

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026679.D
 Acq On : 11 Sep 2018 11:43
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 12 04:54:20 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	103973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159121	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78320	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	4.88	113	64004	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	7.57	98	239969	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	10.31	95	86449	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55609	49.50	ug/l	100
3) Chloromethane	1.33	50	75310	47.99	ug/l	100
4) Vinyl Chloride	1.40	62	81937	50.38	ug/l	100
5) Bromomethane	1.61	94	47478	46.61	ug/l	100
6) Chloroethane	1.69	64	51161	49.43	ug/l	100
7) Trichlorofluoromethane	1.88	101	106562	50.12	ug/l	100
8) Diethyl Ether	2.10	74	45907	49.27	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	62476	49.48	ug/l	100
10) Methyl Iodide	2.41	142	49740	52.28	ug/l	100
11) Tert butyl alcohol	2.83	59	91318	237.53	ug/l	100
12) 1,1-Dichloroethene	2.28	96	58869	49.32	ug/l	100
13) Acrolein	2.19	56	62814	242.45	ug/l	100
14) Allyl chloride	2.59	41	103350	48.07	ug/l	100
15) Acrylonitrile	2.94	53	213603	259.08	ug/l	100
16) Acetone	2.32	43	210215	235.41	ug/l	100
17) Carbon Disulfide	2.48	76	183445	48.30	ug/l	100
18) Methyl Acetate	2.61	43	97869	50.80	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	206498	50.24	ug/l	100
20) Methylene Chloride	2.70	84	71150	49.12	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	63335	50.37	ug/l	100
22) Diisopropyl ether	3.57	45	234212	52.20	ug/l	100
23) Vinyl Acetate	3.53	43	1006614	264.10	ug/l	100
24) 1,1-Dichloroethane	3.45	63	128376	50.72	ug/l	100
25) 2-Butanone	4.26	43	306301	254.64	ug/l	100
26) 2,2-Dichloropropane	4.23	77	104661	50.31	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	73848	50.95	ug/l	100
28) Bromochloromethane	4.55	49	62246	51.43	ug/l	100
29) Tetrahydrofuran	4.64	42	187239	258.19	ug/l	100
30) Chloroform	4.67	83	123828	49.75	ug/l	100
31) Cyclohexane	5.00	56	115551	44.11	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	105862	51.37	ug/l	100
36) 1,1-Dichloropropene	5.14	75	91841	51.41	ug/l	100
37) Ethyl Acetate	4.38	43	108371	50.44	ug/l	100
38) Carbon Tetrachloride	5.14	117	94889	50.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	111798	52.71	ug/l	100
40) Benzene	5.39	78	284624	51.30	ug/l	100
41) Methacrylonitrile	4.54	41	59688	53.53	ug/l	100
42) 1,2-Dichloroethane	5.41	62	100357	50.73	ug/l	100
43) Isopropyl Acetate	5.55	43	171482	52.42	ug/l	100
44) Trichloroethene	6.19	130	69537	50.64	ug/l	100
45) 1,2-Dichloropropane	6.43	63	78231	51.87	ug/l	100
46) Dibromomethane	6.56	93	51137	52.54	ug/l	100
47) Bromodichloromethane	6.76	83	99111	51.71	ug/l	100
48) Methyl methacrylate	6.62	41	86859	53.81	ug/l	100
49) 1,4-Dioxane	6.61	88	40958	1094.72	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	567836	259.52	ug/l	100
52) Toluene	7.64	92	173056	52.36	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	111430	52.42	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	119140	52.19	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	72415	51.14	ug/l	100
56) Ethyl methacrylate	8.02	69	111177	53.77	ug/l	100
57) 1,3-Dichloropropane	8.24	76	124340	51.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	277605	272.37	ug/l	100
59) 2-Hexanone	8.36	43	449906	261.27	ug/l	100
60) Dibromochloromethane	8.48	129	79961	52.14	ug/l	100
61) 1,2-Dibromoethane	8.59	107	77020	50.13	ug/l	100
64) Tetrachloroethene	8.23	164	61299	50.54	ug/l	100
65) Chlorobenzene	9.12	112	192465	50.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	70717	50.76	ug/l	100
67) Ethyl Benzene	9.25	91	329176	52.78	ug/l	100
68) m/p-Xylenes	9.38	106	258523	108.96	ug/l	100
69) o-Xylene	9.78	106	125502	54.30	ug/l	100
70) Styrene	9.79	104	209161	55.28	ug/l	100
71) Bromoform	9.96	173	62897	51.91	ug/l	# 100
73) Isopropylbenzene	10.17	105	334170	52.14	ug/l	100
74) N-amyl acetate	10.02	43	159010	52.55	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	123907	47.44	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	142531	59.58	ug/l	81
77) Bromobenzene	10.46	156	85821	49.27	ug/l	100
78) n-propylbenzene	10.59	91	398849	53.51	ug/l	100
79) 2-Chlorotoluene	10.66	91	233917	50.62	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	285855	53.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	142531	133.19	ug/l	# 100
82) 4-Chlorotoluene	10.77	91	271250	52.25	ug/l	100
83) tert-Butylbenzene	11.10	119	284021	51.95	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	289751	53.33	ug/l	100
85) sec-Butylbenzene	11.33	105	346755	53.41	ug/l	100
86) p-Isopropyltoluene	11.48	119	307610	54.34	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	157165	48.37	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	159797	47.35	ug/l	100
89) n-Butylbenzene	11.89	91	274942	55.43	ug/l	100
90) Hexachloroethane	12.15	117	57176	49.91	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	160044	48.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27148	51.84	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 04:37:08 2018
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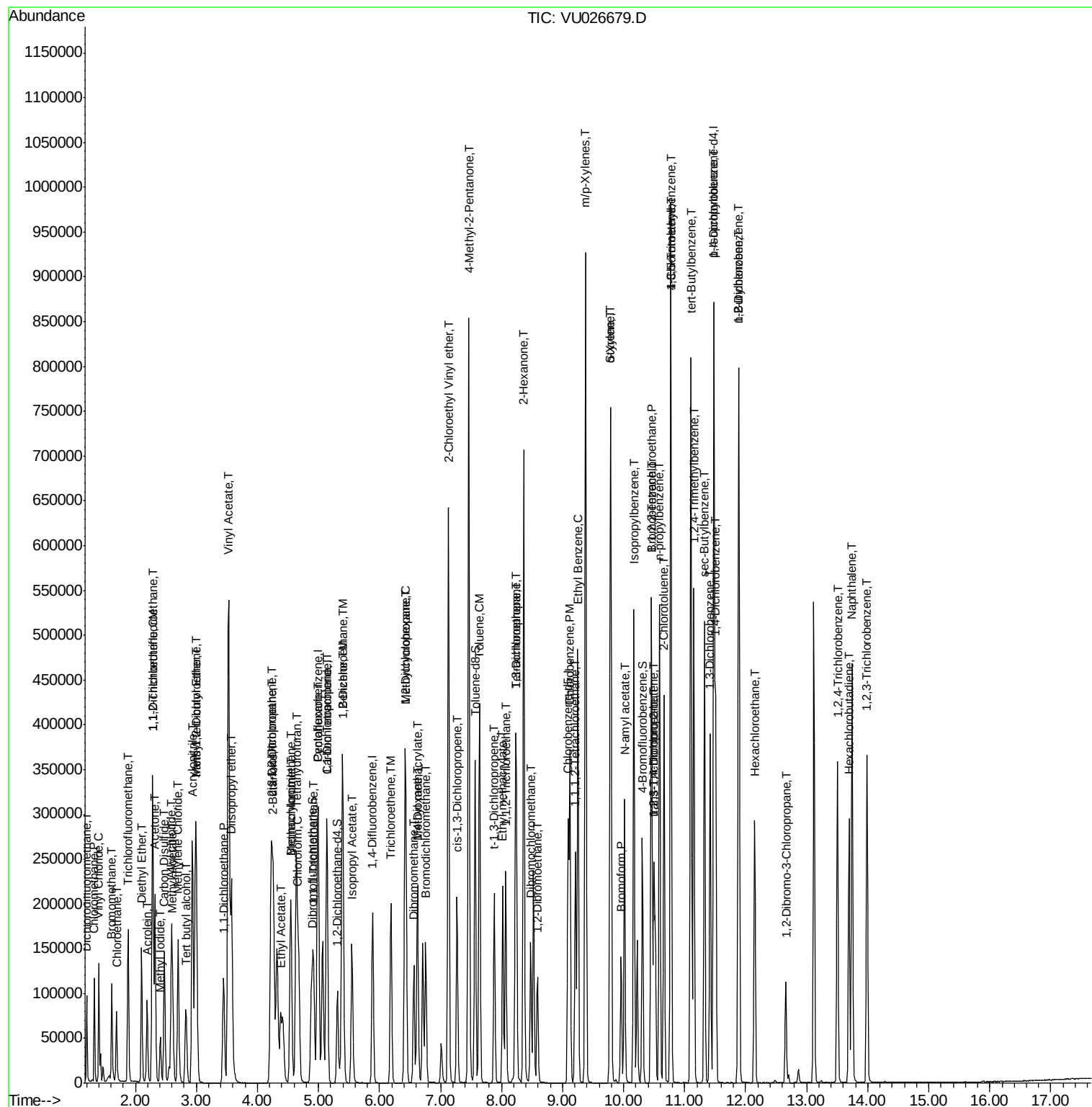
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	113094	52.10	ug/l	100
94) Hexachlorobutadiene	13.69	225	56774	50.84	ug/l	100
95) Naphthalene	13.74	128	365044	55.52	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	117938	52.02	ug/l	100

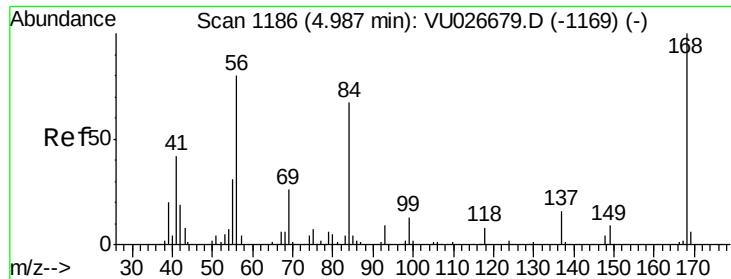
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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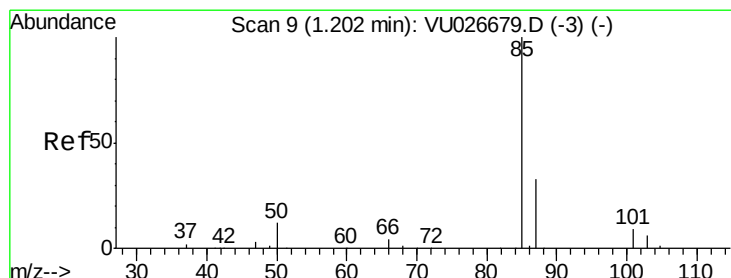
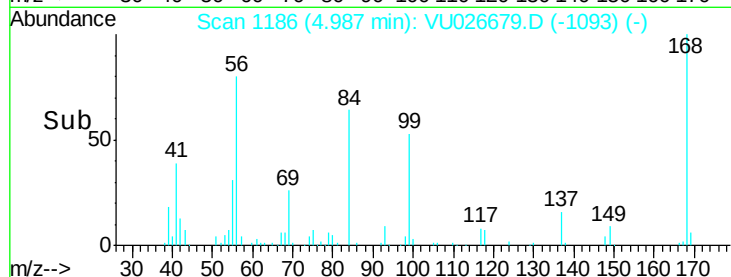
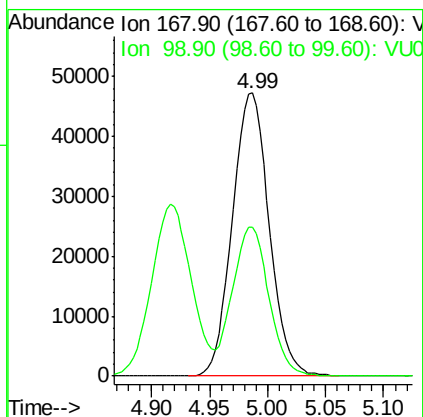
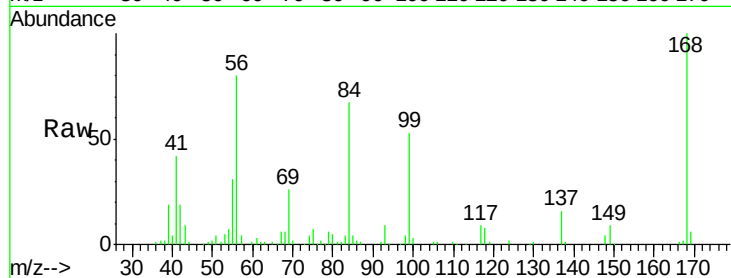




