 ClientSampled :

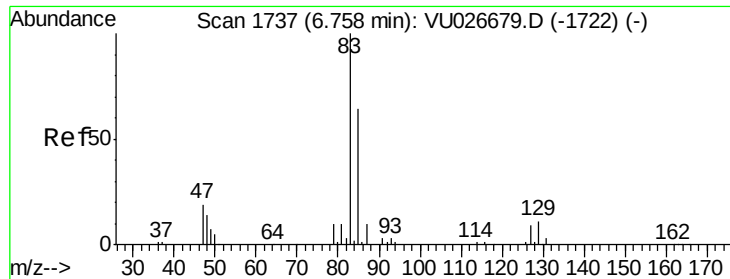
Tot Ion: 63 Resp: 28665
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 20.02 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion: 93 Resp: 18805
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.4 98.2
 174 105.4 81.6 122.4

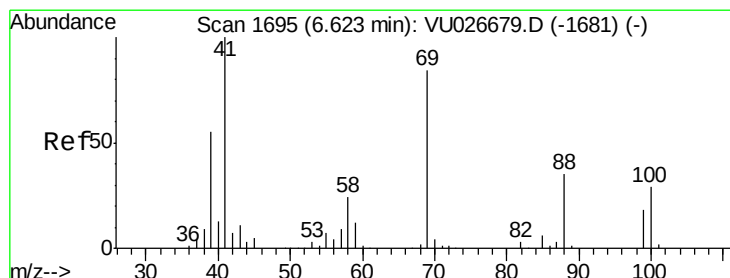
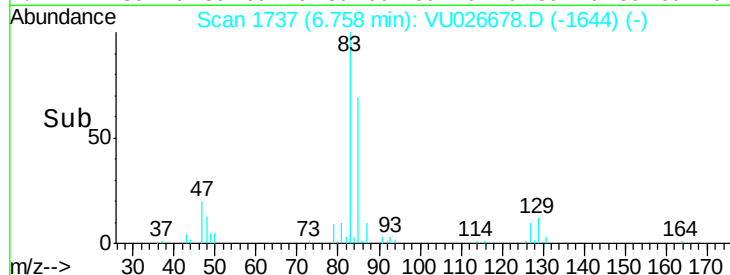
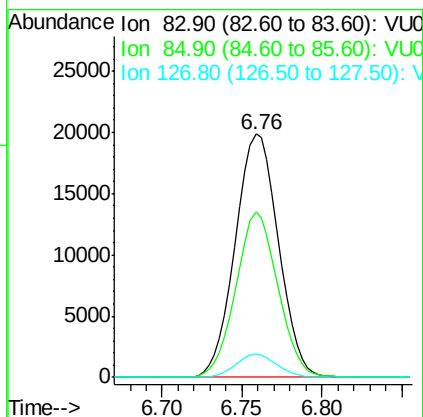
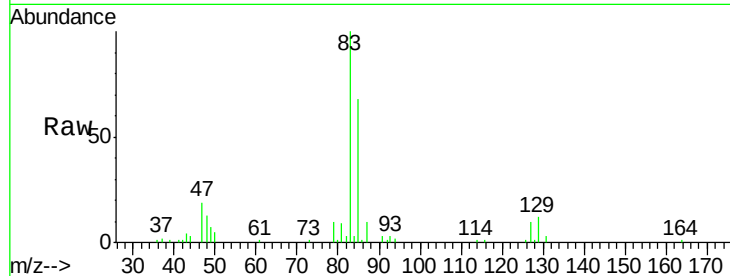




#47
 Bromodichloromethane
 Concen: 19.79 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

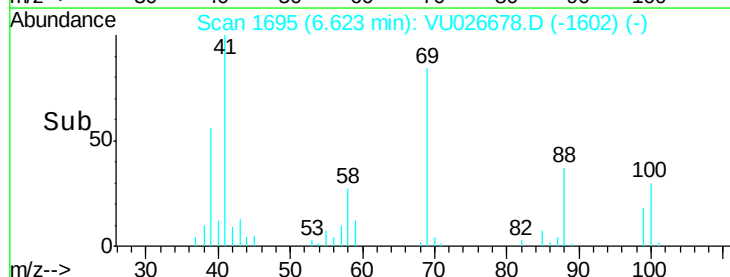
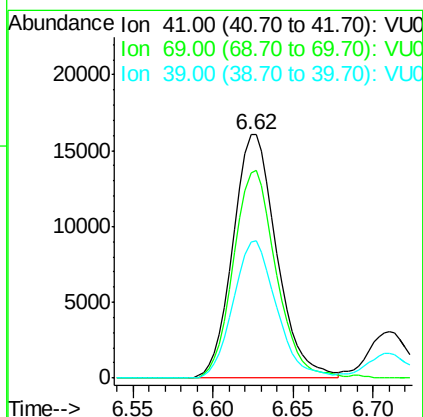
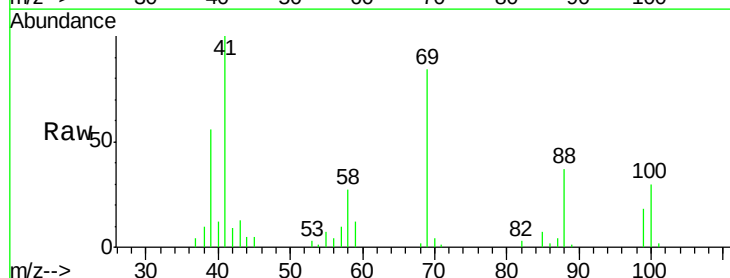
Instrument :
 MSVOA_U
 ClientSampled :

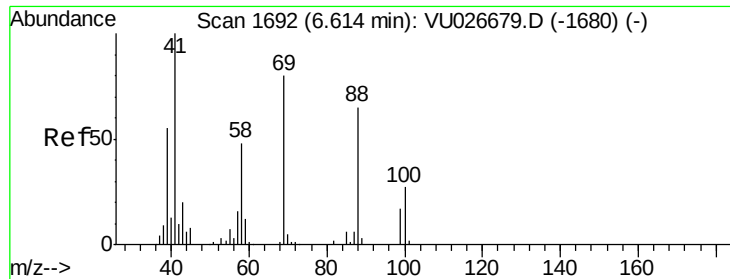
Tot Ion: 83 Resp: 36609
 Ion Ratio Lower Upper
 83 100
 85 67.9 51.1 76.7
 127 9.6 6.9 10.3



#48
 Methyl methacrylate
 Concen: 19.29 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion: 41 Resp: 30058
 Ion Ratio Lower Upper
 41 100
 69 83.1 66.6 99.8
 39 55.4 43.6 65.4

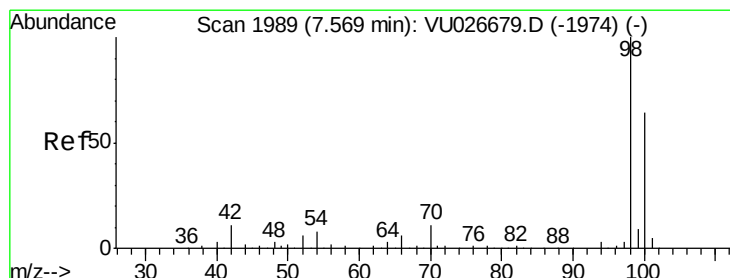
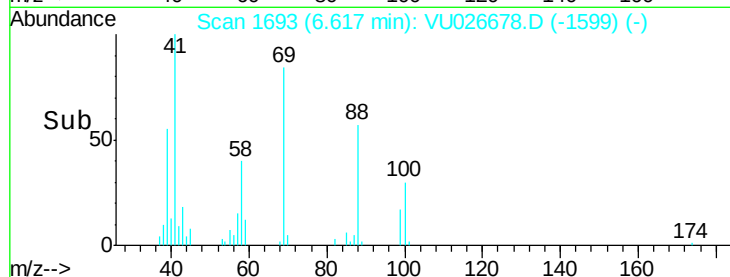
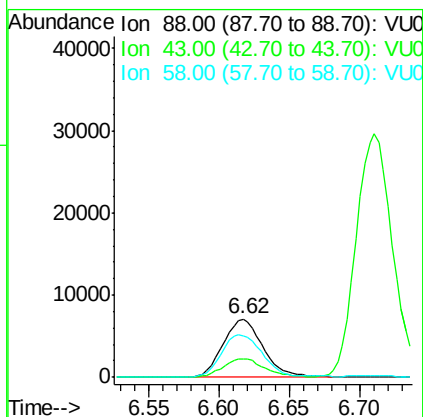
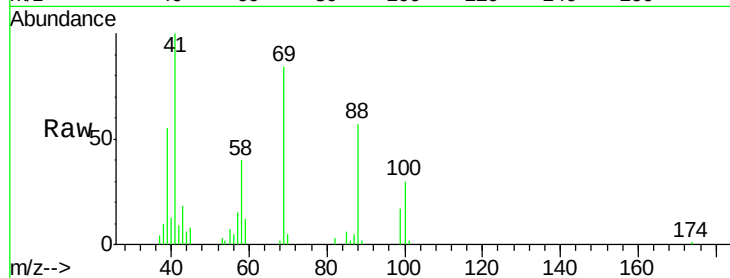




#49
1,4-Dioxane
Concen: 389.40 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

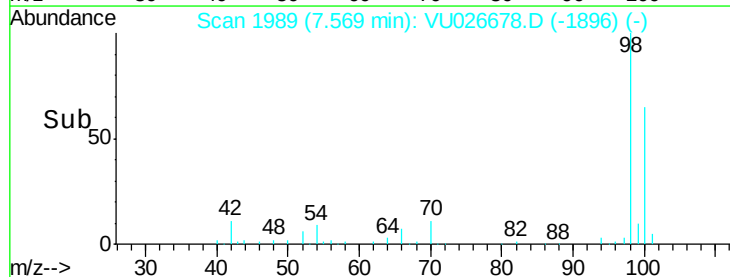
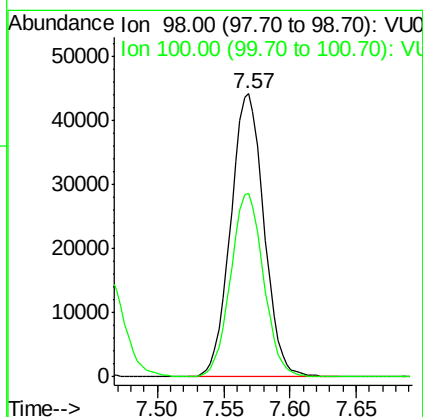
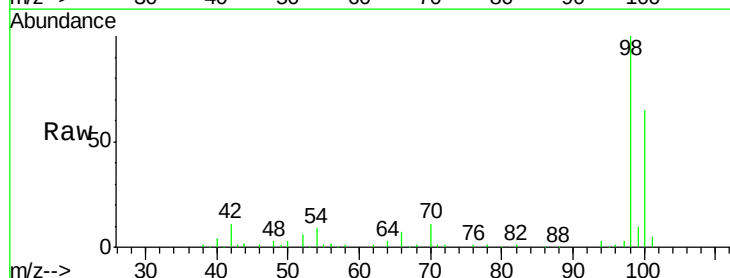
Instrument :
MSVOA_U
ClientSampleId :

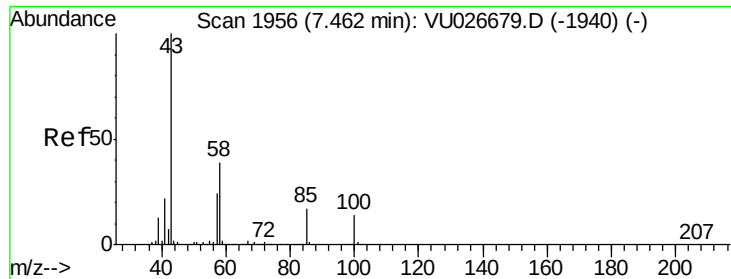
Tot Ion: 88 Resp: 14061
Ion Ratio Lower Upper
88 100
43 33.3 25.5 38.3
58 74.6 58.2 87.4



#50
Toluene-d8
Concen: 16.63 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 98 Resp: 77047
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 97.07 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

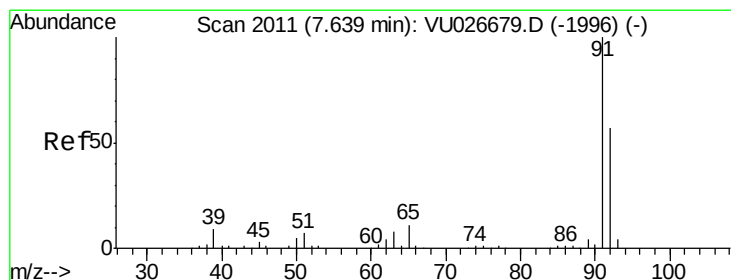
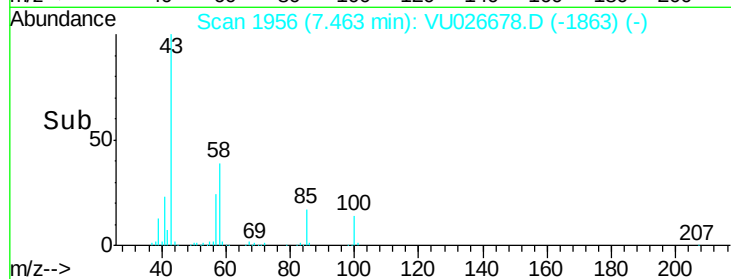
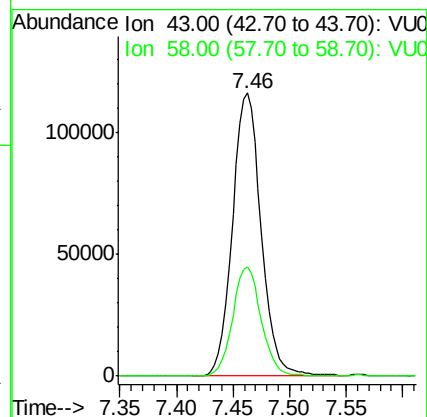
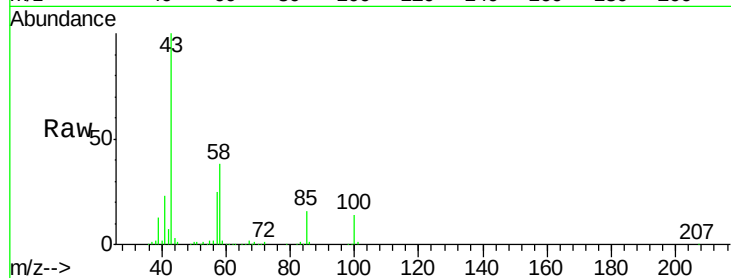
ClientSampled :

Tot Ion: 43 Resp: 204990

Ion Ratio Lower Upper

43 100

58 38.3 31.1 46.7



#52

Toluene

Concen: 19.97 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026678.D

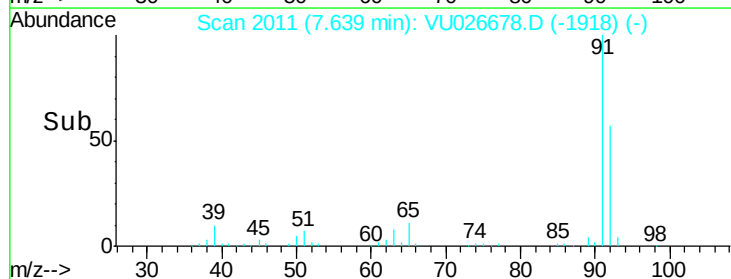
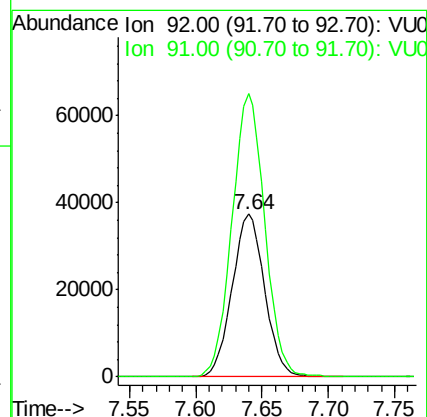
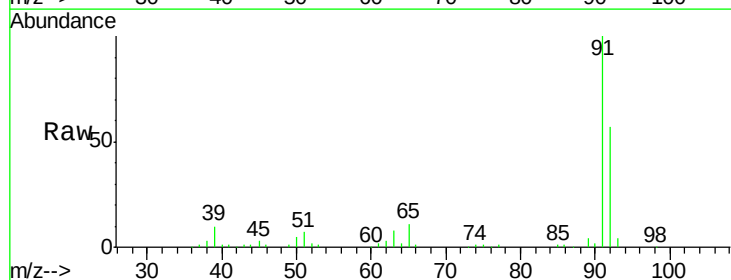
Acq: 11 Sep 2018 11:20