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026679.D
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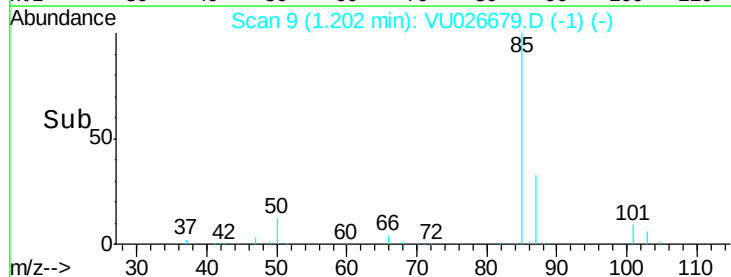
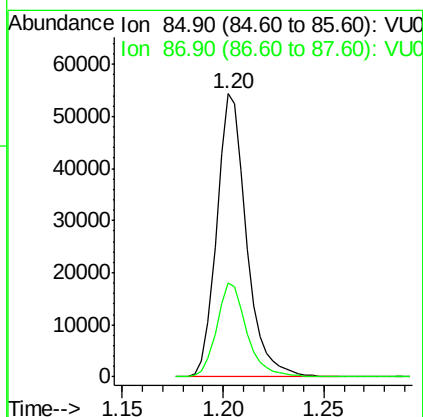
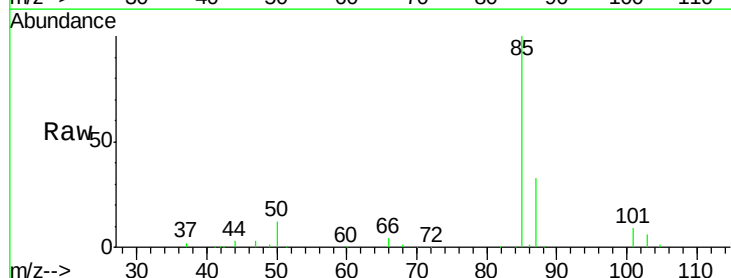
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

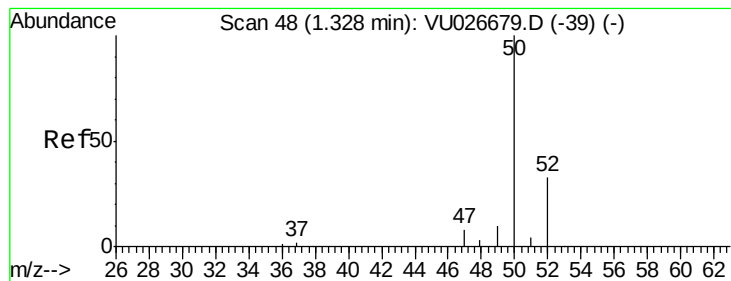
Tot Ion:168 Resp: 103973
Ion Ratio Lower Upper
168 100
99 52.5 42.0 63.0



#2
Dichlorodifluoromethane
Concen: 49.50 ug/l
RT: 1.20 min Scan# 9
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 85 Resp: 55609
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





#3

Chloromethane

Concen: 47.99 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

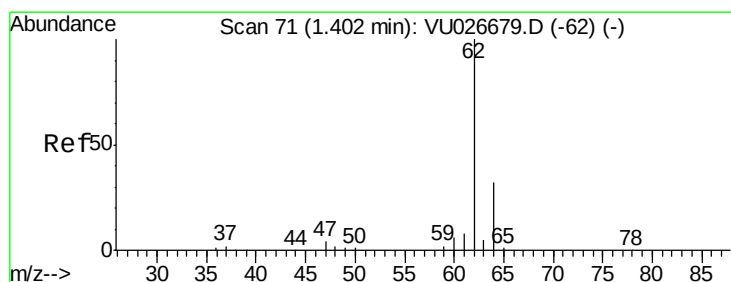
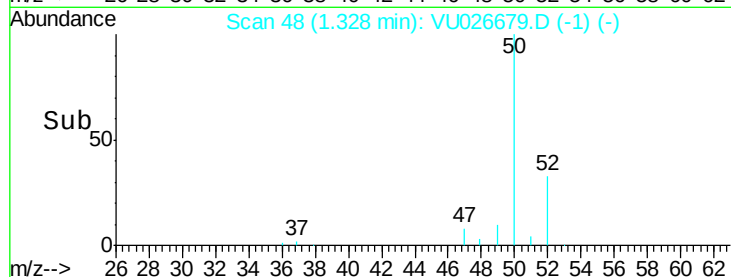
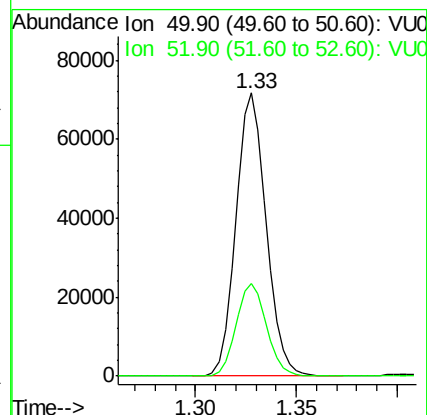
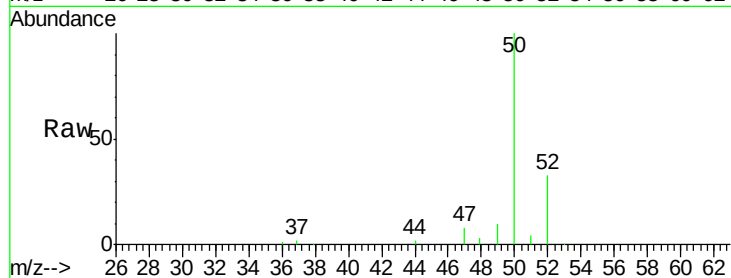
VSTDICCC050

Tot Ion: 50 Resp: 75310

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 50.38 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026679.D

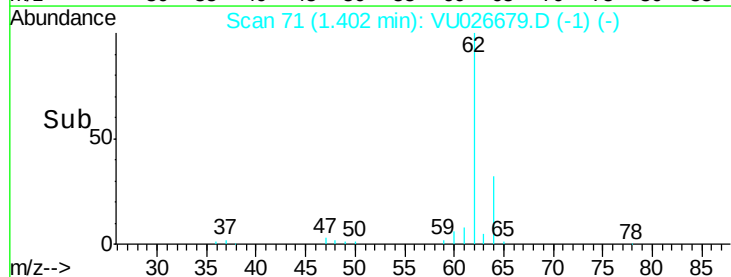
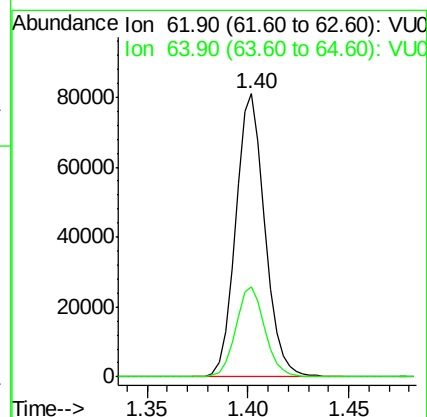
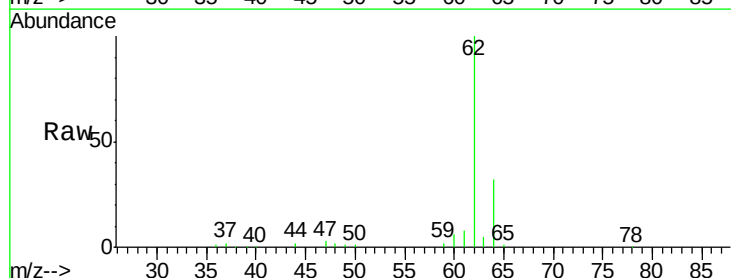
Acq: 11 Sep 2018 11:43

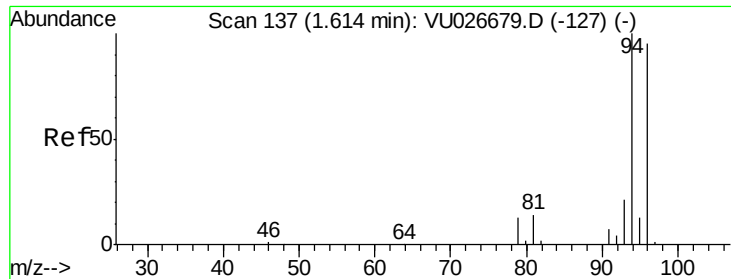
Tgt Ion: 62 Resp: 81937

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4

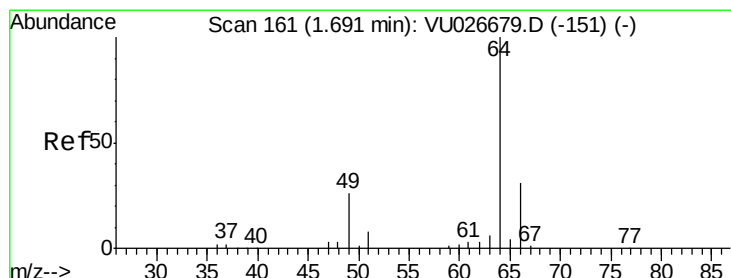
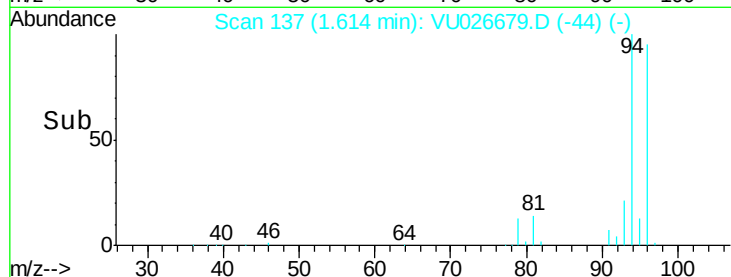
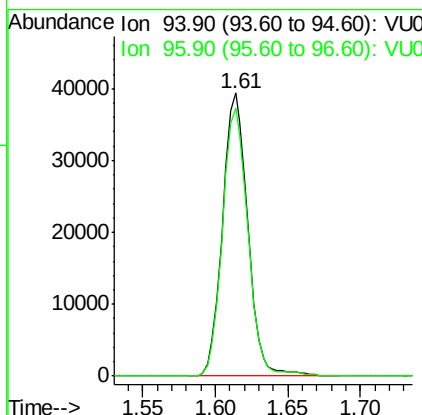
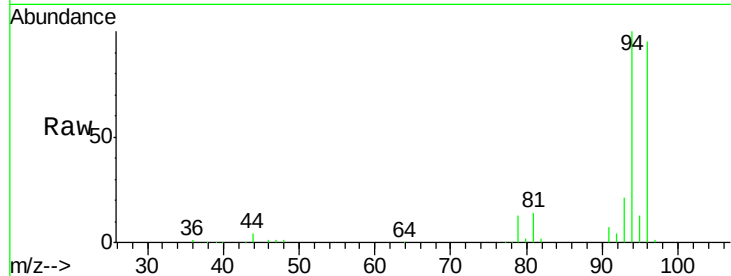




#5
Bromomethane
Concen: 46.61 ug/l
RT: 1.61 min Scan# 137
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

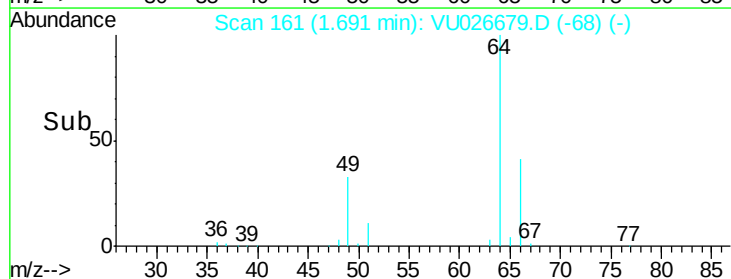
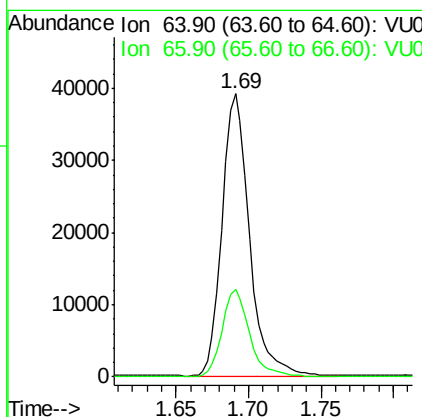
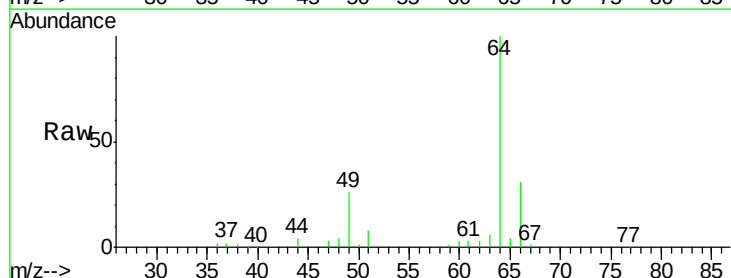
Instrument :
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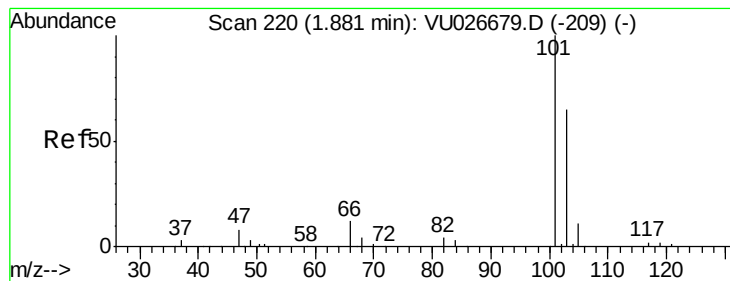
Tot Ion: 94 Resp: 47478
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 49.43 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 64 Resp: 51161
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1



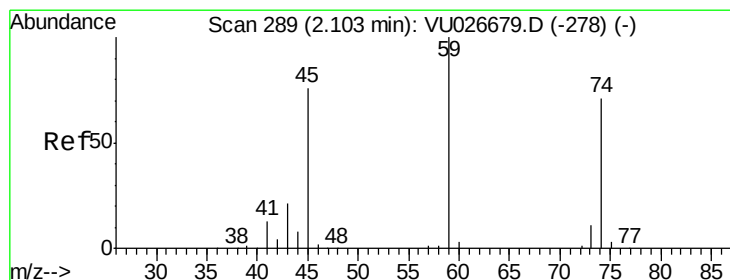
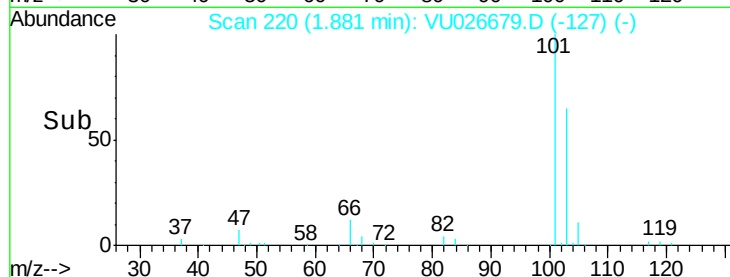
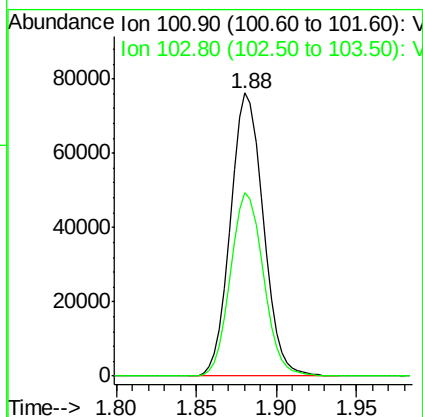
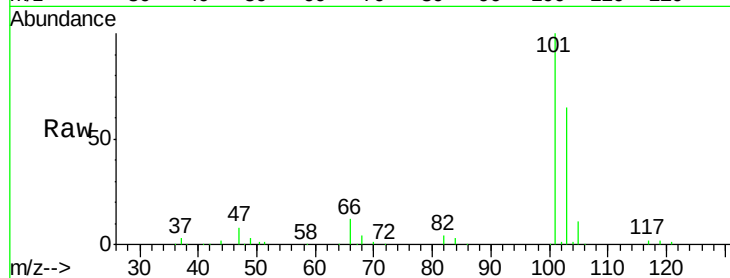


#7

Trichlorofluoromethane
Concen: 50.12 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

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VSTDICCC050

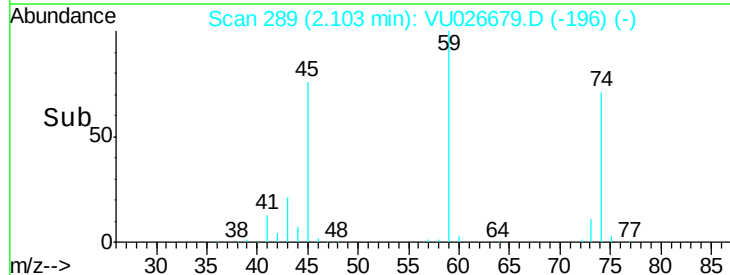
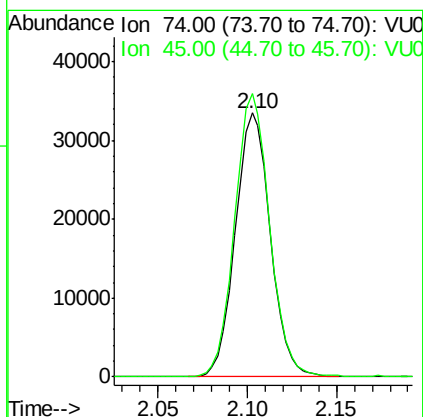
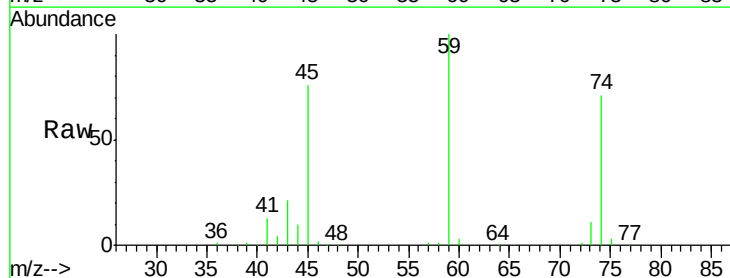
Tot Ion:101 Resp: 106562
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

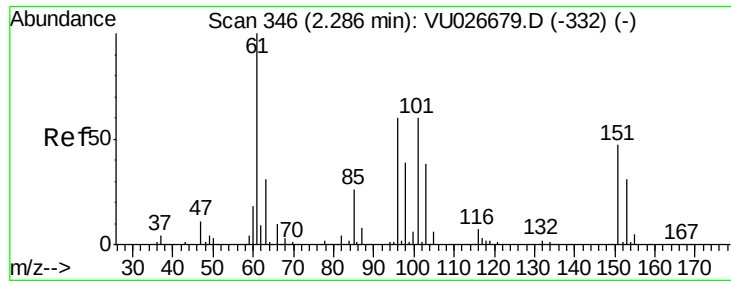


#8

Diethyl Ether
Concen: 49.27 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 74 Resp: 45907
Ion Ratio Lower Upper
74 100
45 107.2 53.6 160.8

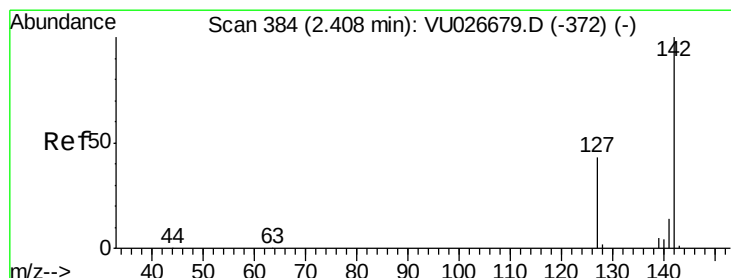
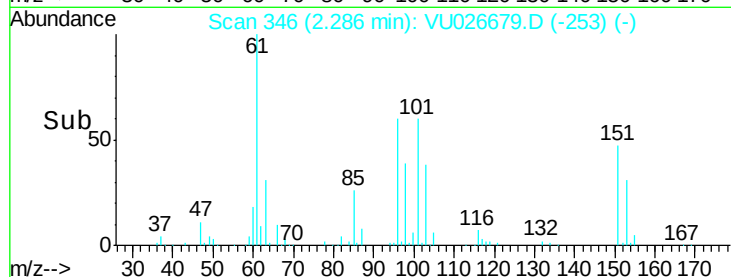
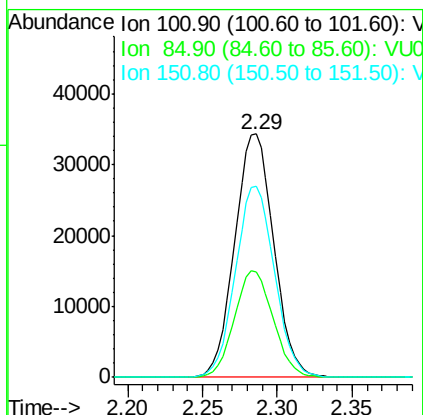
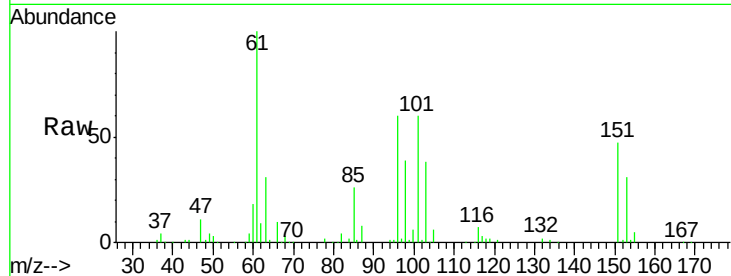