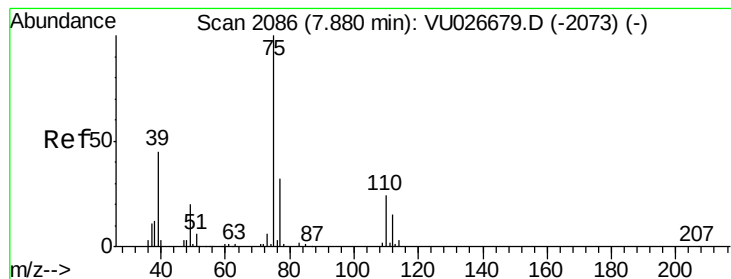
Tgt Ion: 92 Resp: 63689

Ion Ratio Lower Upper

92 100

91 175.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 19.11 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

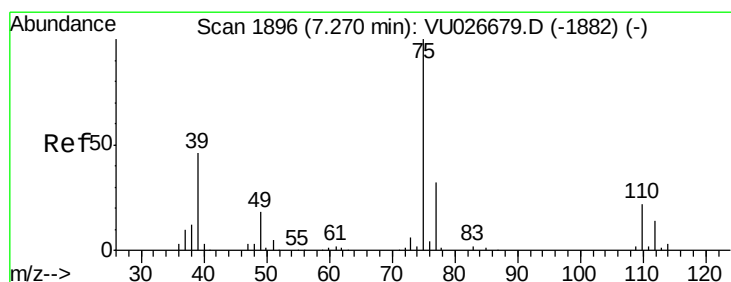
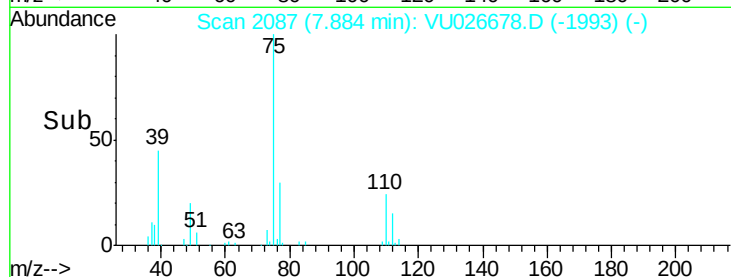
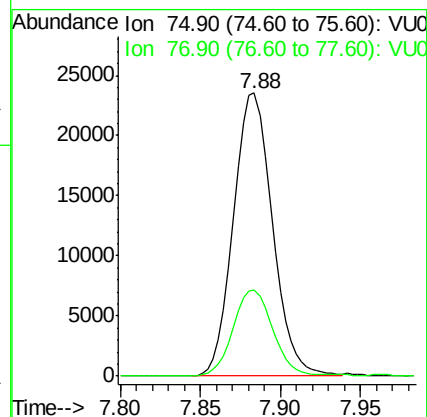
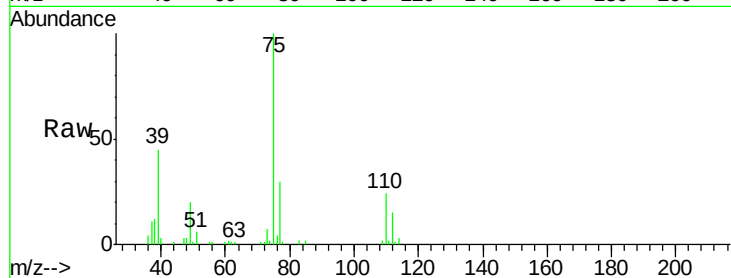
ClientSampleId :

Tot Ion: 75 Resp: 39216

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.63 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

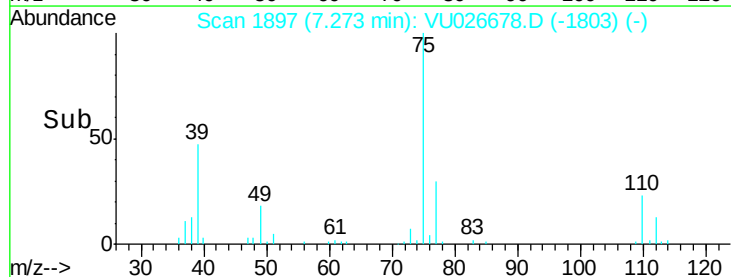
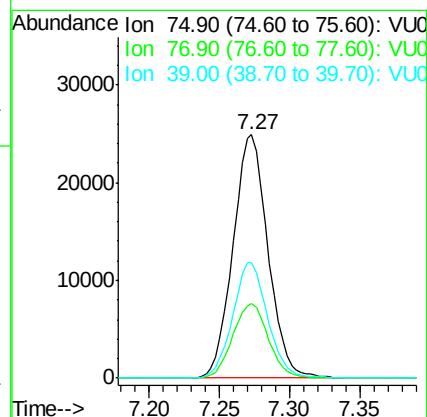
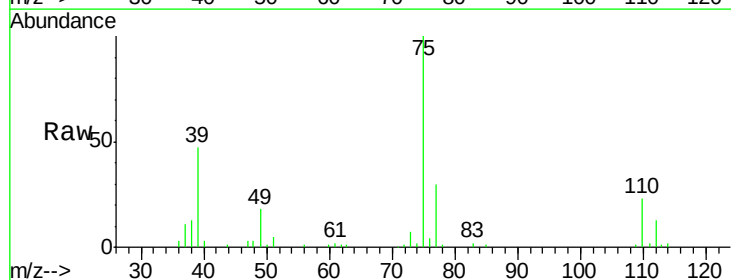
Tgt Ion: 75 Resp: 43240

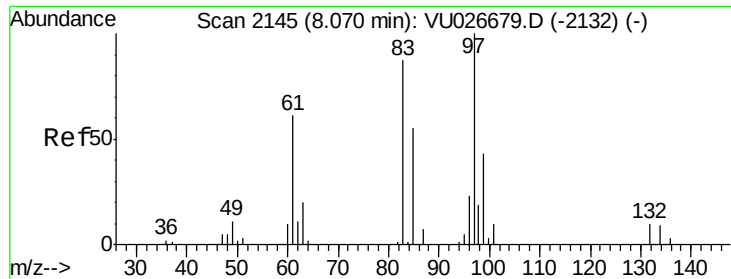
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 47.2 37.0 55.6

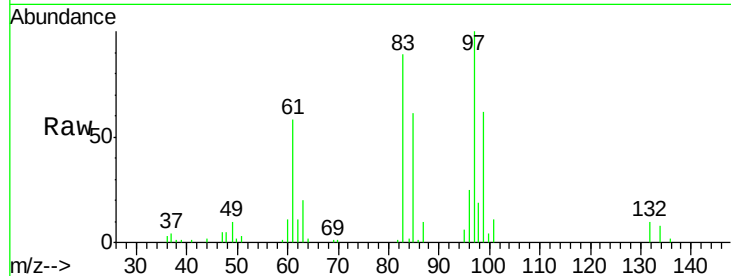




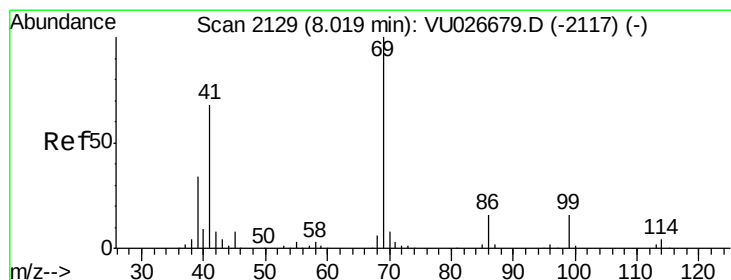
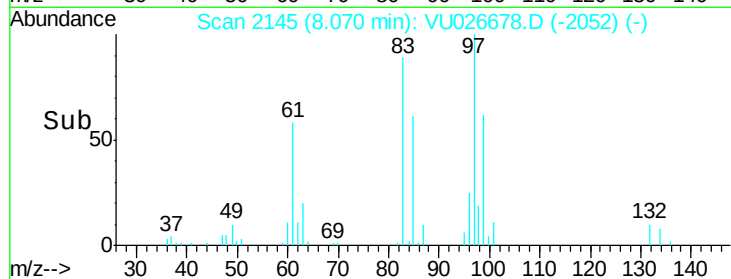
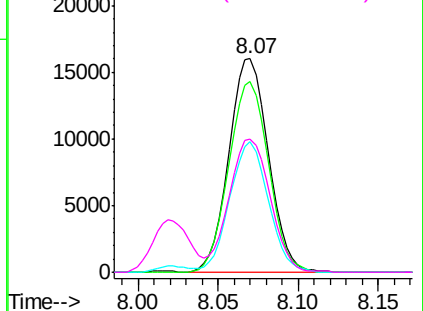
#55
 1,1,2-Trichloroethane
 Concen: 19.77 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	27015
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.3	103.9
85	61.0	45.9	68.9
99	62.1	50.1	75.1

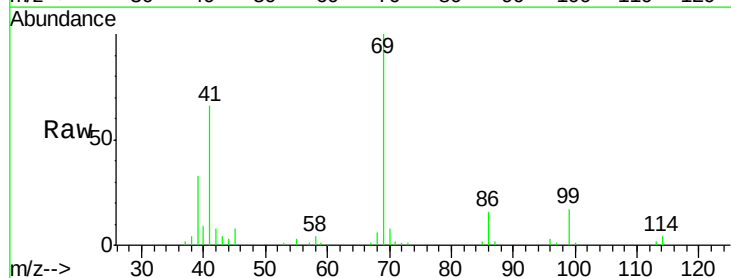


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

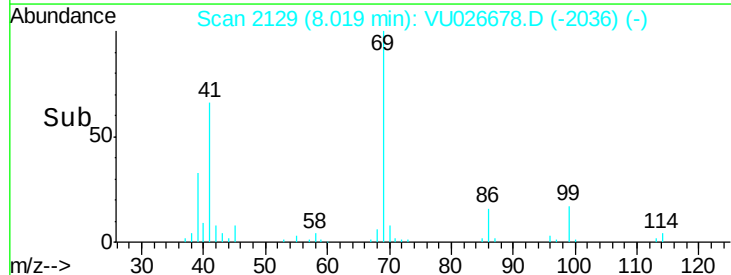
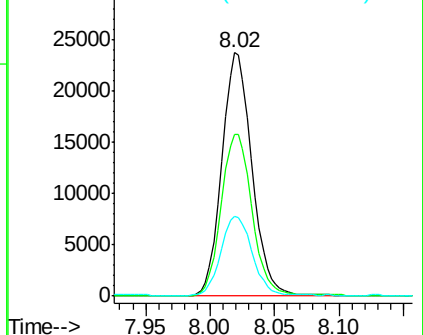


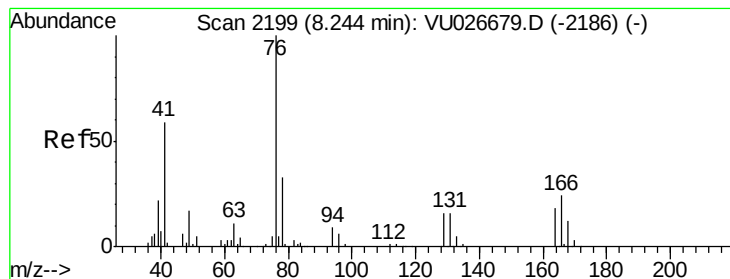
#56
 Ethyl methacrylate
 Concen: 19.33 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion:	69	Resp:	38561
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.2	81.2
39	34.2	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 20.24 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

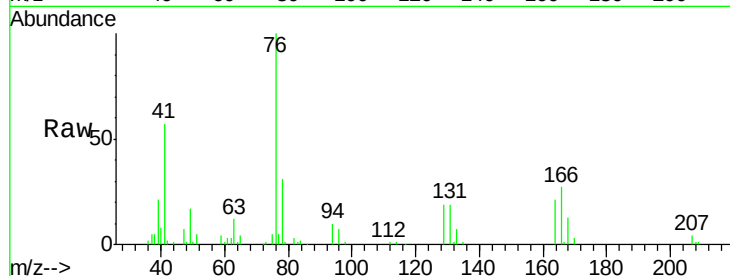
ClientSampleId :

Tot Ion: 76 Resp: 47144

Ion Ratio Lower Upper

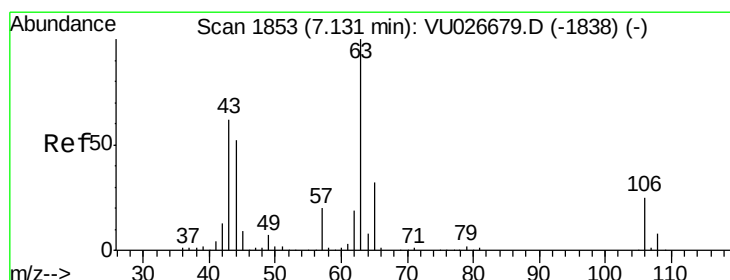
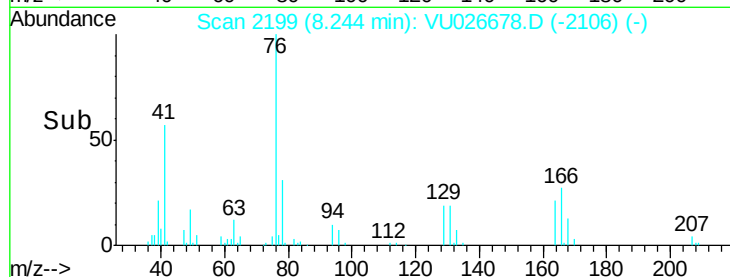
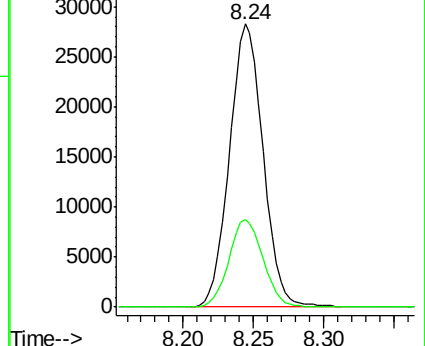
76 100

78 31.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 99.30 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU026678.D

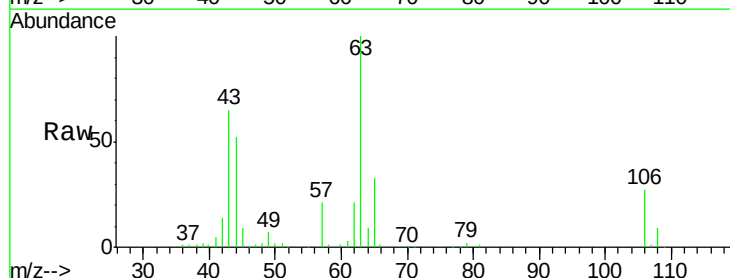
Acq: 11 Sep 2018 11:20

Tgt Ion: 63 Resp: 97677

Ion Ratio Lower Upper

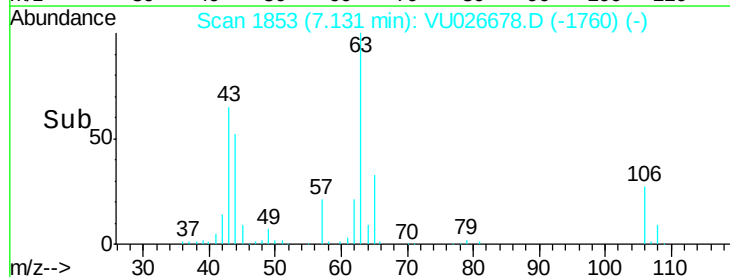
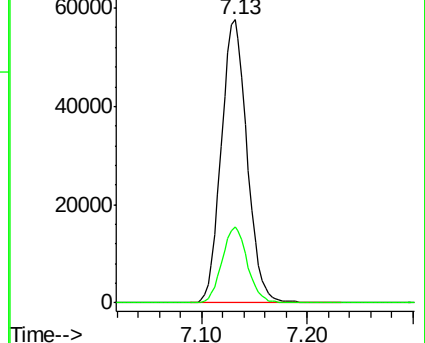
63 100

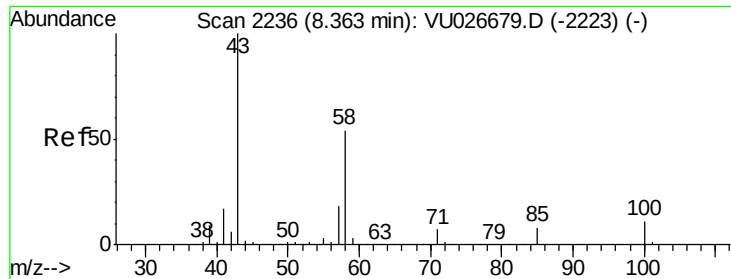
106 26.2 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

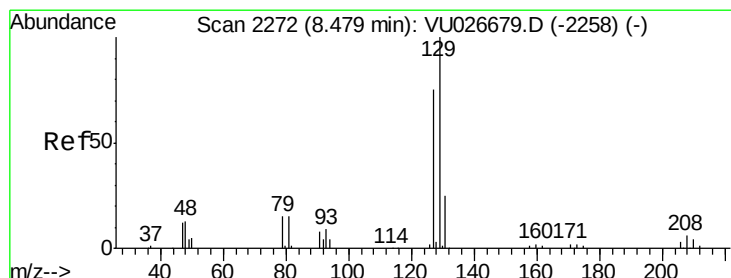
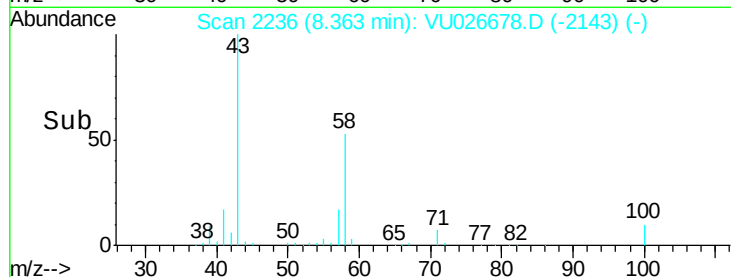
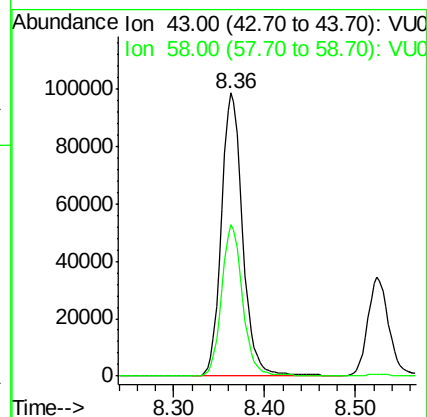
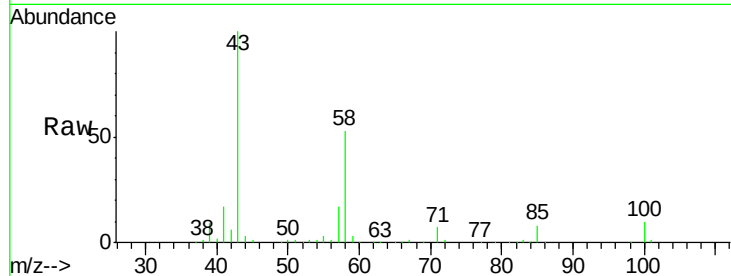




#59
2-Hexanone
Concen: 96.38 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

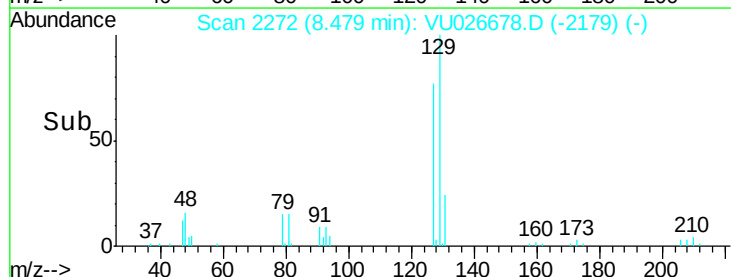
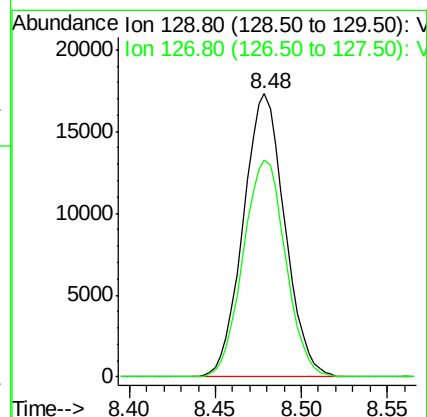
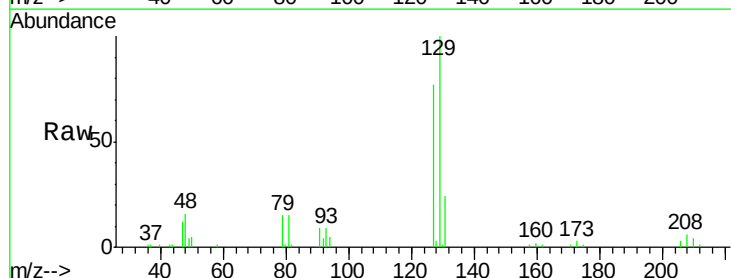
Instrument :
MSVOA_U
ClientSampled :

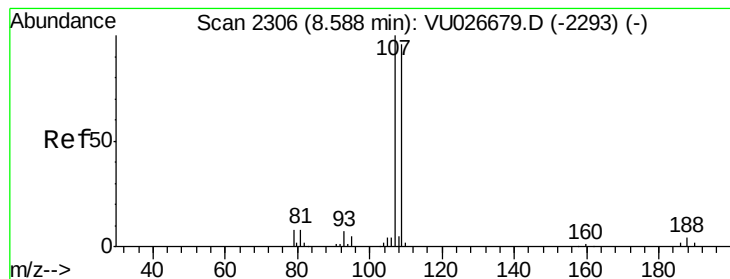
Tot Ion: 43 Resp: 160185
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7



#60
Dibromochloromethane
Concen: 19.60 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:129 Resp: 29009
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.58 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

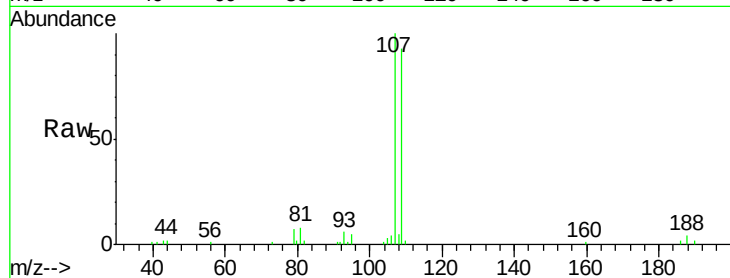
ClientSampleId :

Tot Ion:107 Resp: 29032

Ion Ratio Lower Upper

107 100

109 95.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

20000

15000

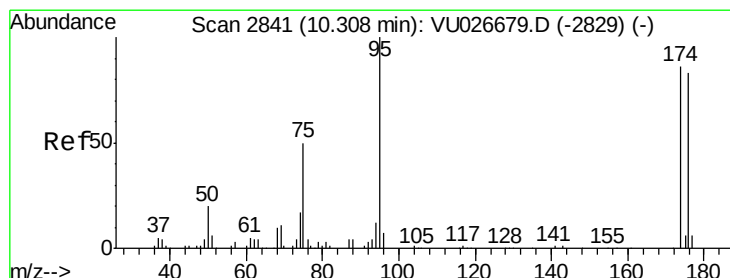
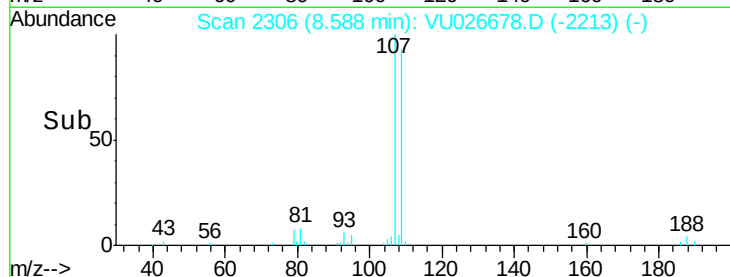
10000

5000

0

Time-->

8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 15.83 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

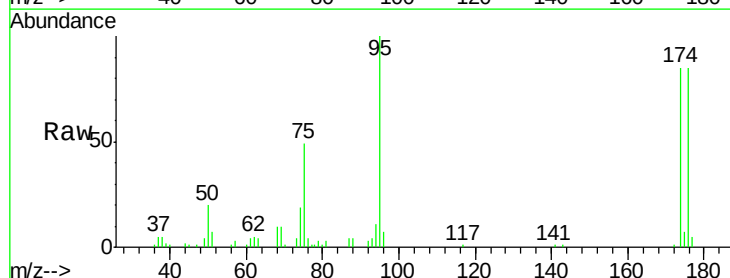
Tgt Ion: 95 Resp: 26588

Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.8

176 83.6 0.0 168.6



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

10.31

20000

15000

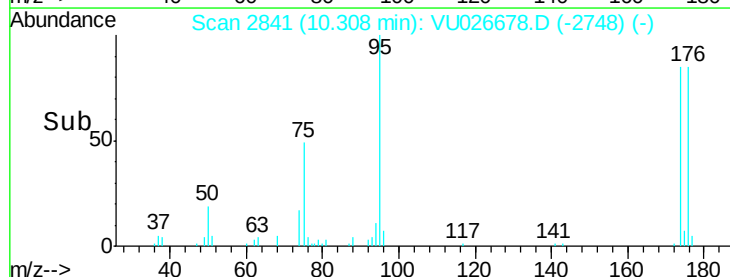
10000

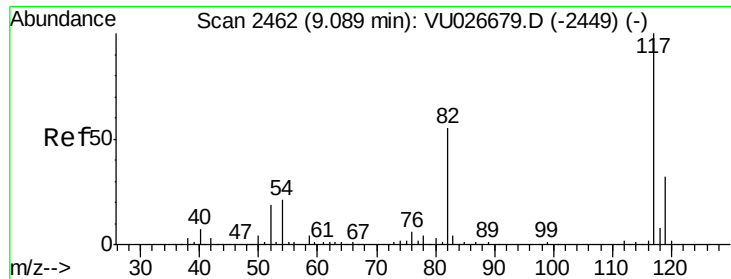
5000

0

Time-->

10.25 10.30 10.35

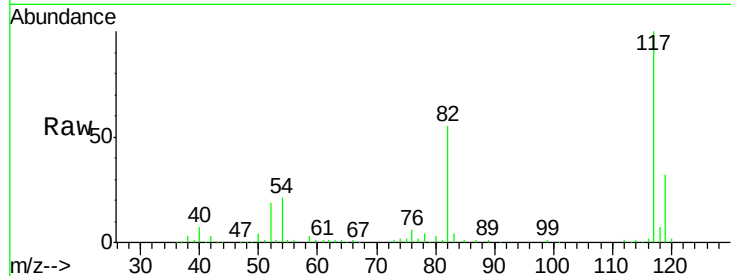




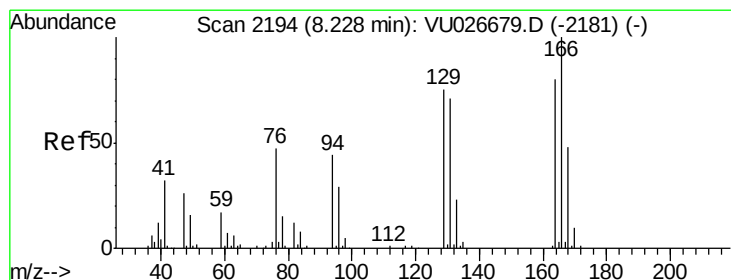
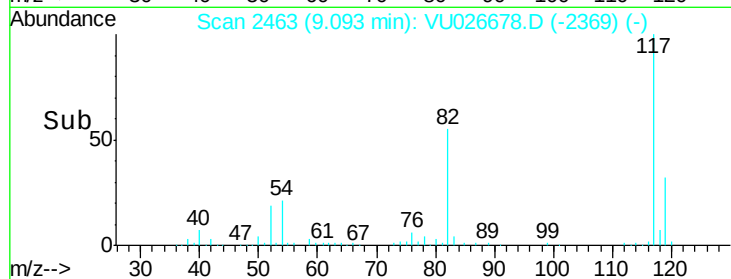
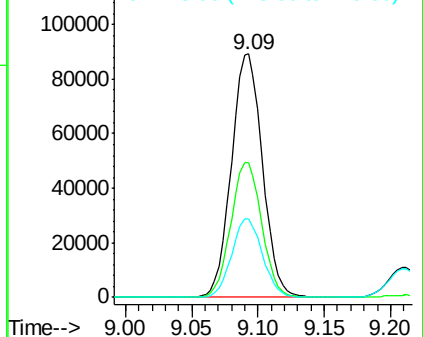
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 145217
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.0 25.7 38.5



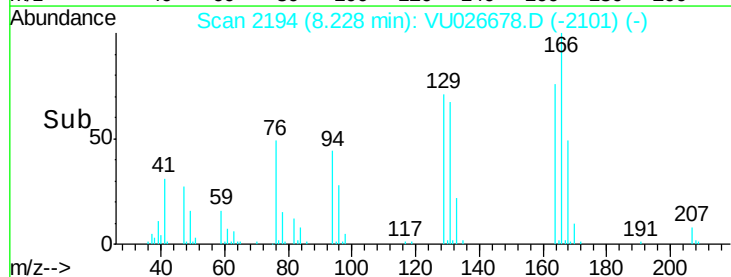
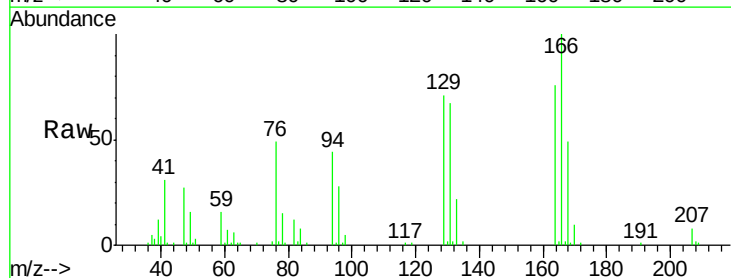
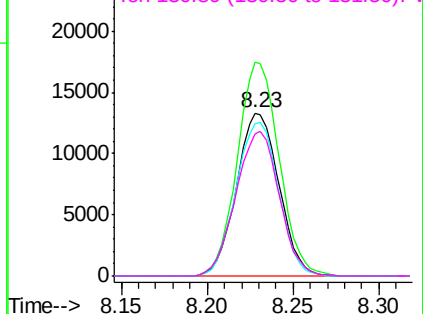
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

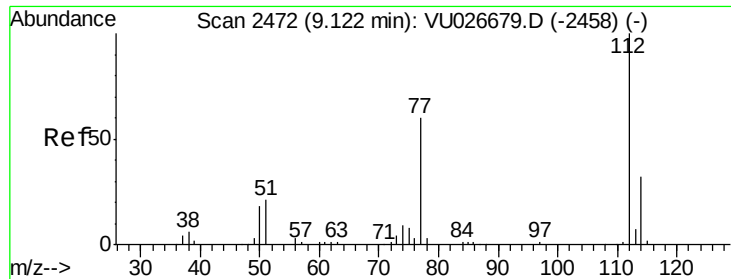


#64
Tetrachloroethene
Concen: 19.68 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:164 Resp: 22742
Ion Ratio Lower Upper
164 100
166 130.9 100.5 150.7
129 93.1 75.3 112.9
131 87.3 71.4 107.2