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.48 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
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 Acq: 11 Sep 2018 11:43

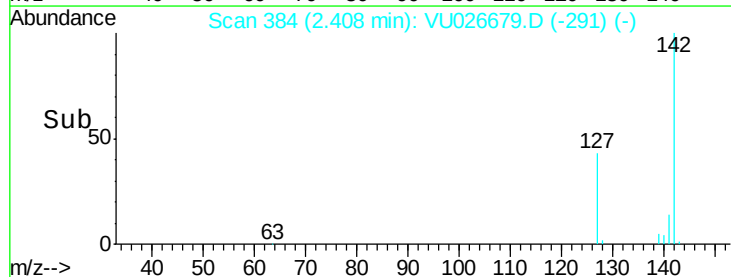
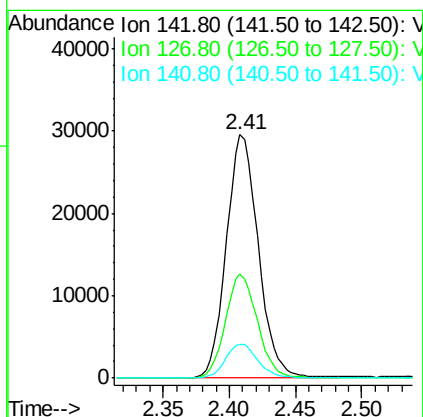
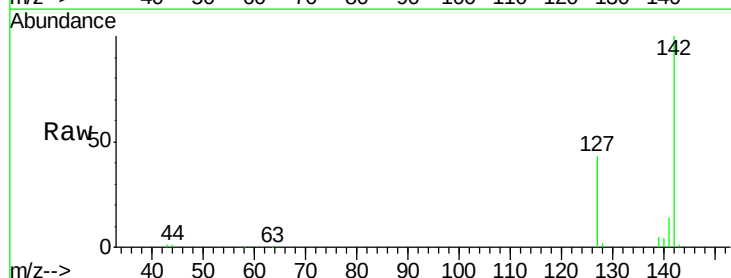
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

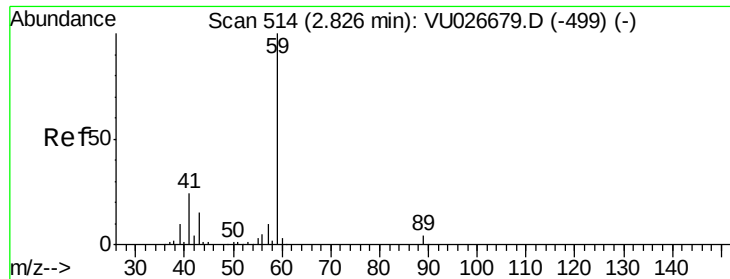
Tot Ion:101 Resp: 62476
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 52.0
 151 78.4 62.7 94.1



#10
 Methyl Iodide
 Concen: 52.28 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion:142 Resp: 49740
 Ion Ratio Lower Upper
 142 100
 127 42.6 34.1 51.1
 141 14.0 11.2 16.8

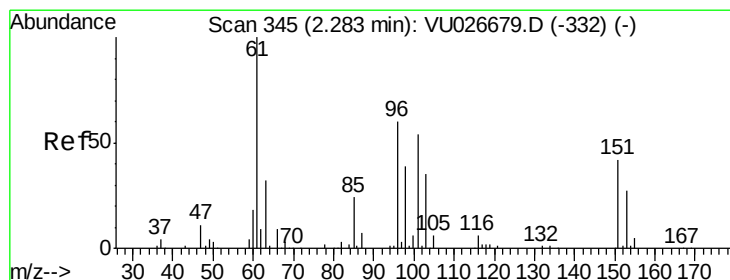
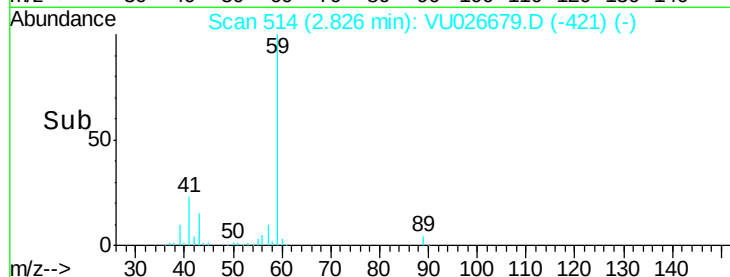
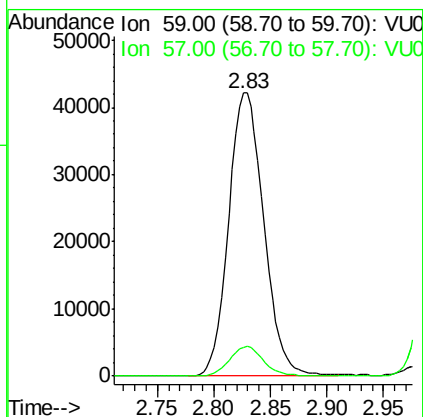
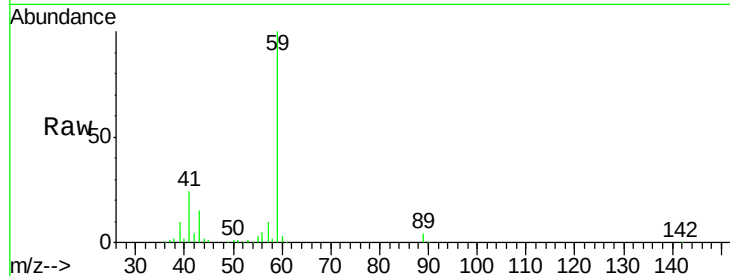




#11
Tert butyl alcohol
Concen: 237.53 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

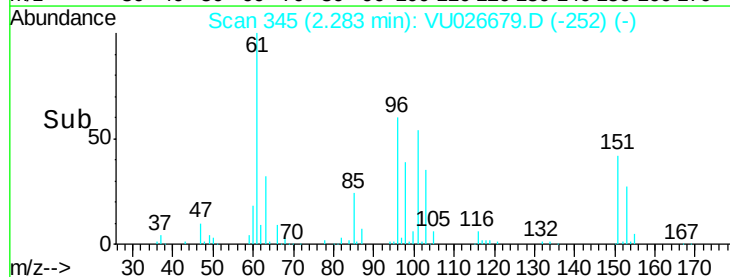
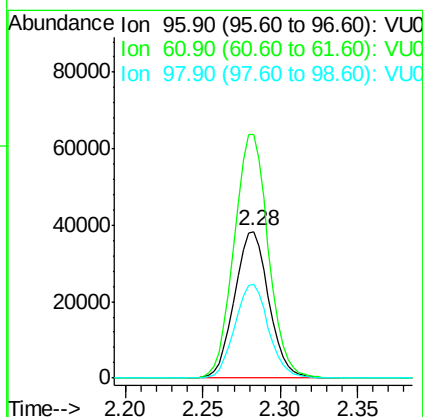
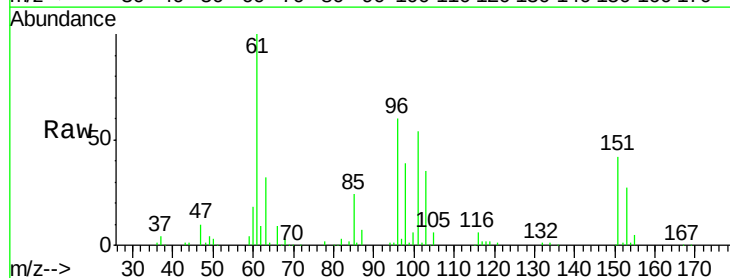
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

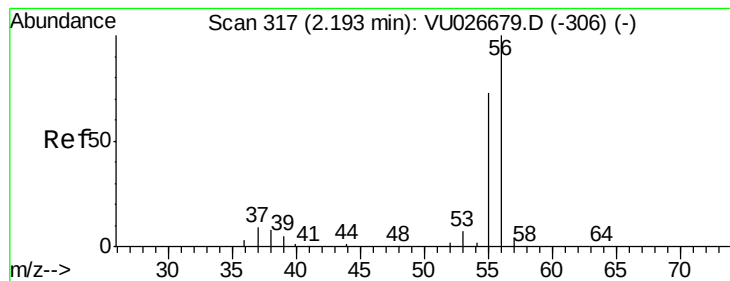
Tot Ion: 59 Resp: 91318
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.32 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 96 Resp: 58869
Ion Ratio Lower Upper
96 100
61 166.3 133.0 199.6
98 64.1 51.3 76.9





#13

Acrolein

Concen: 242.45 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

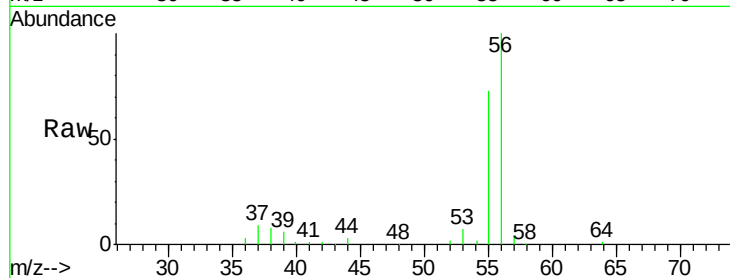
VSTDICCC050

Tot Ion: 56 Resp: 62814

Ion Ratio Lower Upper

56 100

55 71.8 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

40000

30000

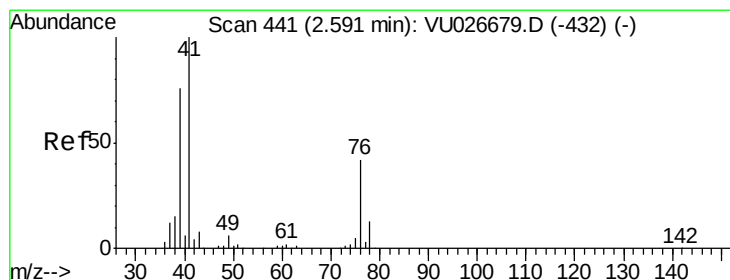
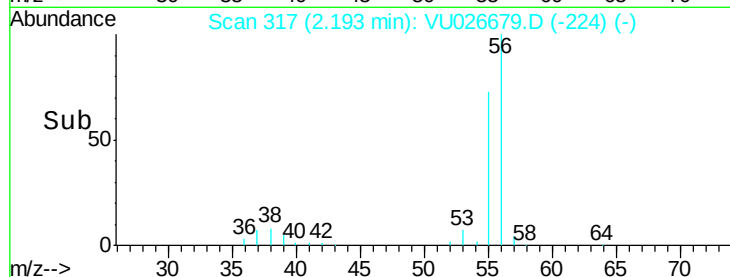
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 48.07 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

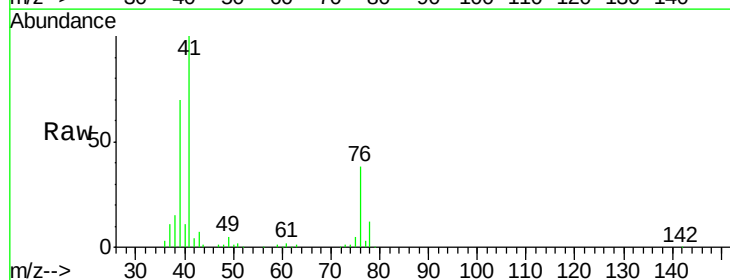
Tgt Ion: 41 Resp: 103350

Ion Ratio Lower Upper

41 100

39 71.1 56.9 85.3

76 37.1 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

2.59

80000

60000

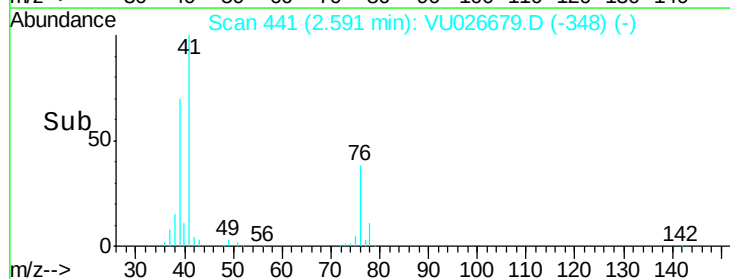
40000

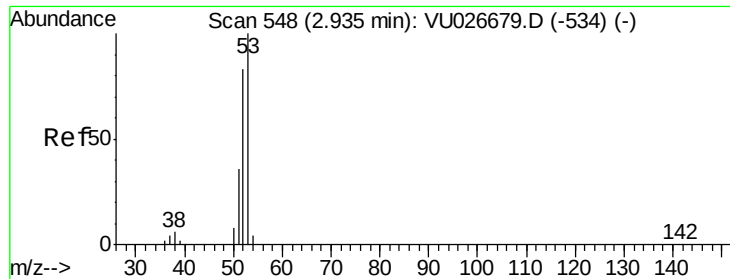
20000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 259.08 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

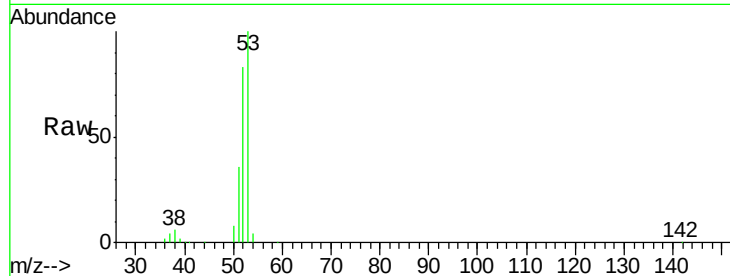
Tot Ion: 53 Resp: 213603

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

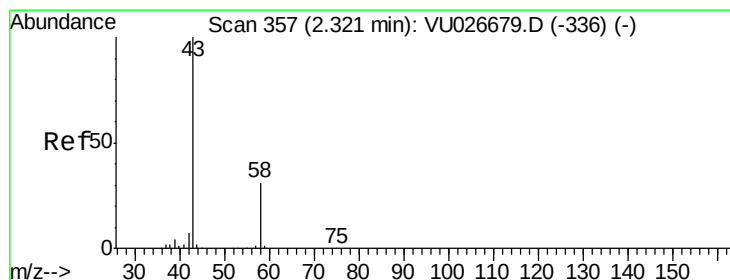
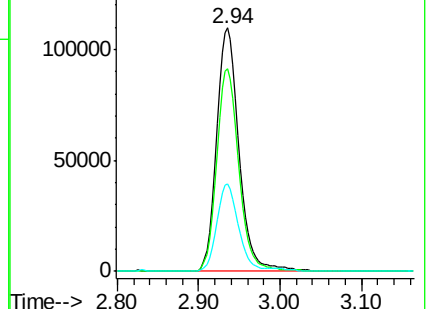
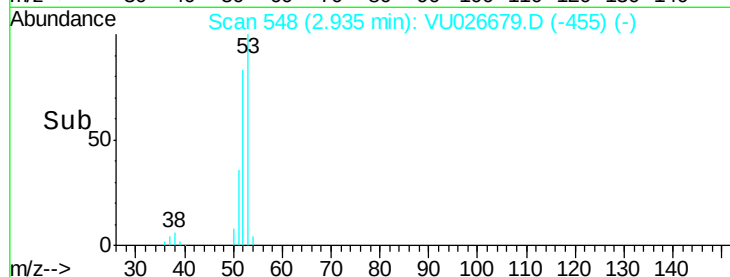
51 34.6 27.7 41.5



Abundance Ion 53.00 (52.70 to 53.70): VU026679.D (-534) (-)

Ion 52.00 (51.70 to 52.70): VU026679.D (-534) (-)

Ion 51.00 (50.70 to 51.70): VU026679.D (-534) (-)



#16

Acetone

Concen: 235.41 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026679.D

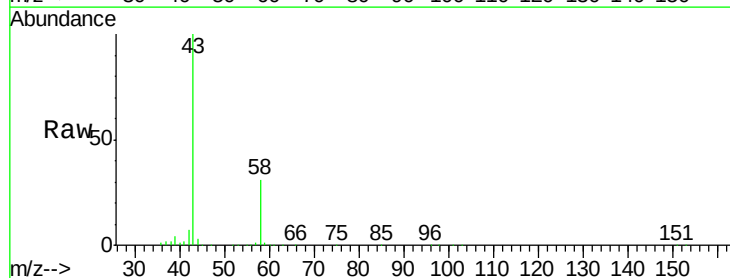
Acq: 11 Sep 2018 11:43

Tgt Ion: 43 Resp: 210215

Ion Ratio Lower Upper

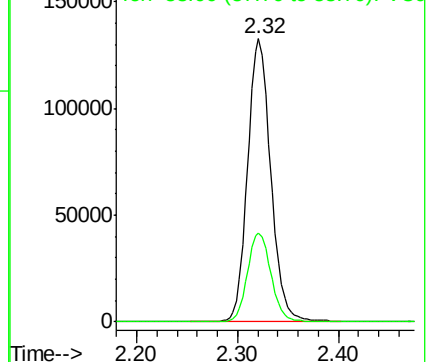
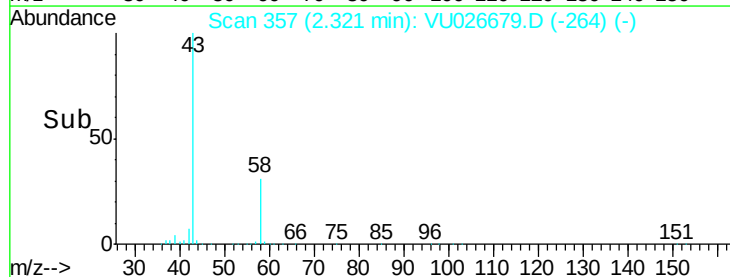
43 100

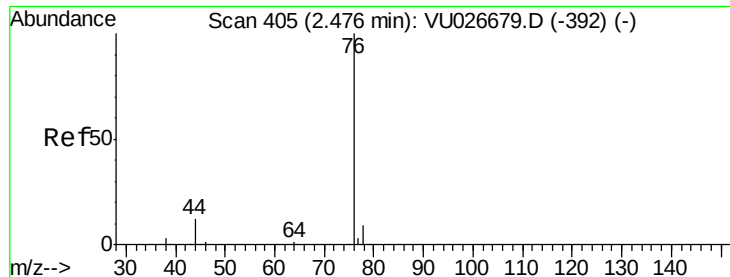
58 31.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU026679.D (-336) (-)

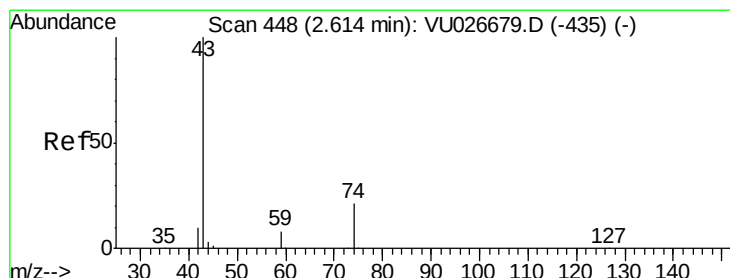
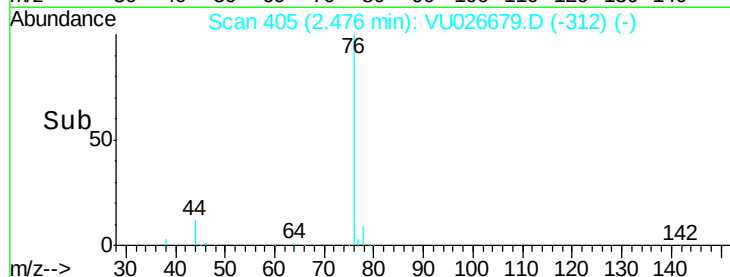
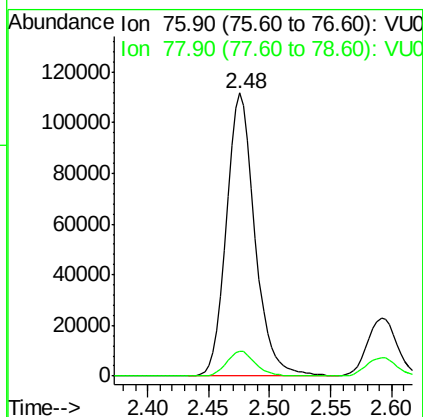
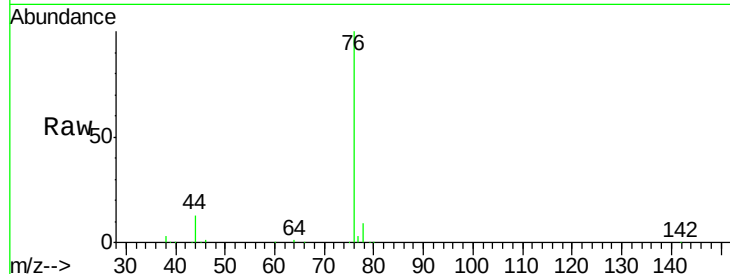




#17
Carbon Disulfide
Concen: 48.30 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