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

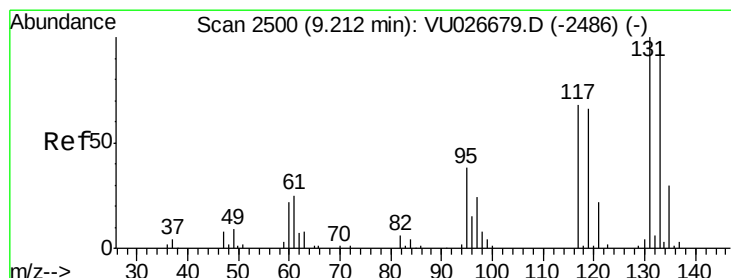
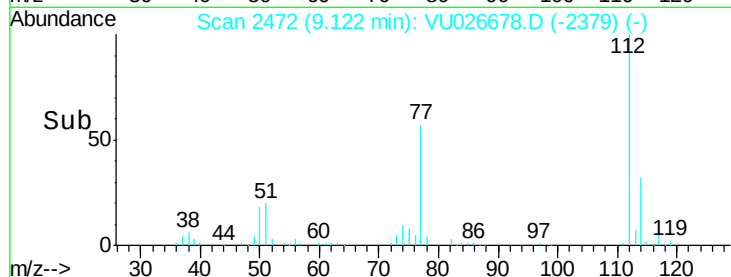
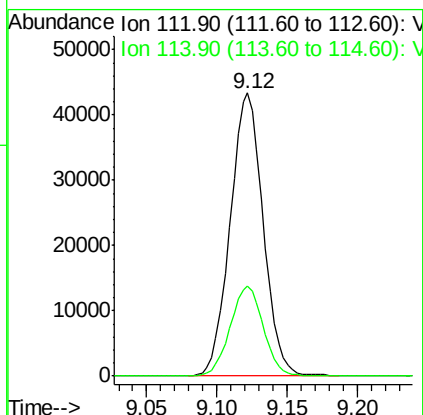
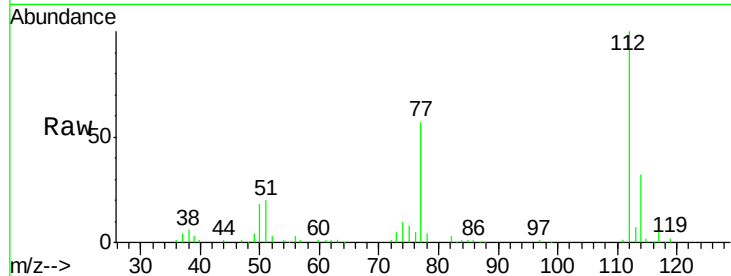




#65
Chlorobenzene
Concen: 19.71 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

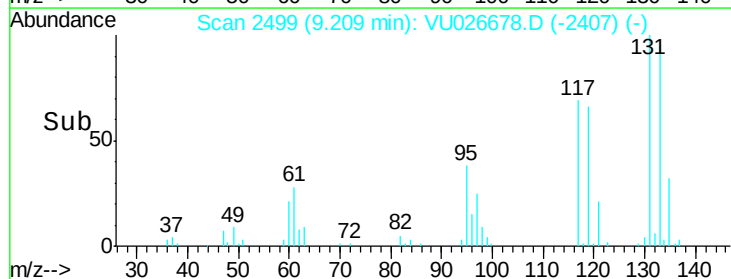
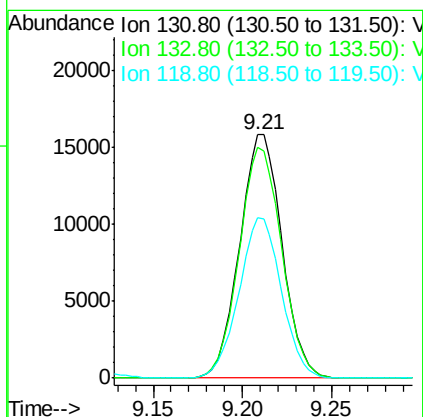
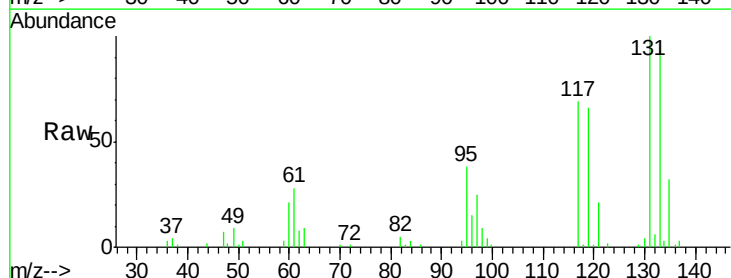
Instrument :
MSVOA_U
ClientSampleId :

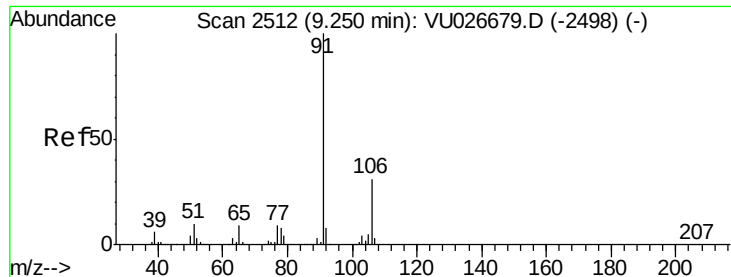
Tot Ion:112 Resp: 71093
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.75 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:131 Resp: 26211
Ion Ratio Lower Upper
131 100
133 95.4 48.9 146.6
119 65.8 32.7 98.1

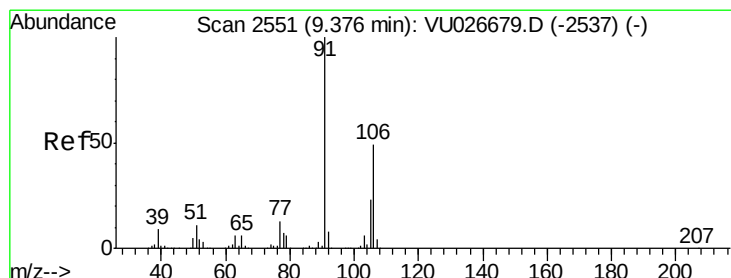
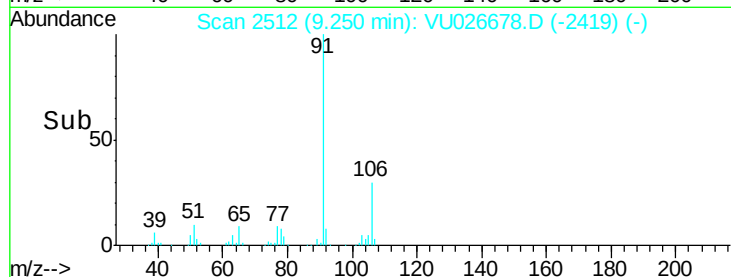
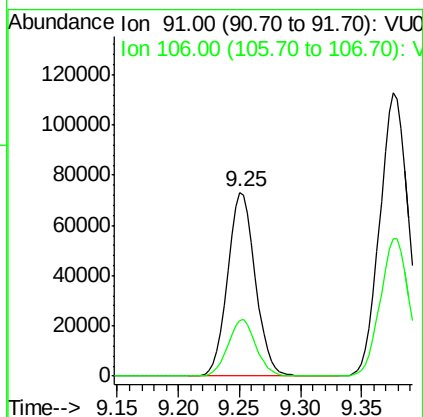
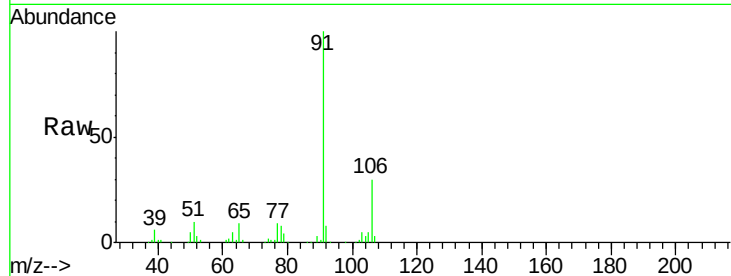




#67
Ethyl Benzene
Concen: 19.57 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

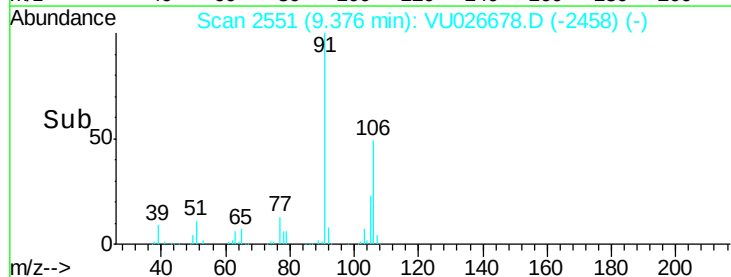
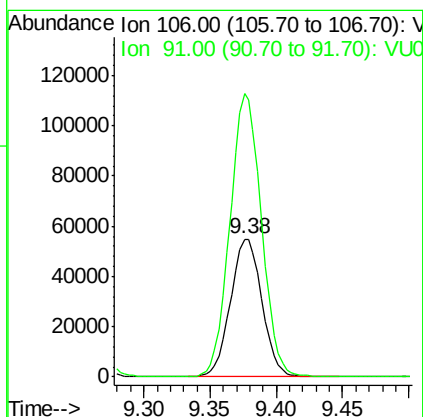
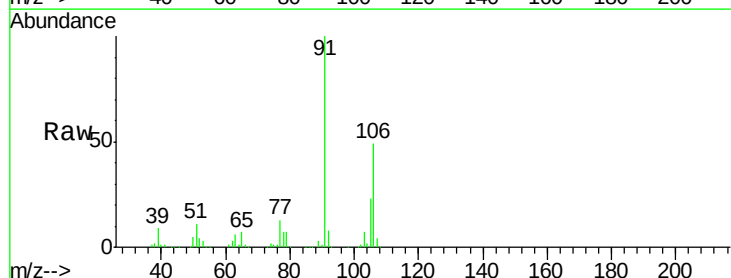
Instrument :
MSVOA_U
ClientSampleId :

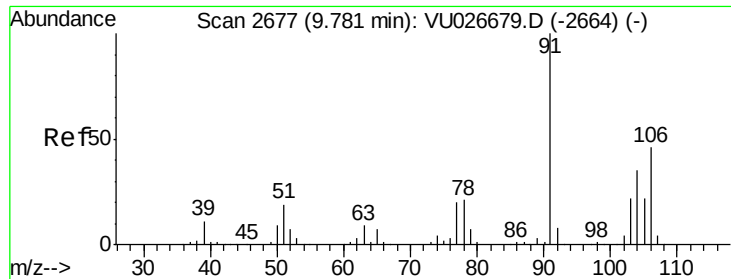
Tot Ion: 91 Resp: 116323
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4



#68
m/p-Xylenes
Concen: 40.11 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 106 Resp: 90684
Ion Ratio Lower Upper
106 100
91 205.6 162.1 243.1

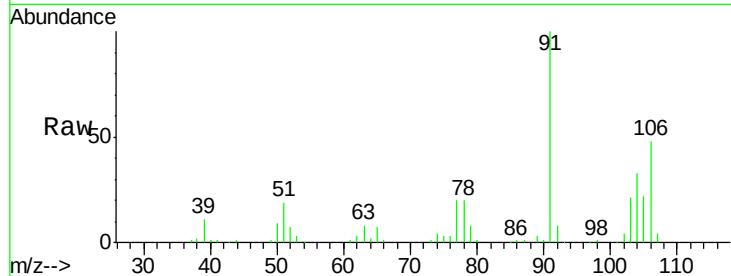




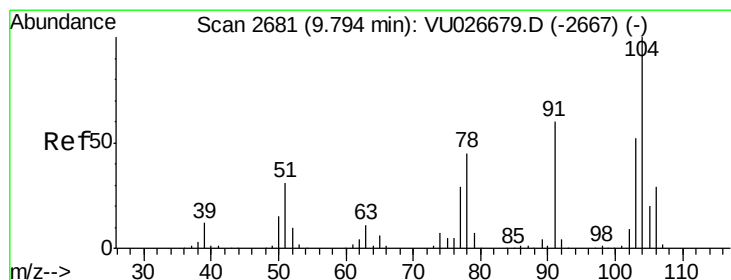
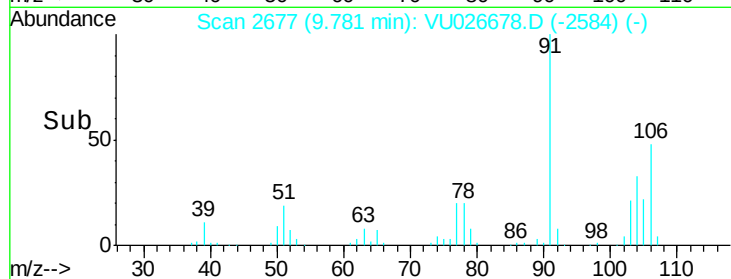
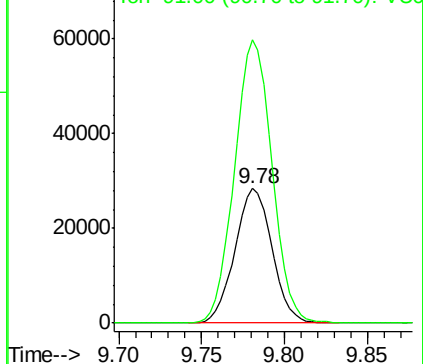
#69
o-Xylene
Concen: 20.12 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 44319
Ion Ratio Lower Upper
106 100
91 212.3 106.9 320.8

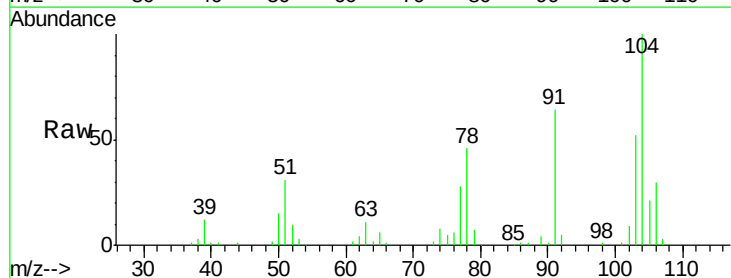


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

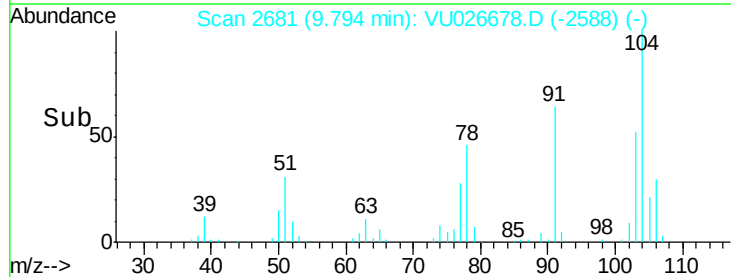
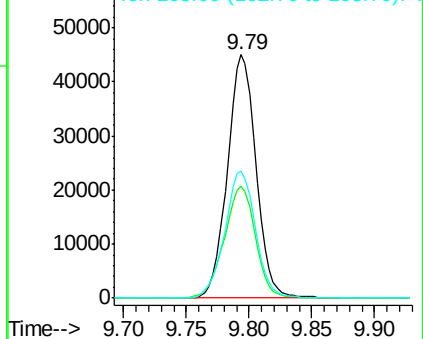


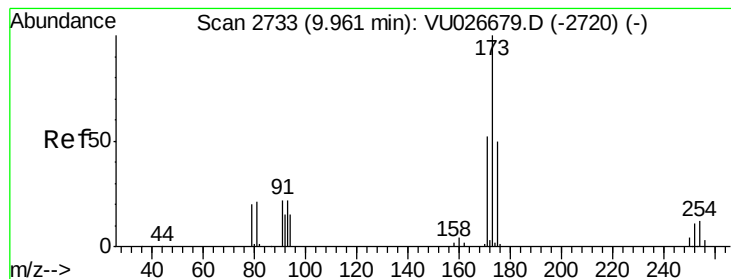
#70
Styrene
Concen: 19.82 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:104 Resp: 71466
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.2
103 56.0 44.5 66.7



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: 19.52 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :