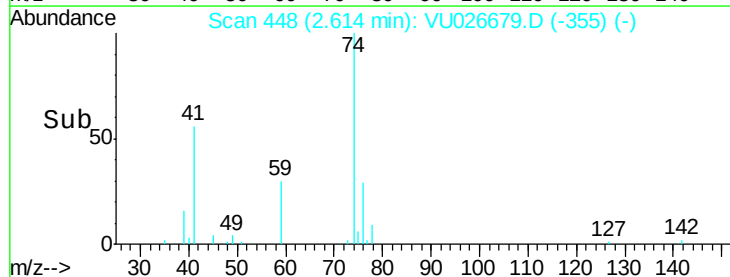
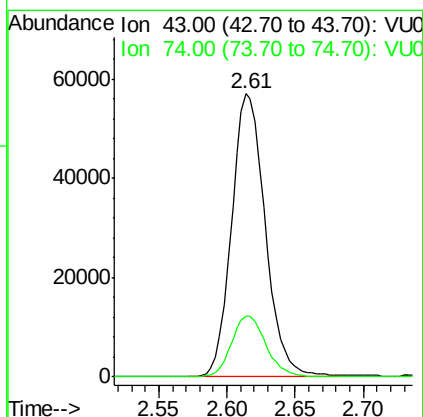
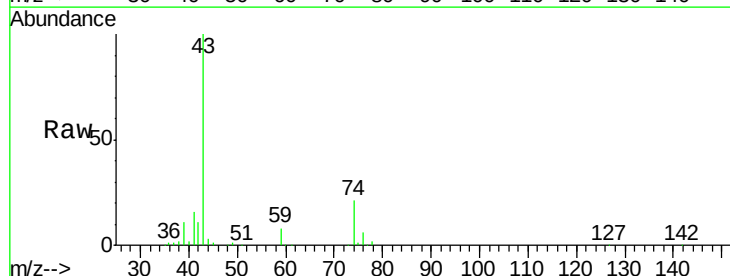
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

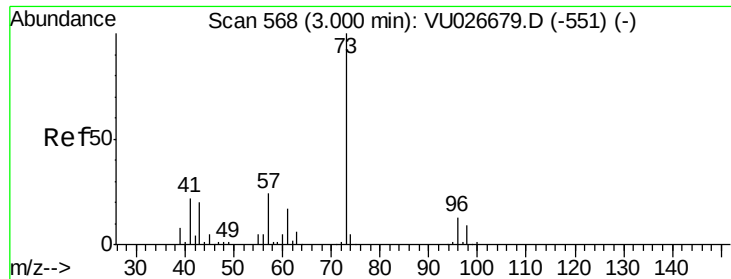
Tot Ion: 76 Resp: 183445
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 50.80 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 43 Resp: 97869
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5

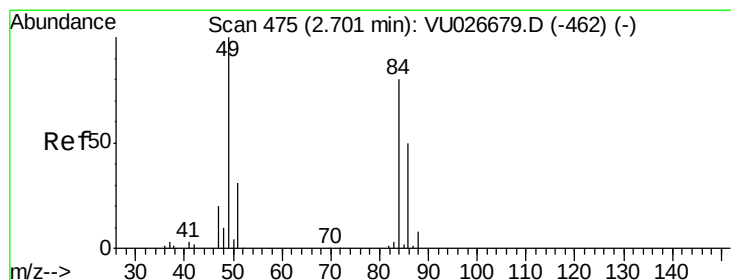
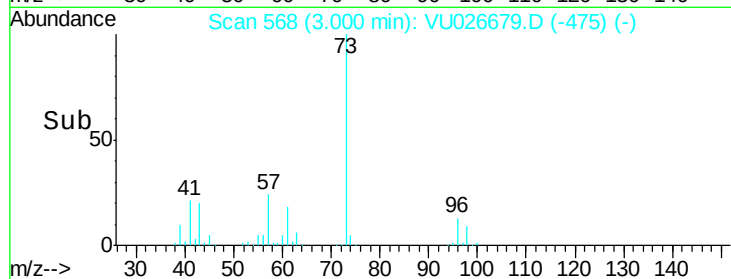
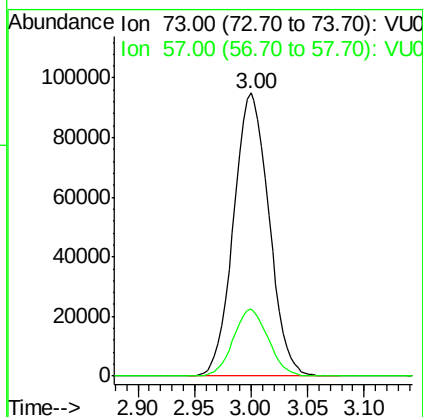
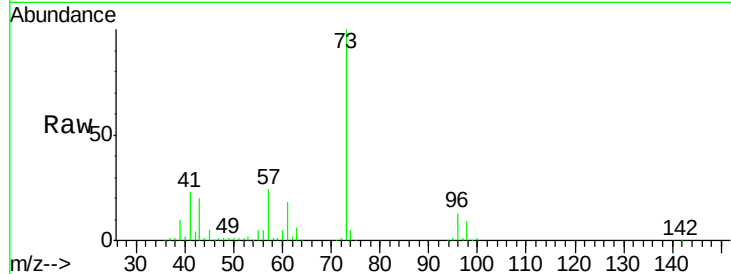




#19
Methyl tert-butyl Ether
Concen: 50.24 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

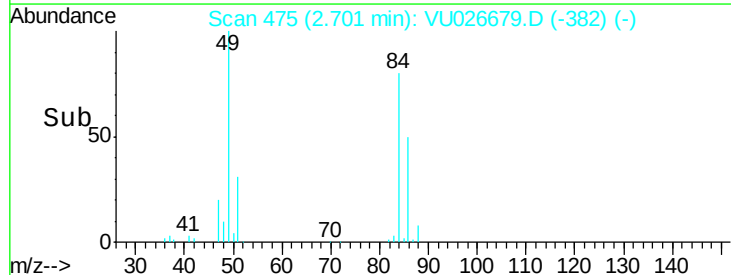
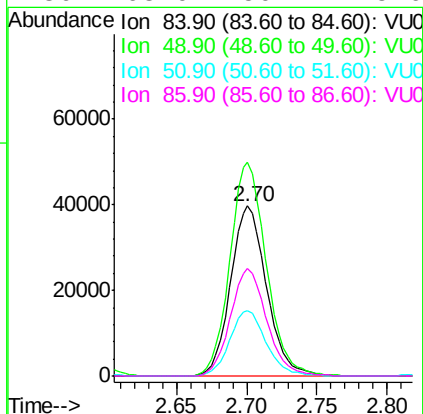
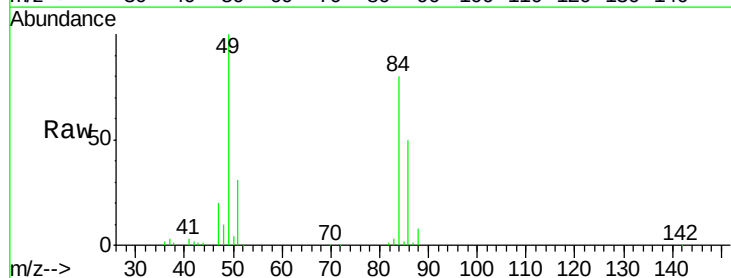
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

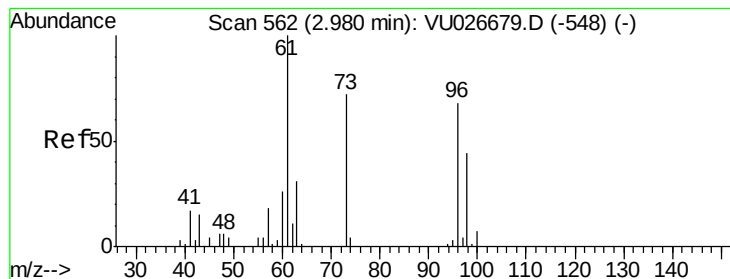
Tot Ion: 73 Resp: 206498
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 49.12 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 84 Resp: 71150
Ion Ratio Lower Upper
84 100
49 125.8 100.6 151.0
51 38.6 30.9 46.3
86 63.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 50.37 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

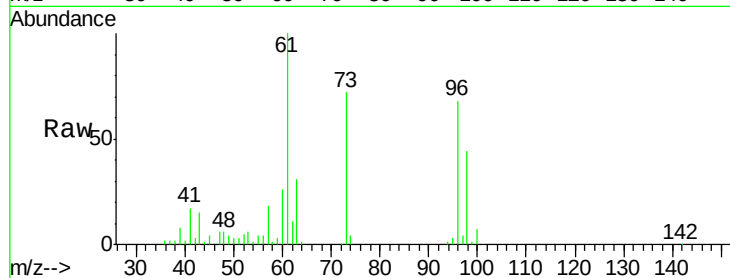
Tot Ion: 96 Resp: 63335

Ion Ratio Lower Upper

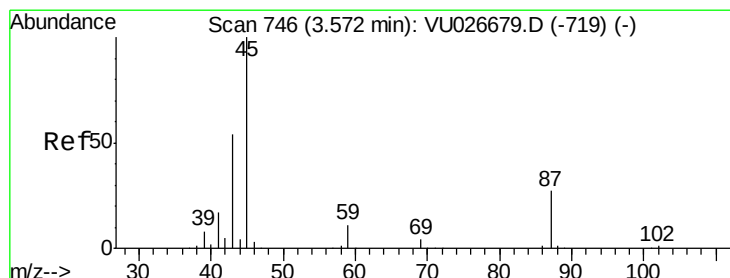
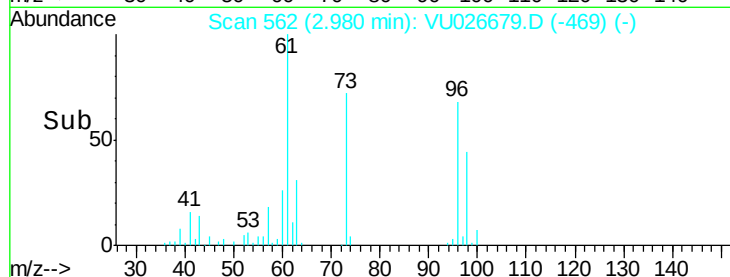
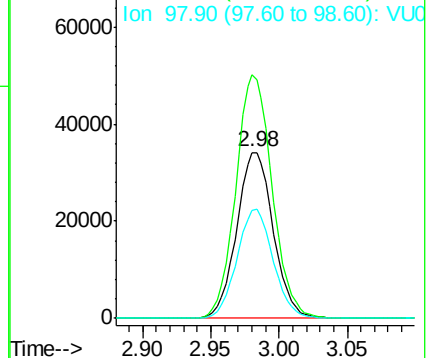
96 100

61 147.1 117.7 176.5

98 65.0 52.0 78.0



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



#22

Diisopropyl ether

Concen: 52.20 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Tgt Ion: 45 Resp: 234212