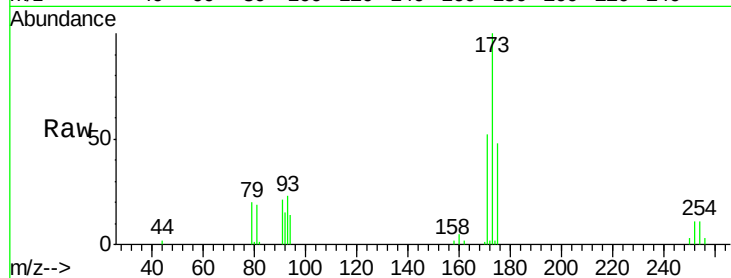
Tot Ion:173 Resp: 22538

Ion Ratio Lower Upper

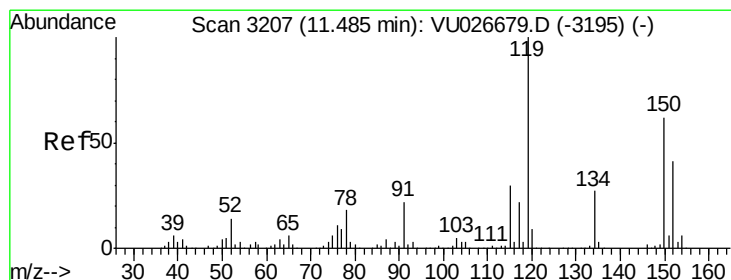
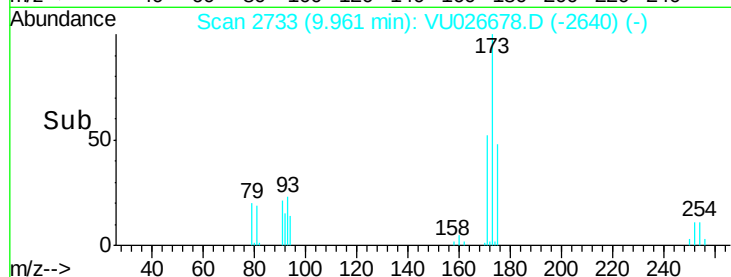
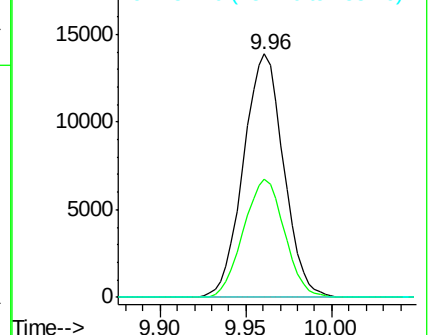
173 100

175 49.4 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

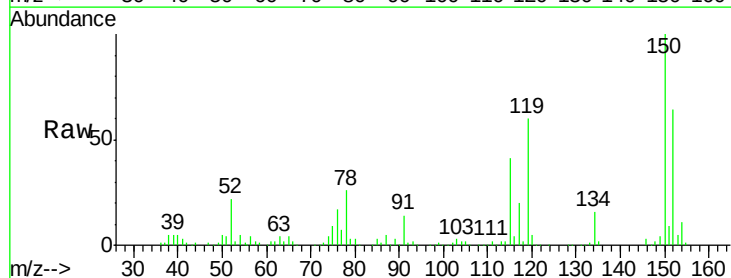
Tgt Ion:152 Resp: 82339

Ion Ratio Lower Upper

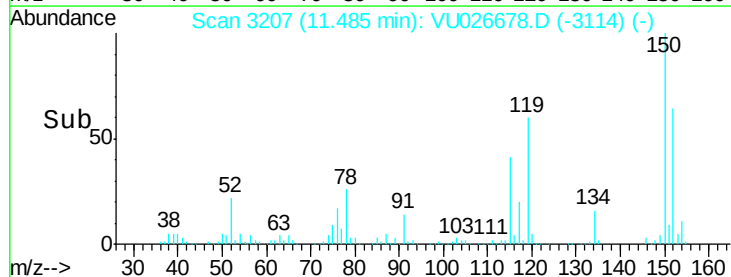
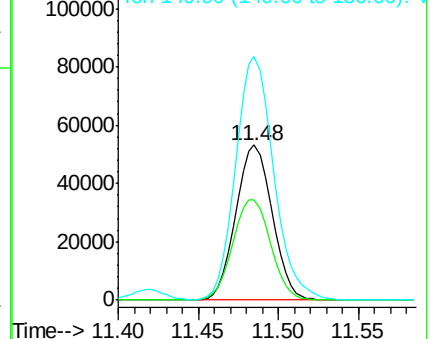
152 100

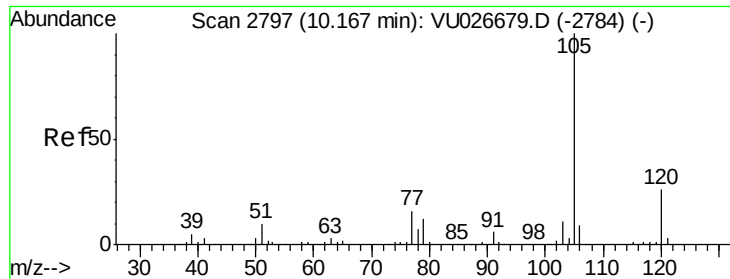
115 67.8 40.4 121.1

150 164.8 0.0 345.2



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: 20.96 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

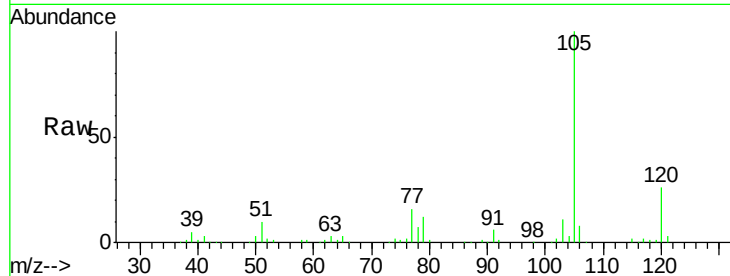
ClientSampleId :

Tot Ion:105 Resp: 117611

Ion Ratio Lower Upper

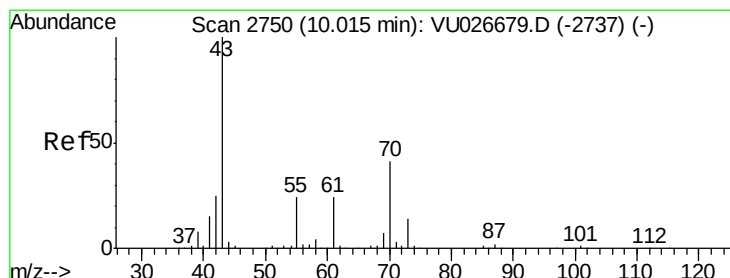
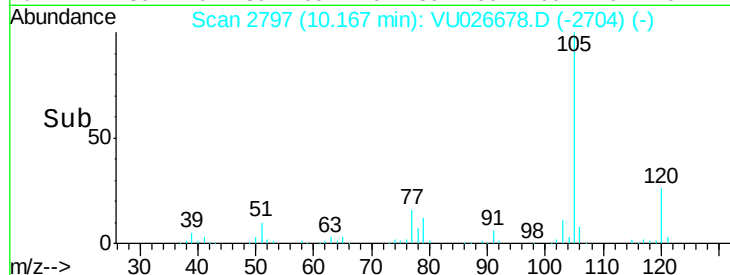
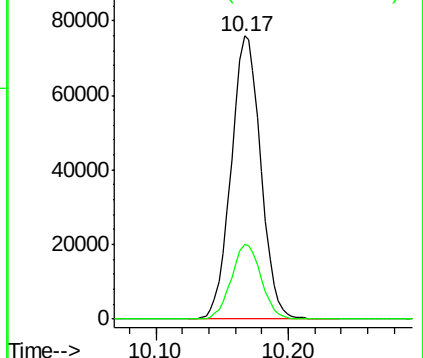
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.97 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Tgt Ion: 43 Resp: 52902

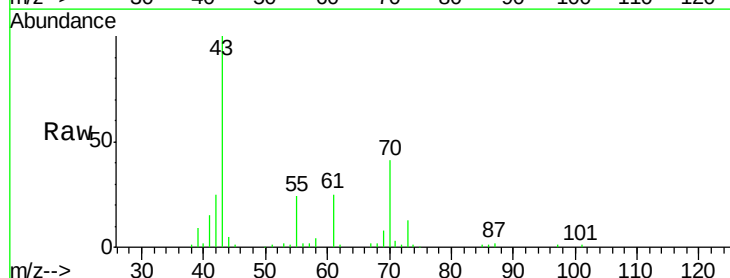
Ion Ratio Lower Upper

43 100

70 39.8 32.6 48.8

55 24.3 19.1 28.7

61 23.7 19.4 29.0

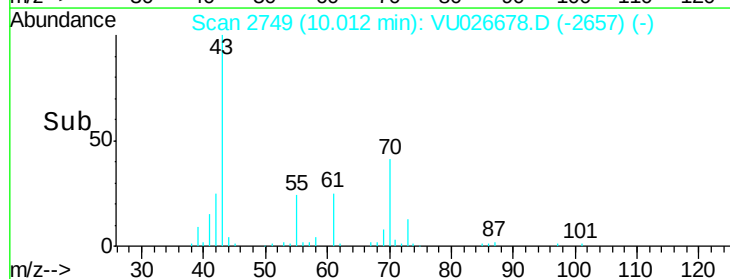
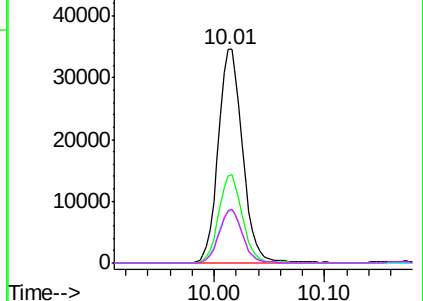


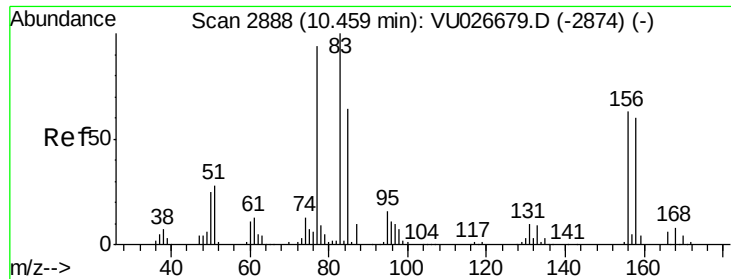
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 19.73 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

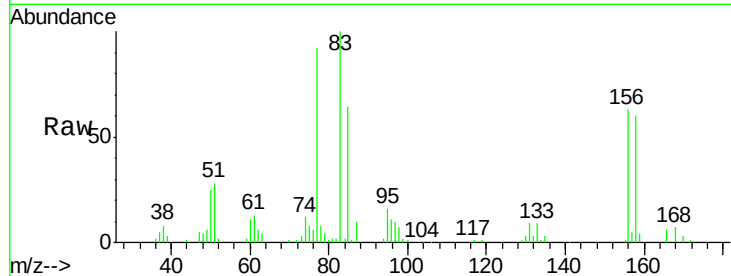
Tot Ion: 83 Resp: 45110

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

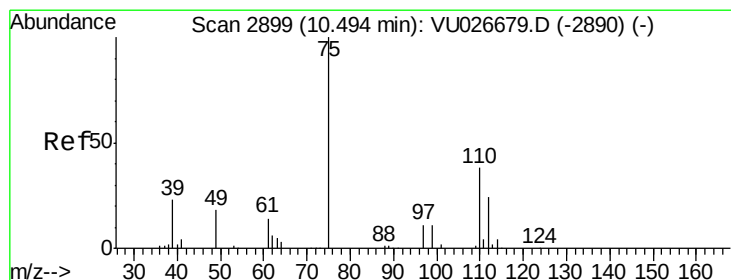
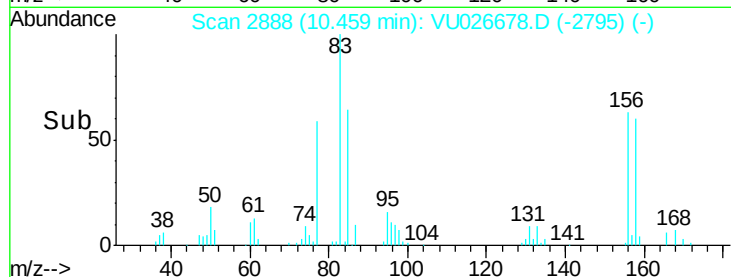
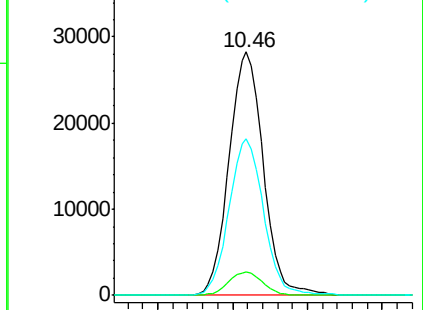
85 64.7 32.3 96.9



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: 23.89 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026678.D

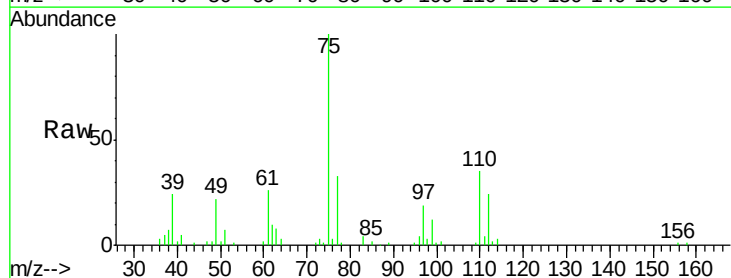
Acq: 11 Sep 2018 11:20

Tgt Ion: 75 Resp: 50032

Ion Ratio Lower Upper

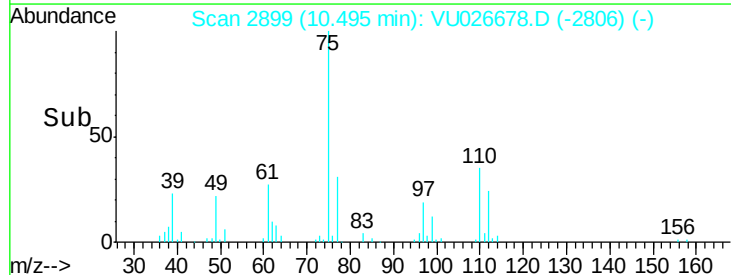
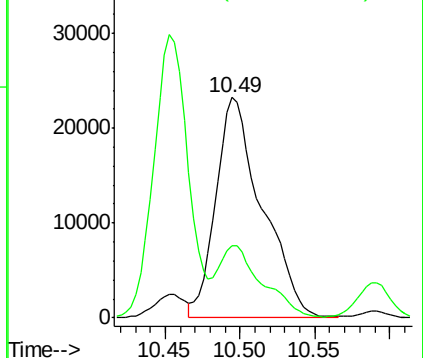
75 100

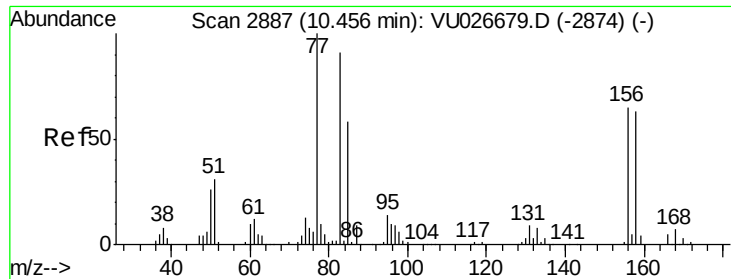
77 30.0 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.52 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

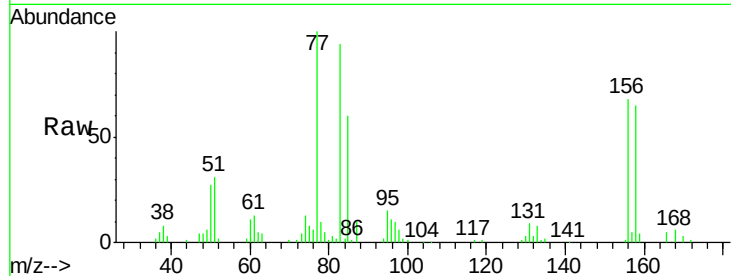
Tot Ion:156 Resp: 31286

Ion Ratio Lower Upper

156 100

77 151.9 77.6 232.9

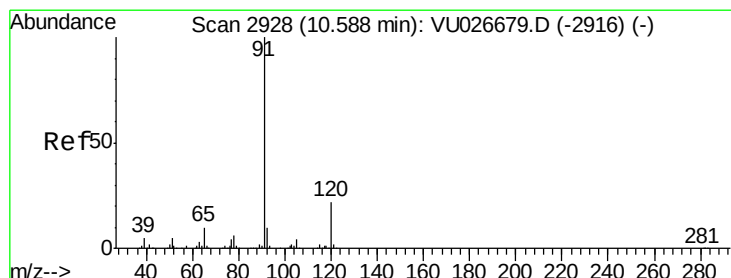
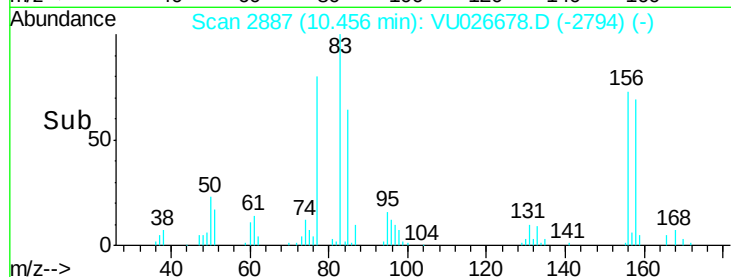
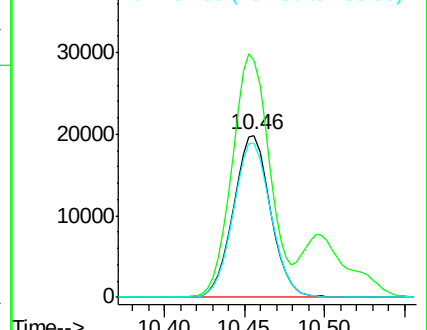
158 96.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.73 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026678.D