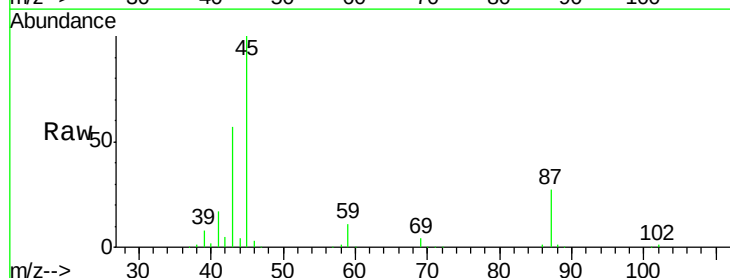
Ion Ratio Lower Upper

45 100

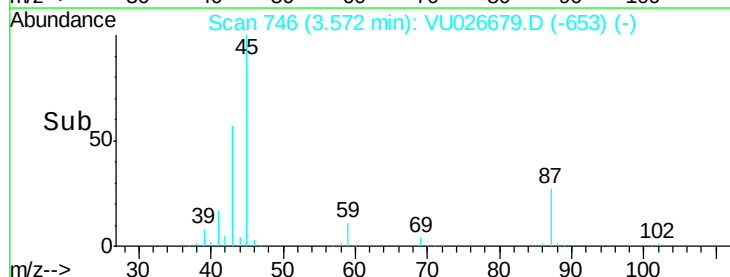
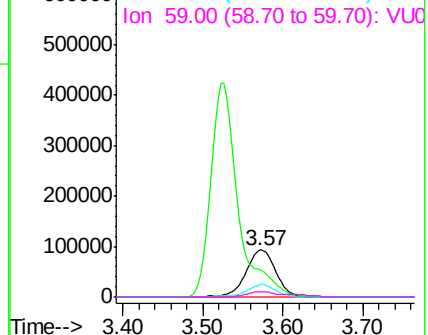
43 55.8 44.6 67.0

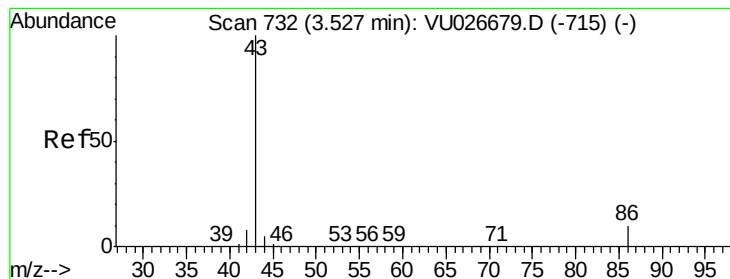
87 26.7 21.4 32.0

59 11.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 264.10 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

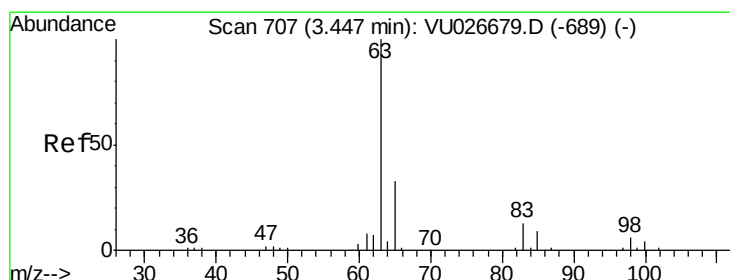
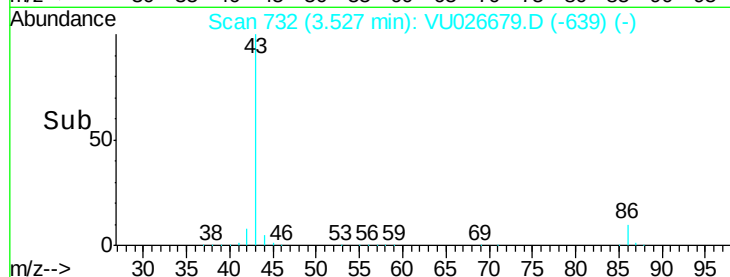
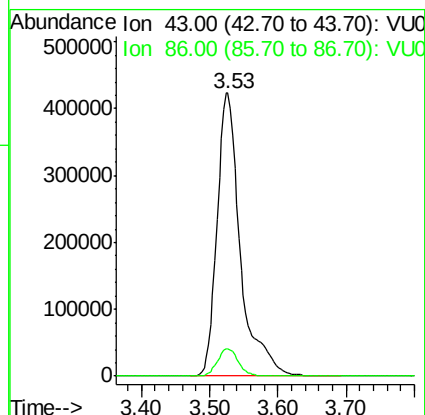
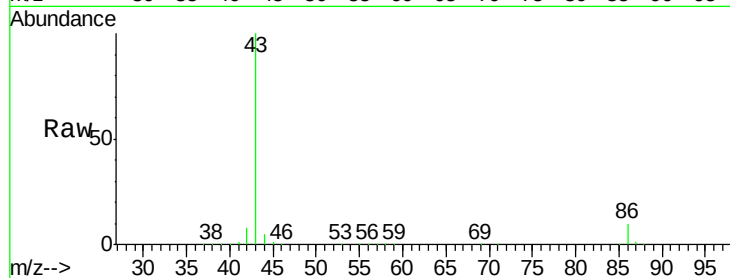
VSTDICCC050

Tot Ion: 43 Resp: 1006614

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 50.72 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

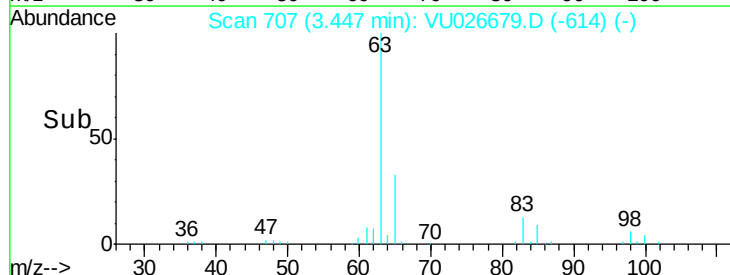
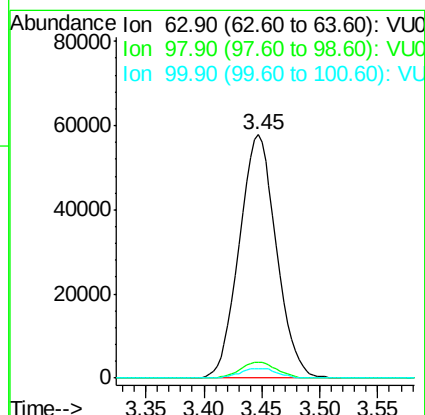
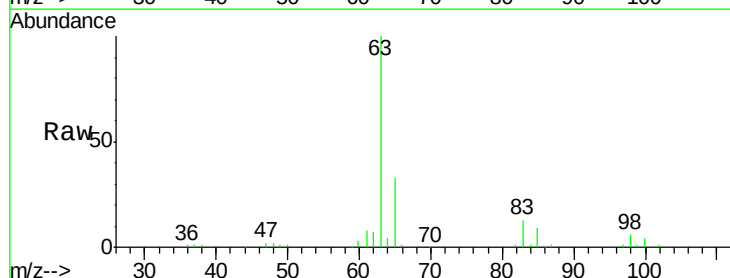
Tgt Ion: 63 Resp: 128376

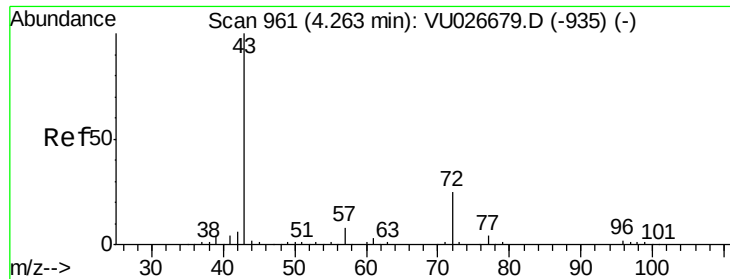
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 254.64 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

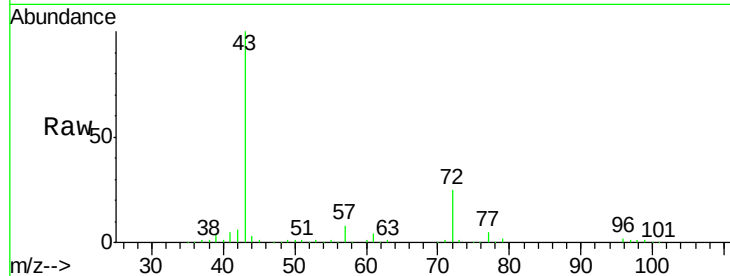
VSTDICCC050

Tot Ion: 43 Resp: 306301

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

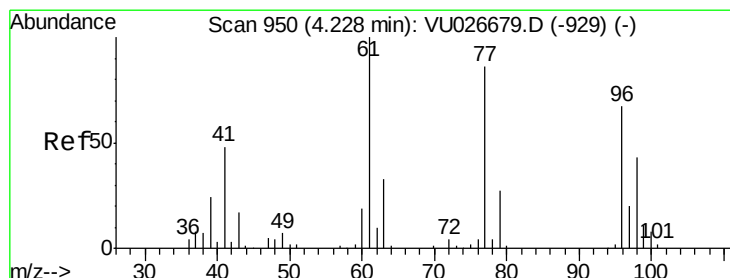
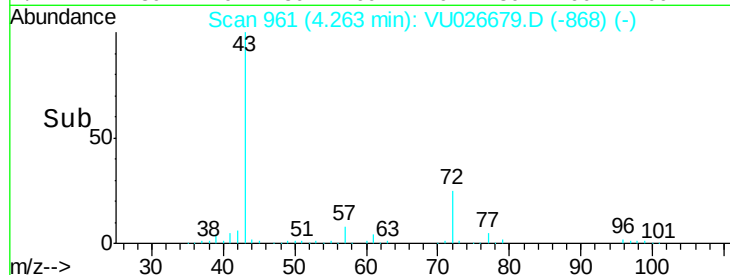
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.31 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026679.D

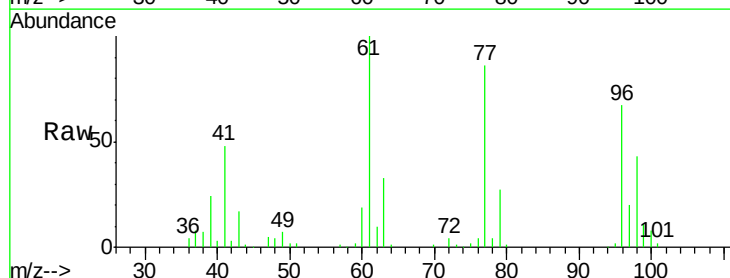
Acq: 11 Sep 2018 11:43

Tgt Ion: 77 Resp: 104661

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

40000

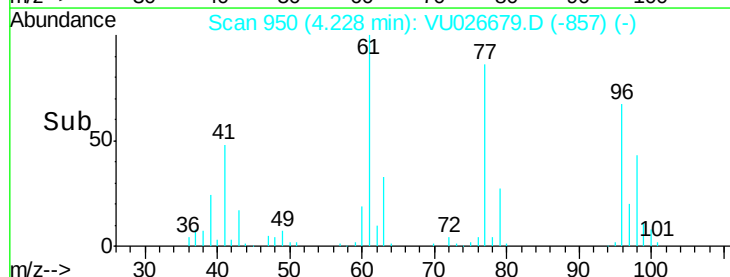
30000

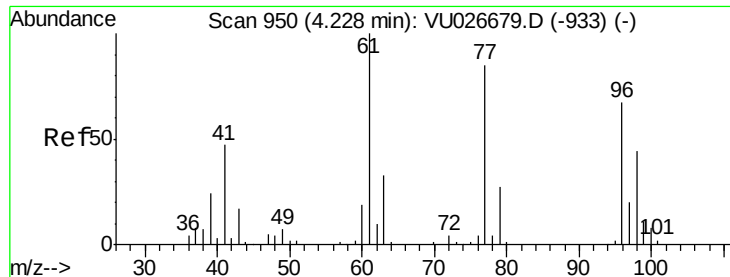
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.95 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