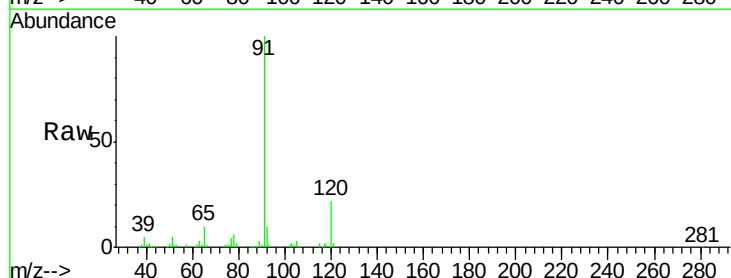
Acq: 11 Sep 2018 11:20

Tgt Ion: 91 Resp: 135284

Ion Ratio Lower Upper

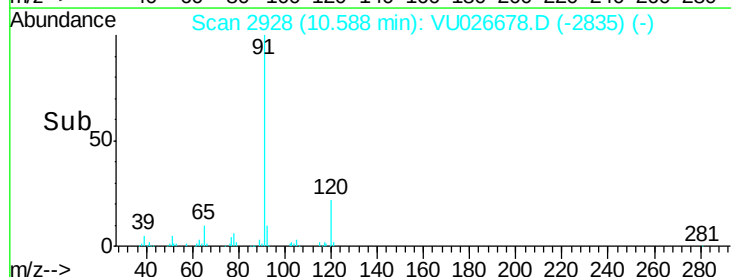
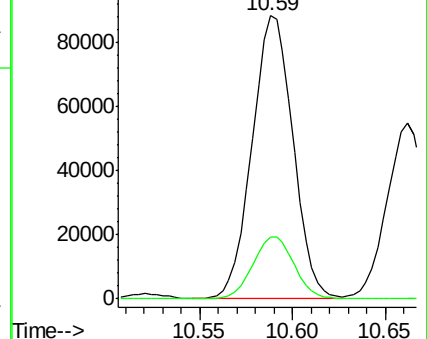
91 100

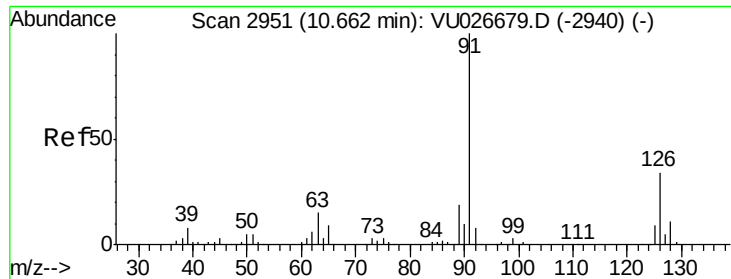
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

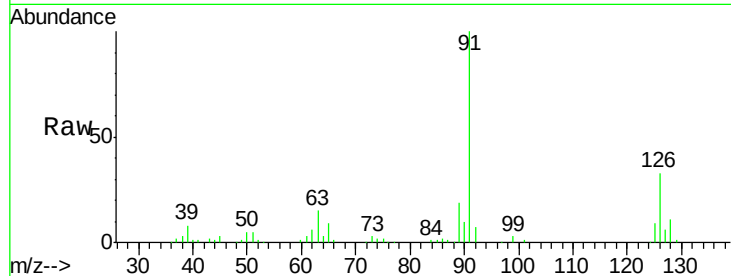
ClientSampled :

Tot Ion: 91 Resp: 83845

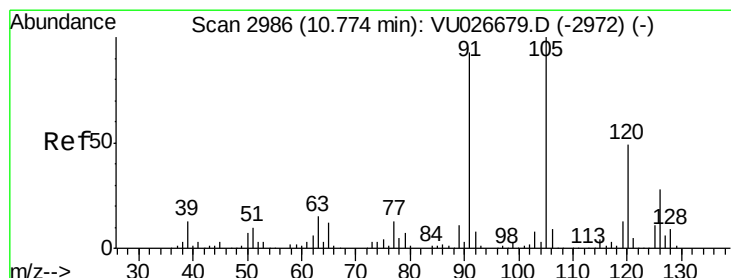
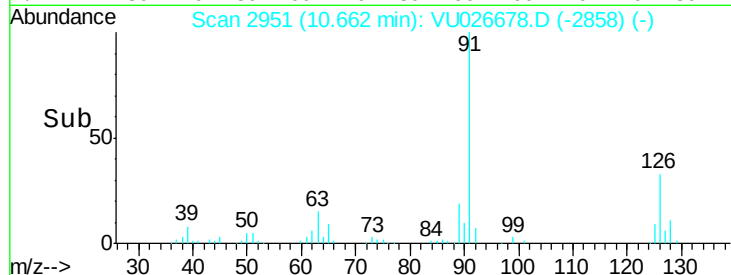
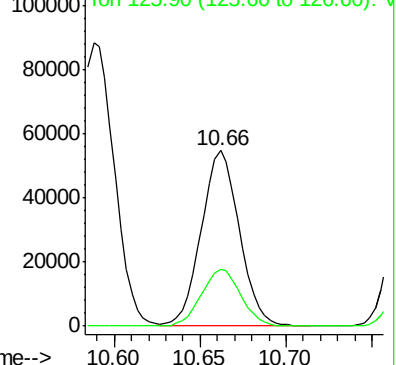
Ion Ratio Lower Upper

91 100

126 33.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VU026678.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.91 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026678.D

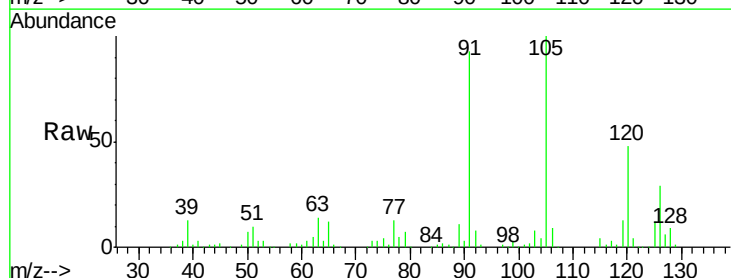
Acq: 11 Sep 2018 11:20

Tgt Ion:105 Resp: 98594

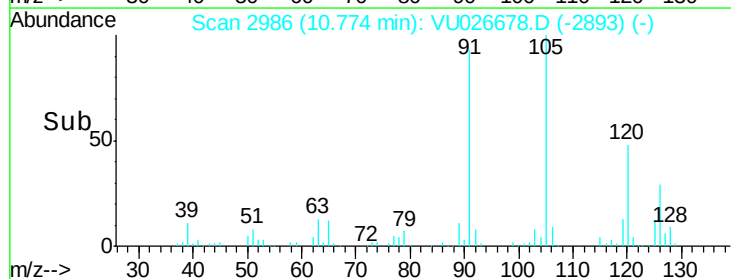
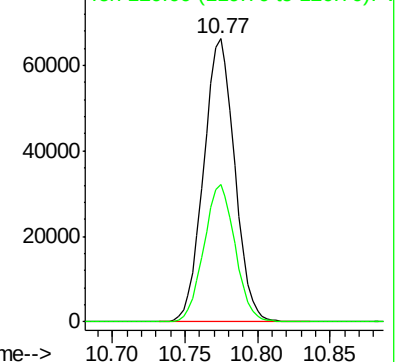
Ion Ratio Lower Upper

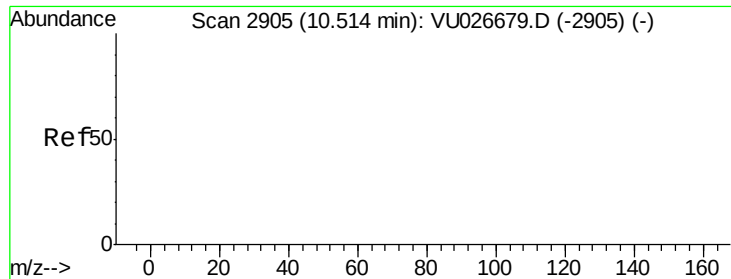
105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VU026678.D (-2972) (-)

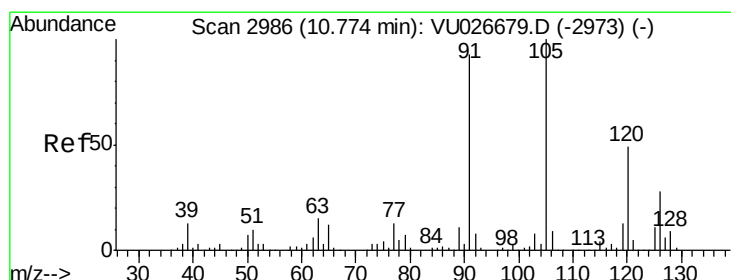
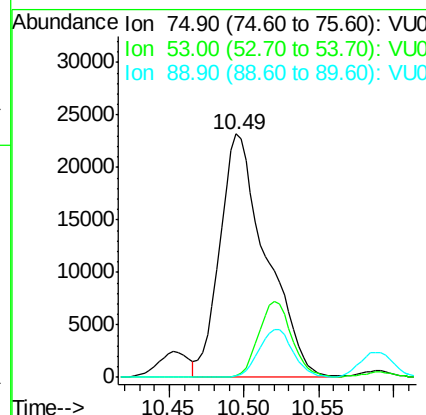
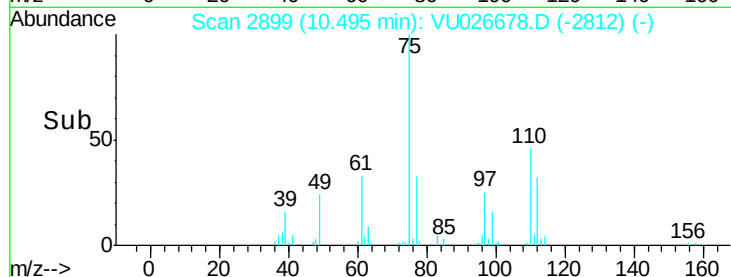
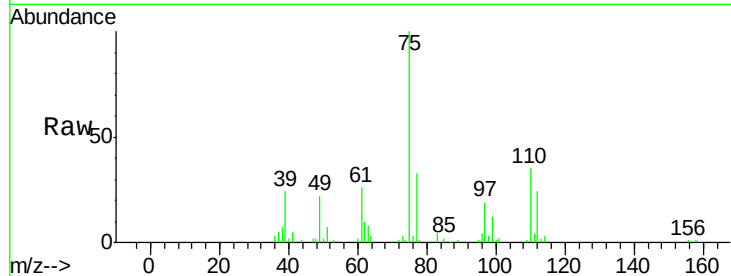




#81
trans-1,4-Dichloro-2-butene
Concen: 53.40 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

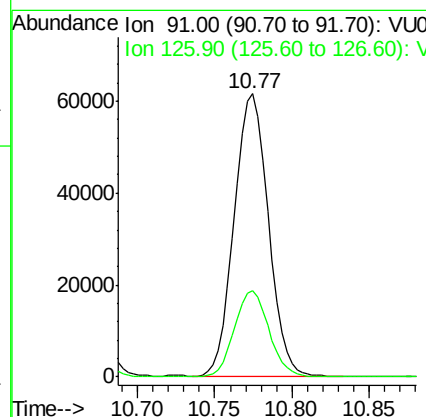
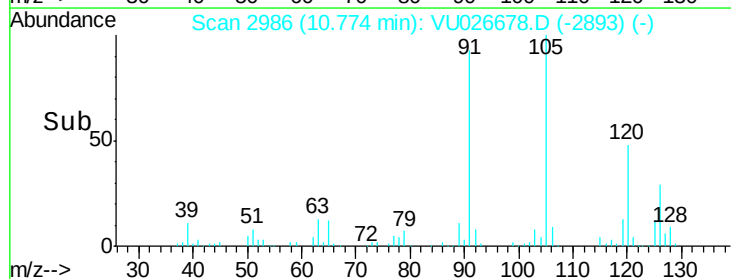
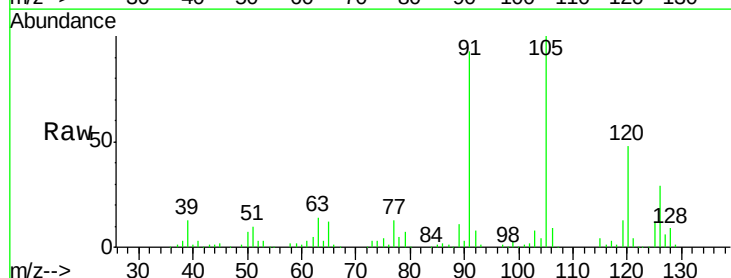
Instrument :
MSVOA_U
ClientSampleId :

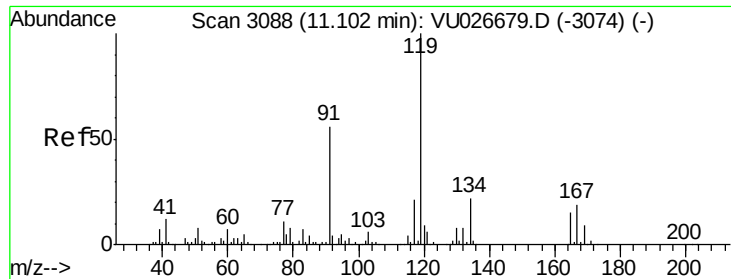
Tot Ion: 75 Resp: 50032
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.75 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion: 91 Resp: 94325
Ion Ratio Lower Upper
91 100
126 30.7 15.2 45.5

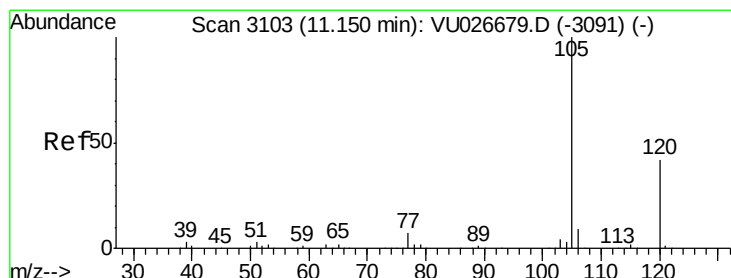
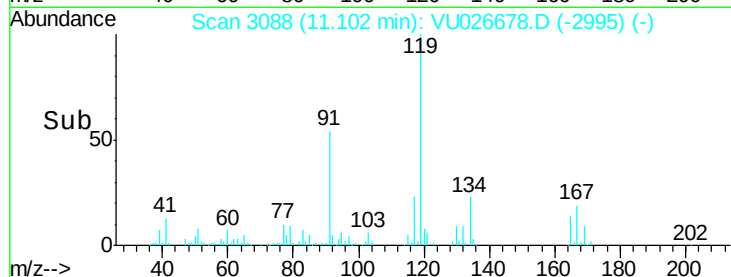
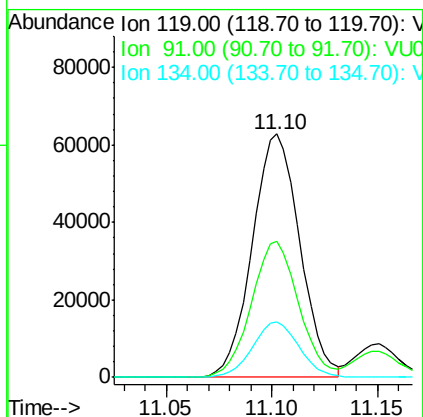
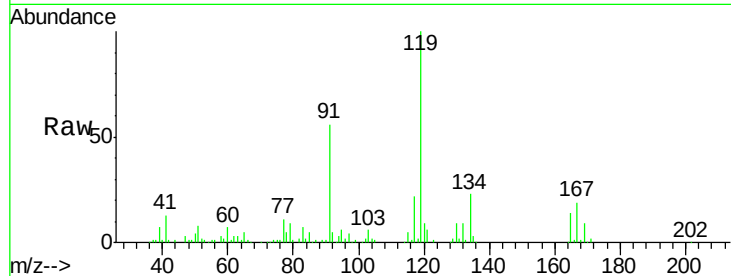




#83
 tert-Butylbenzene
 Concen: 20.60 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

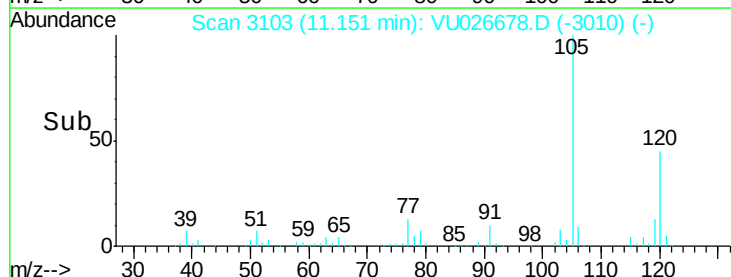
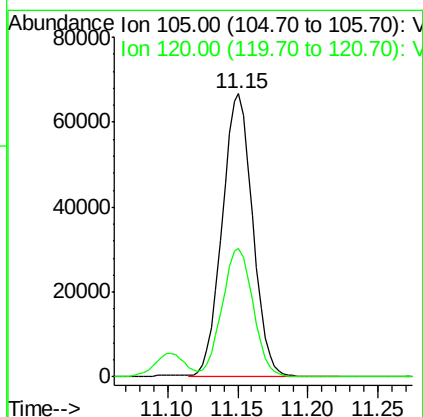
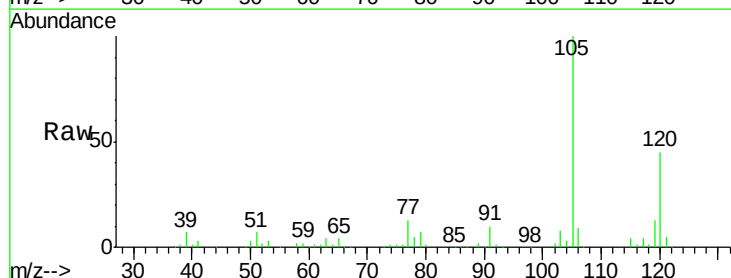
Instrument :
 MSVOA_U
 ClientSampleId :

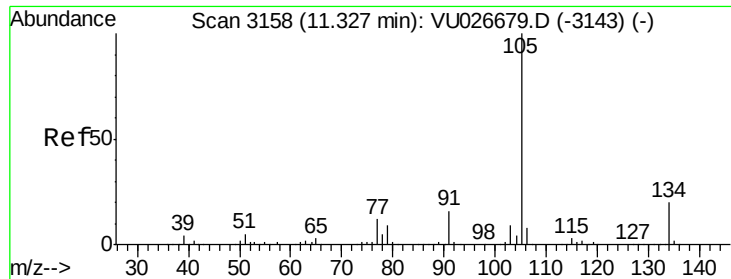
Tot Ion:119 Resp: 98586
 Ion Ratio Lower Upper
 119 100
 91 55.8 28.3 85.0
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.19 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion:105 Resp: 100792
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.80 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

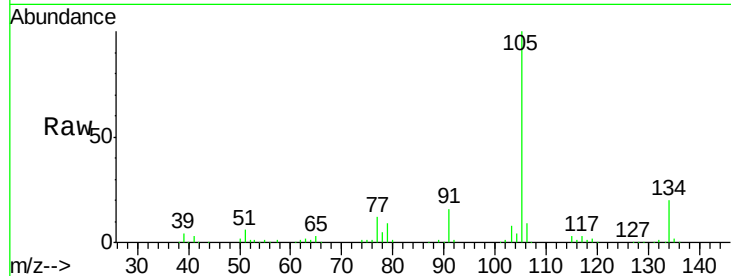
ClientSampleId :

Tot Ion:105 Resp: 118230

Ion Ratio Lower Upper

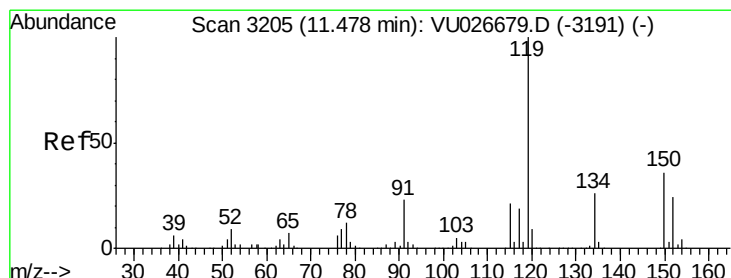
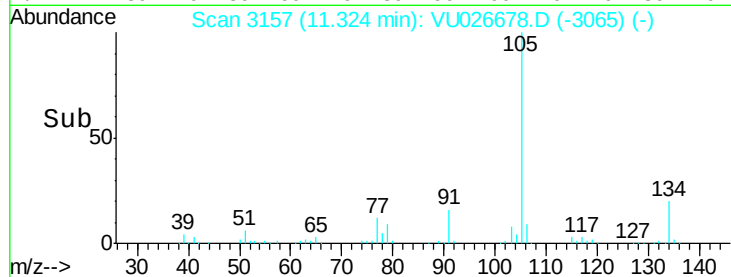
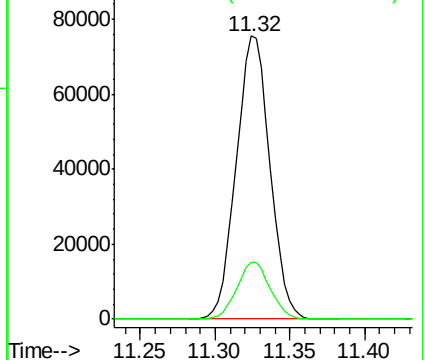
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.70 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

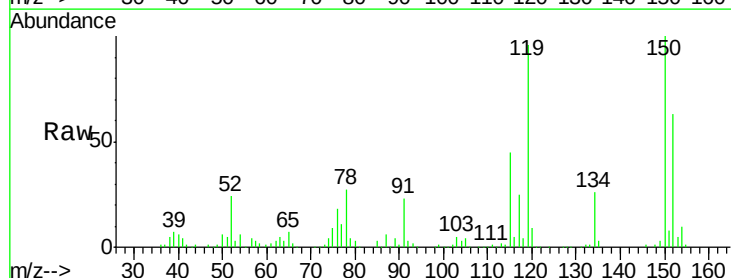
Tgt Ion:119 Resp: 102574

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

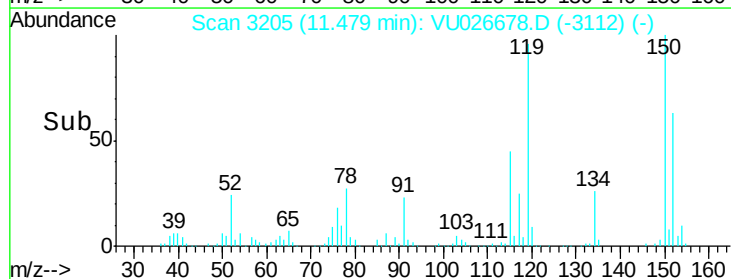
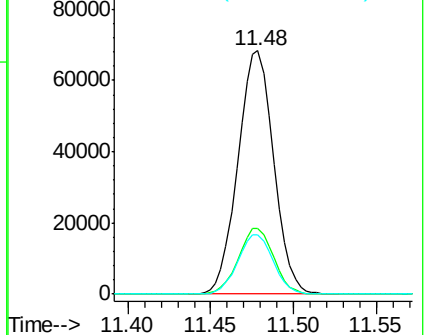
91 24.1 11.6 34.8

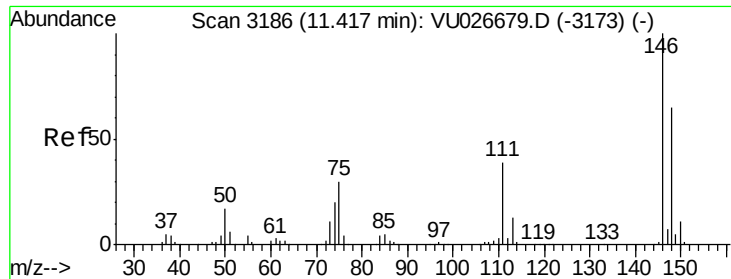


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

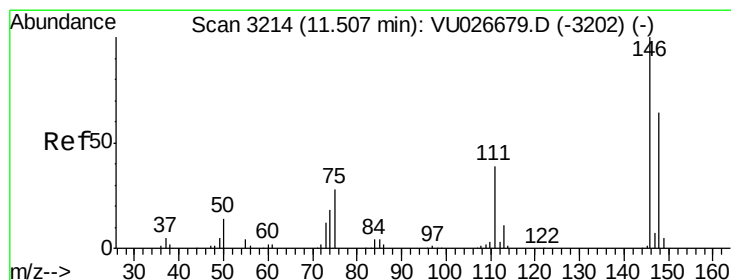
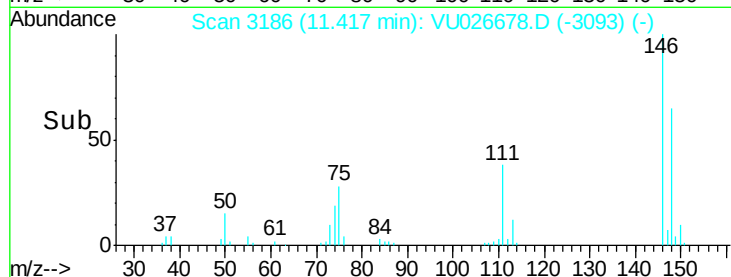
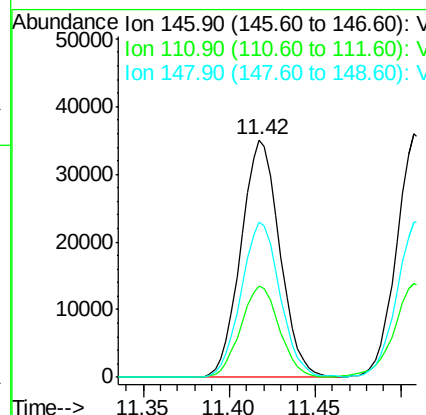
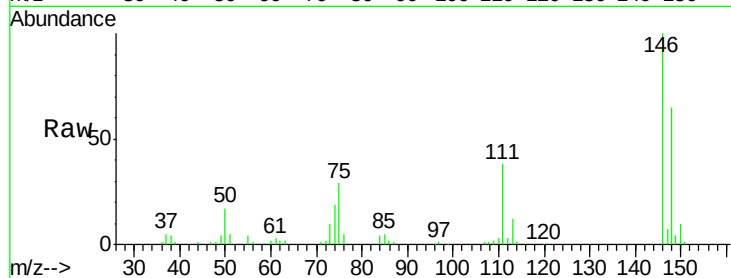




#87
 1,3-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

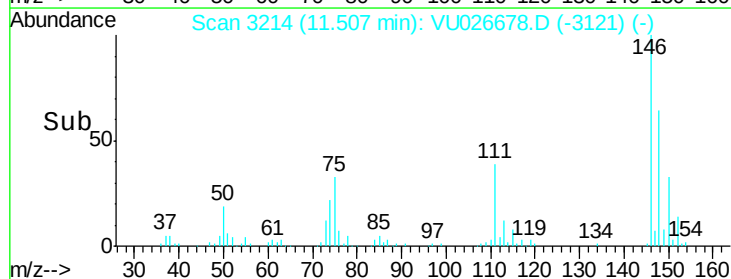
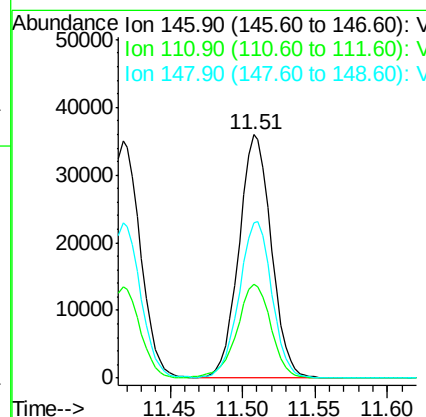
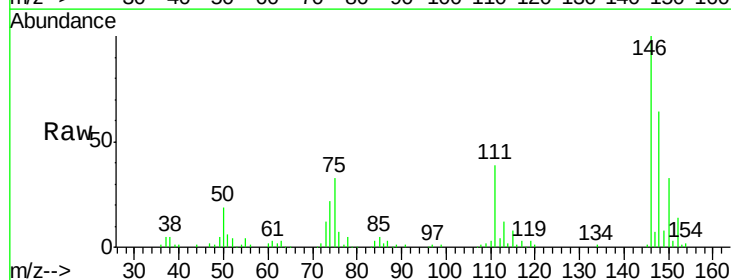
Instrument :
 MSVOA_U
 ClientSampled :

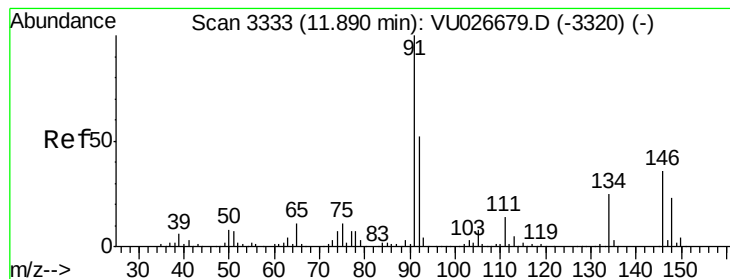
Tot Ion:146 Resp: 54854
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.7 59.1
 148 65.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion:146 Resp: 55909
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.2 57.6
 148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 20.05 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU026678.D

Acq: 11 Sep 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

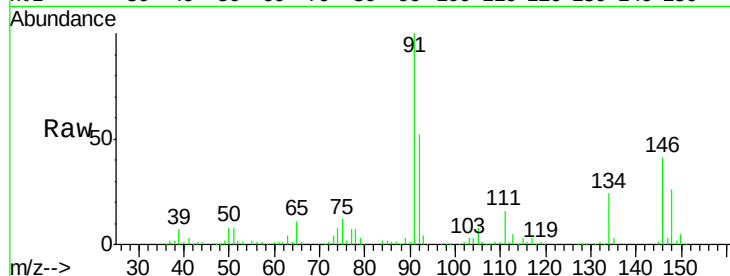
Tot Ion: 91 Resp: 87077

Ion Ratio Lower Upper

91 100

92 52.0 25.8 77.3

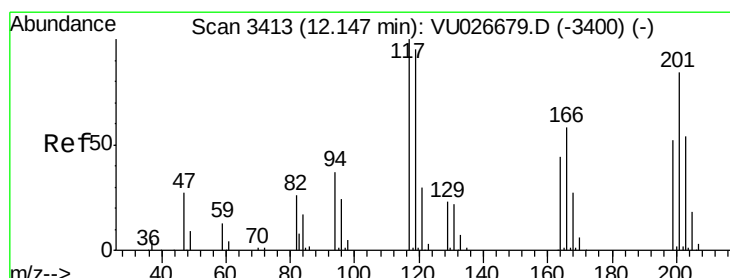
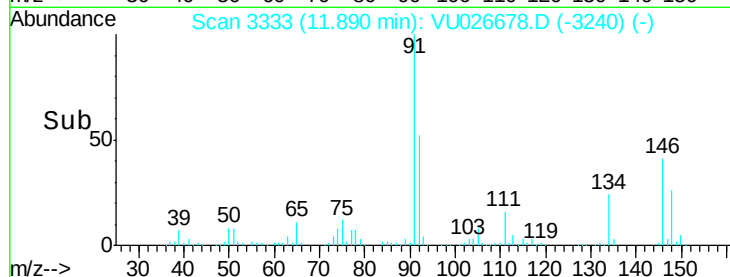
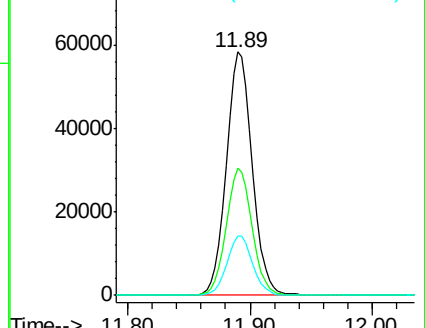
134 24.2 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU026679.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026679.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026679.D (-3320) (-)



#90

Hexachloroethane

Concen: 19.58 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU026678.D

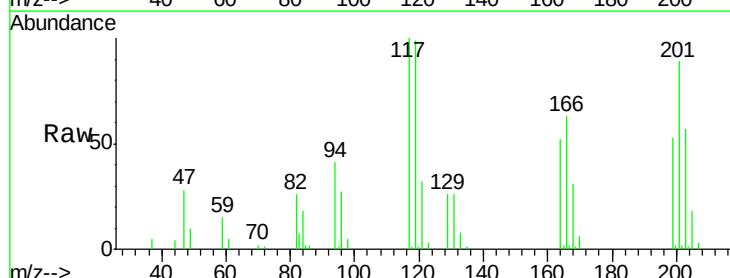
Acq: 11 Sep 2018 11:20

Tgt Ion: 117 Resp: 19639

Ion Ratio Lower Upper

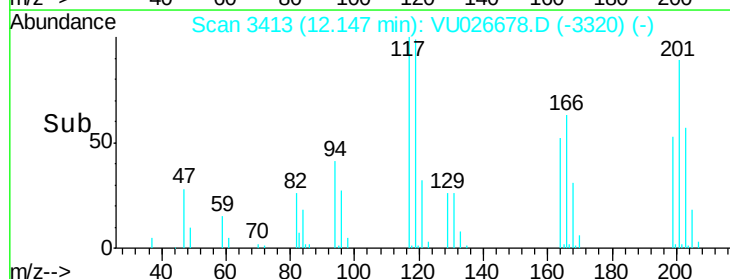
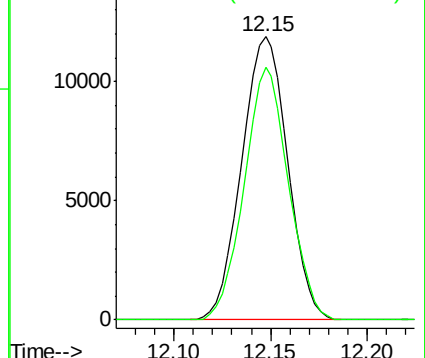
117 100

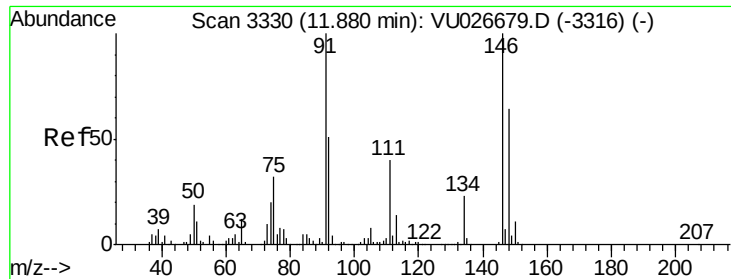
201 85.6 42.4 127.1



Abundance Ion 116.80 (116.50 to 117.50): VU026679.D (-3400) (-)

Ion 200.70 (200.40 to 201.40): VU026679.D (-3400) (-)

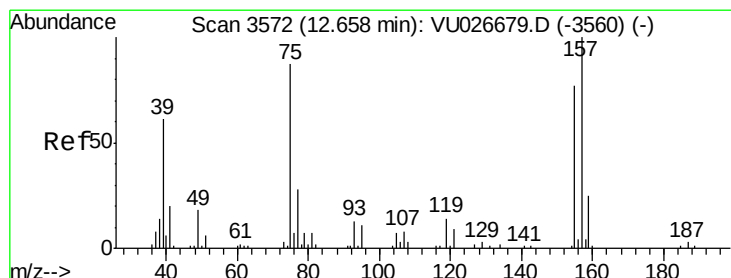
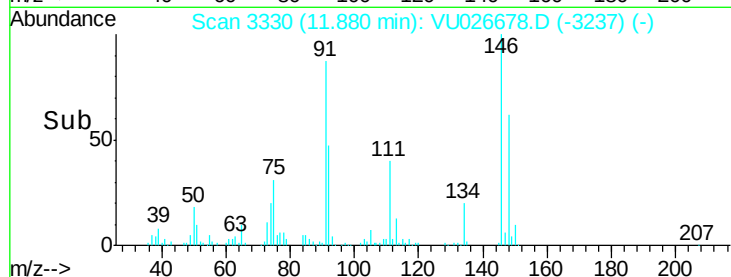
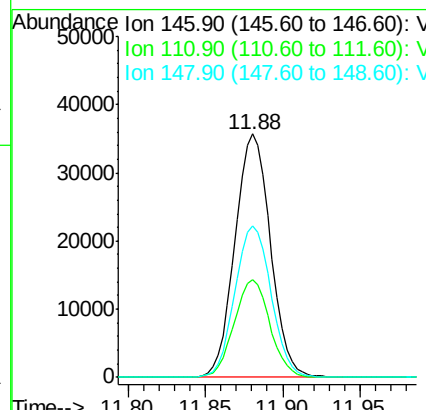
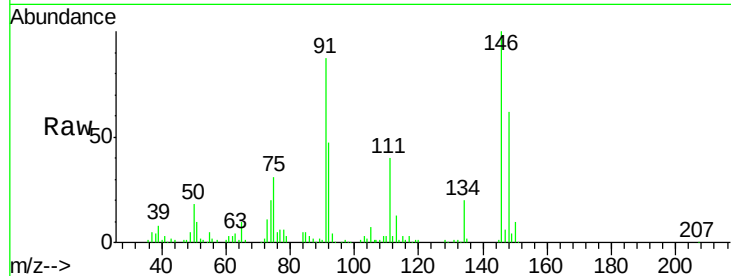




#91
 1,2-Dichlorobenzene
 Concen: 19.85 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

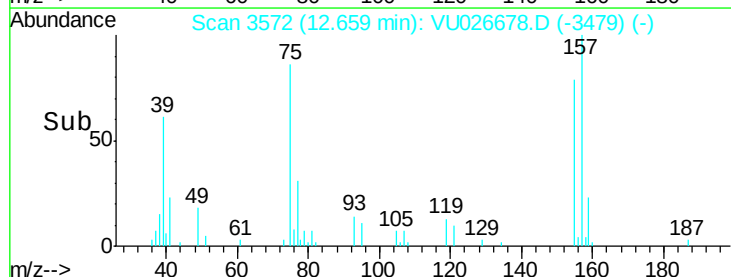
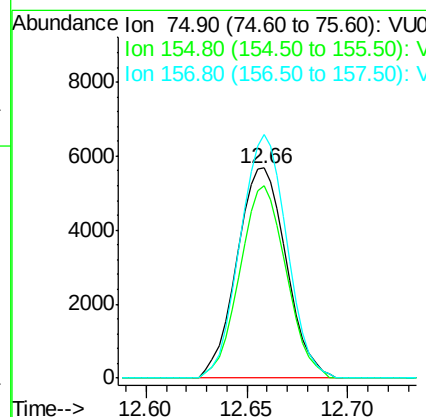
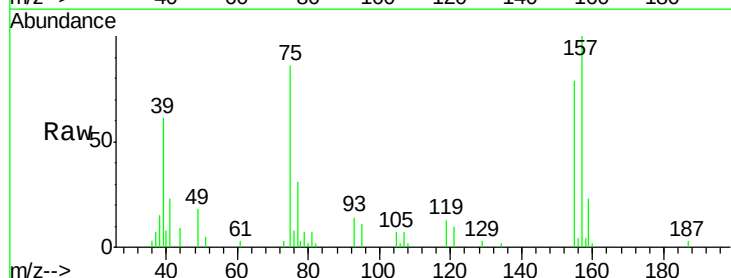
Instrument :
 MSVOA_U
 ClientSampled :

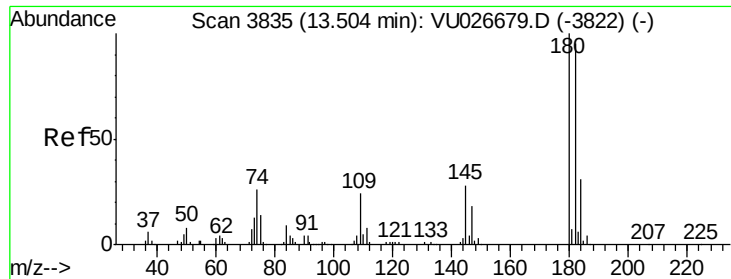
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.19 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	44.1	132.4
157	109.5	57.2	171.6

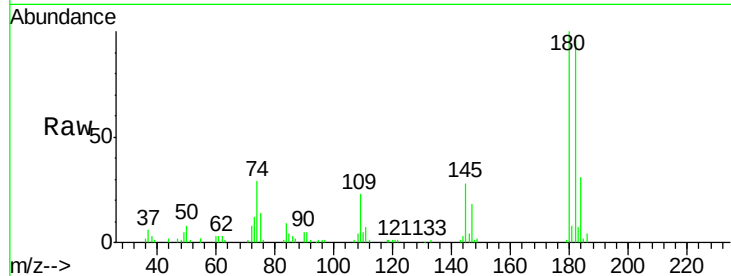




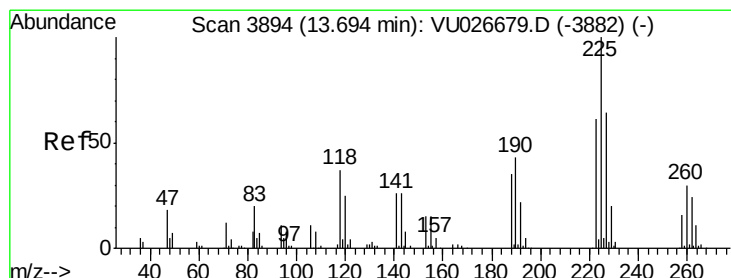
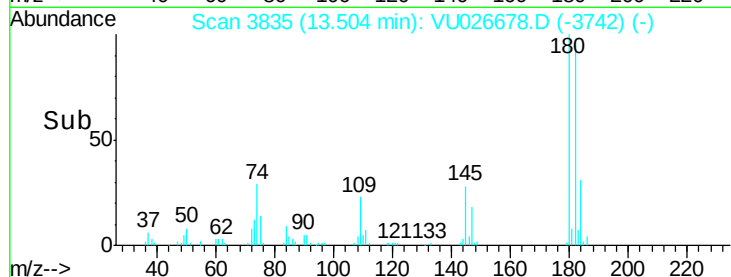
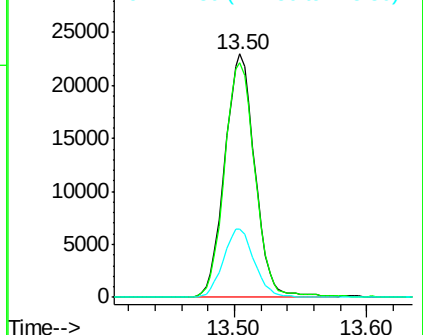
#93
 1,2,4-Trichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 36315
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.9 143.7
 145 28.6 14.0 42.0

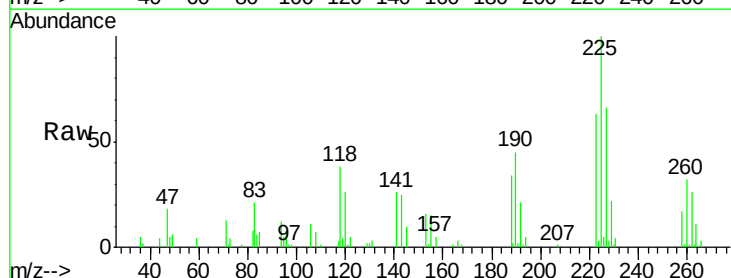


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

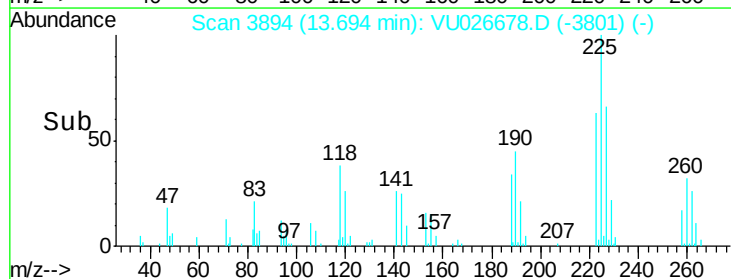
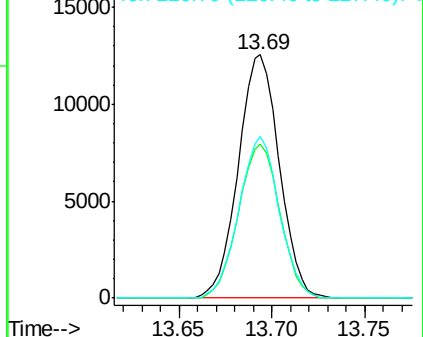


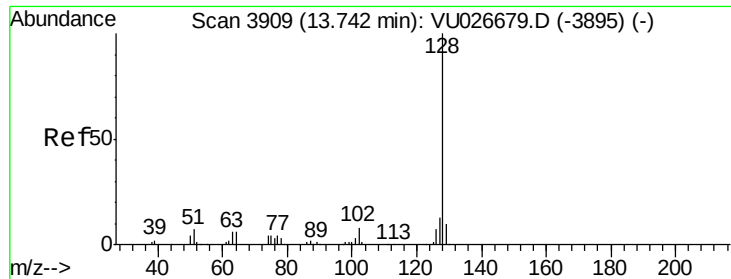
#94
 Hexachlorobutadiene
 Concen: 19.75 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026678.D
 Acq: 11 Sep 2018 11:20

Tgt Ion:225 Resp: 19304
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.6 92.0
 227 65.2 32.1 96.3



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

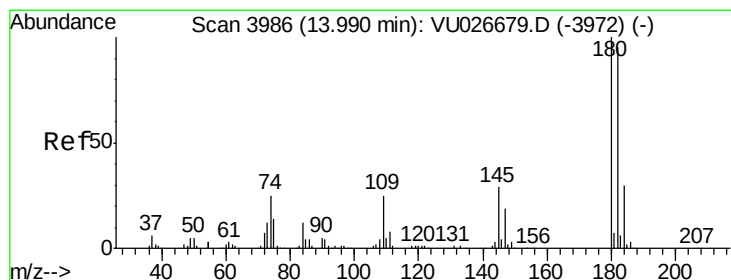
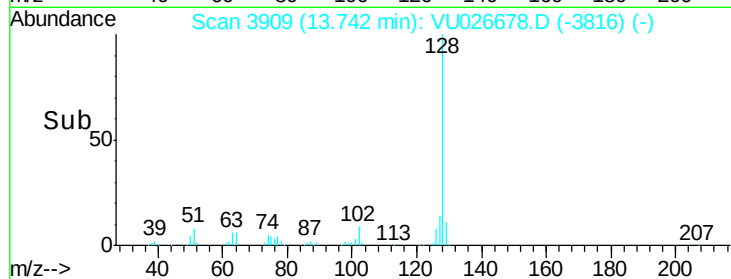
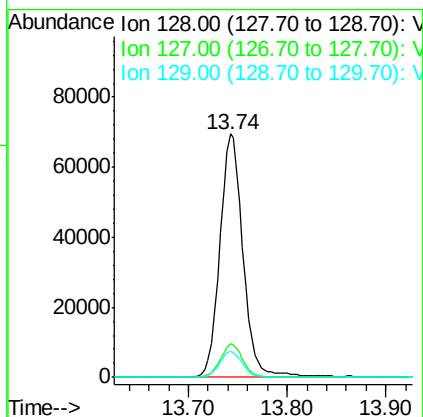
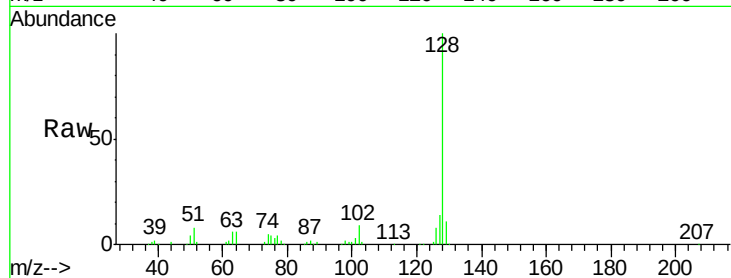




#95
Naphthalene
Concen: 19.99 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 115096
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.13 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU026678.D
Acq: 11 Sep 2018 11:20

Tgt Ion:180 Resp: 39949
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 29.5 14.9 44.9