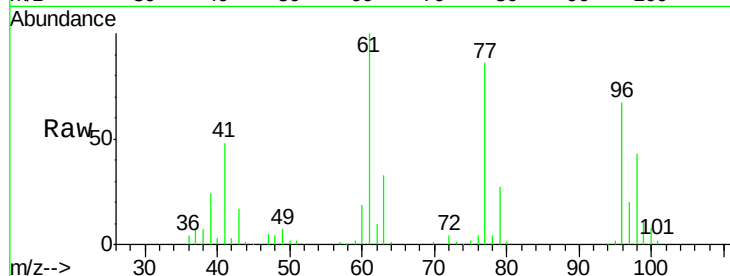
Tot Ion: 96 Resp: 73848

Ion Ratio Lower Upper

96 100

61 150.9 0.0 301.8

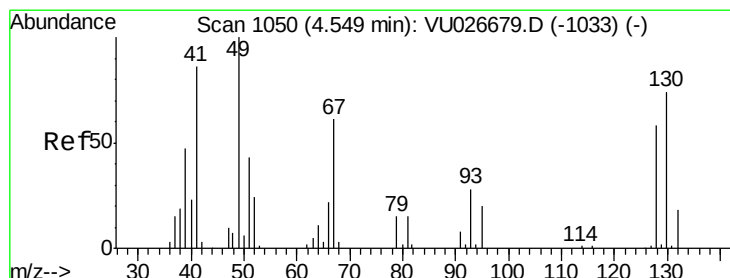
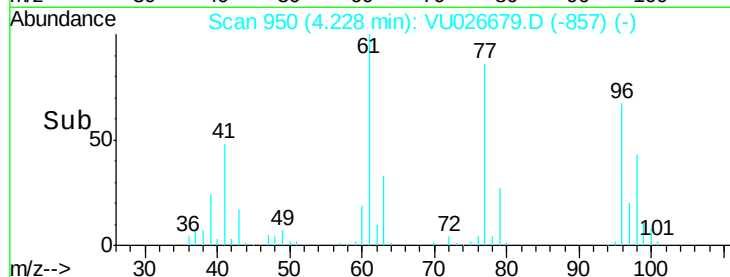
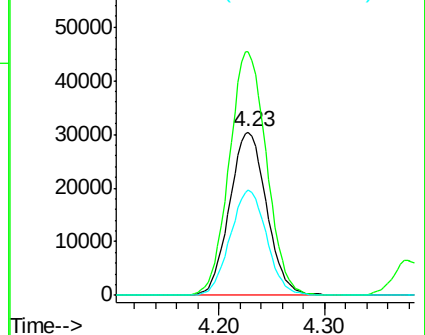
98 63.6 0.0 127.2



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: 51.43 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

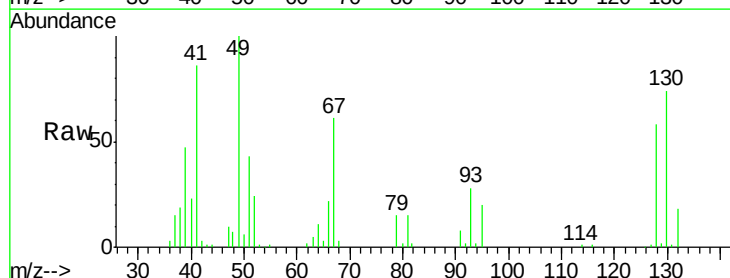
Tgt Ion: 49 Resp: 62246

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

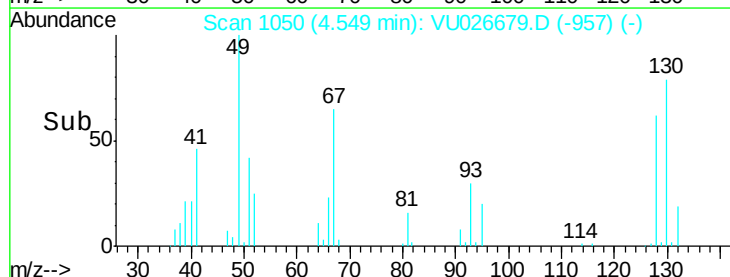
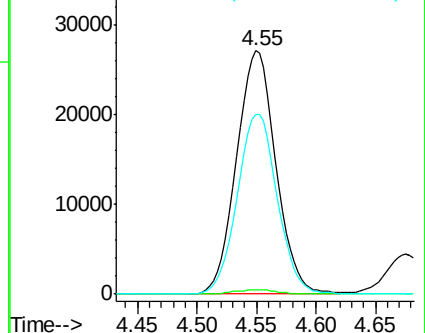
130 74.7 59.8 89.6

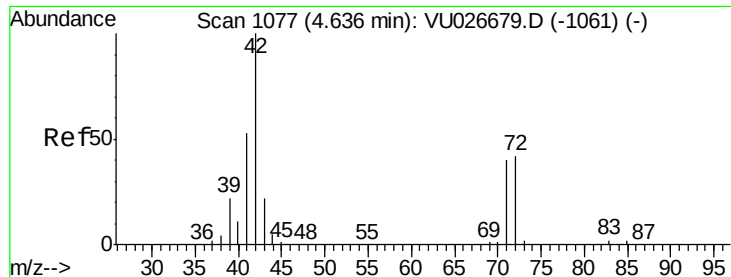


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

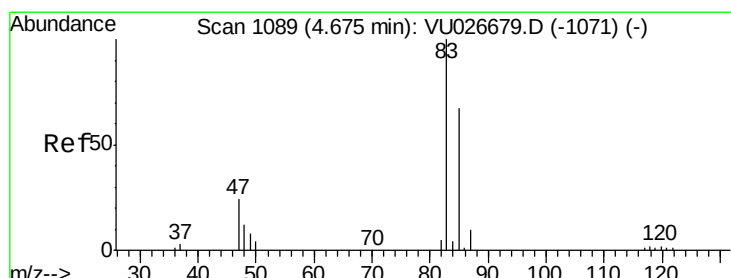
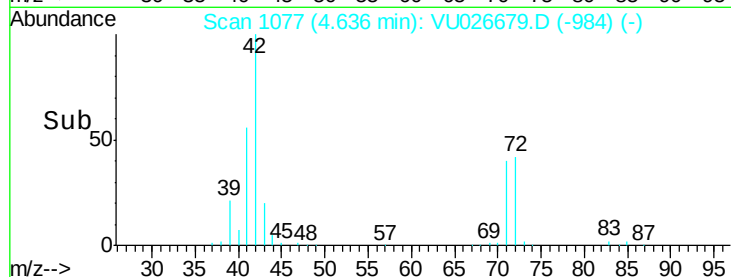
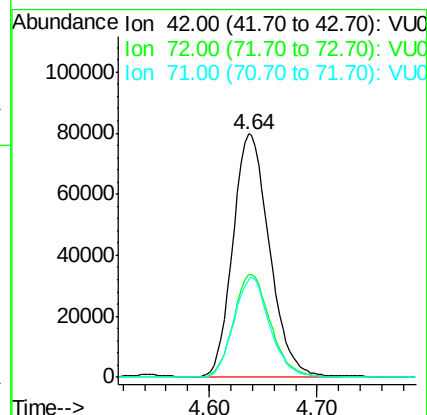
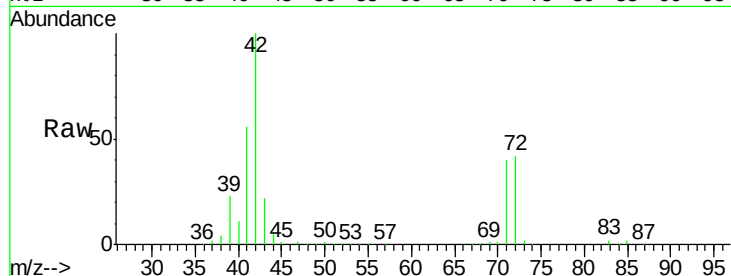




#29
Tetrahydrofuran
Concen: 258.19 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

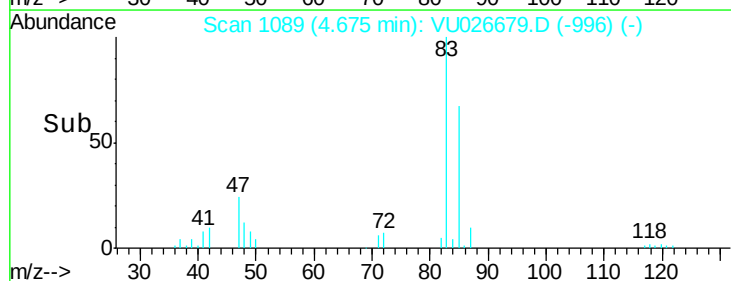
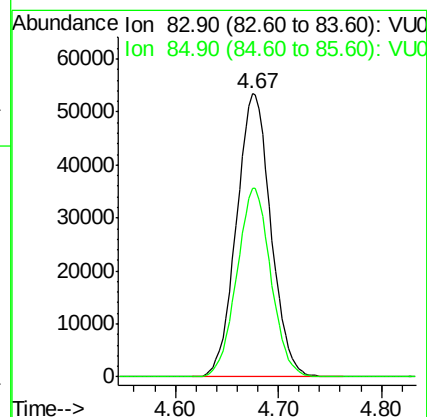
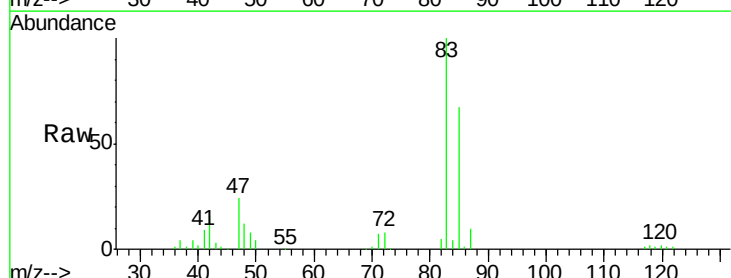
Instrument :
MSVOA_U
ClientSampled :
VSTDICCC050

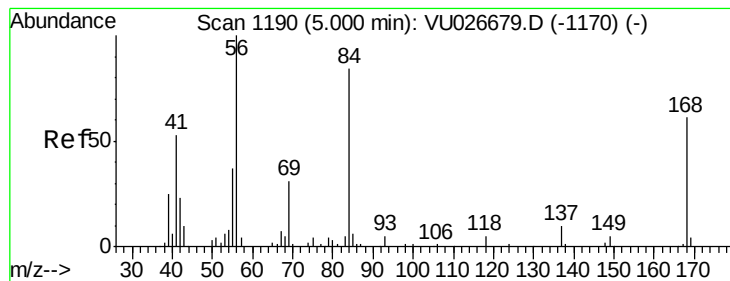
Tot Ion: 42 Resp: 187239
Ion Ratio Lower Upper
42 100
72 43.0 34.4 51.6
71 40.5 32.4 48.6



#30
Chloroform
Concen: 49.75 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 83 Resp: 123828
Ion Ratio Lower Upper
83 100
85 66.6 53.3 79.9





#31

Cyclohexane

Concen: 44.11 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

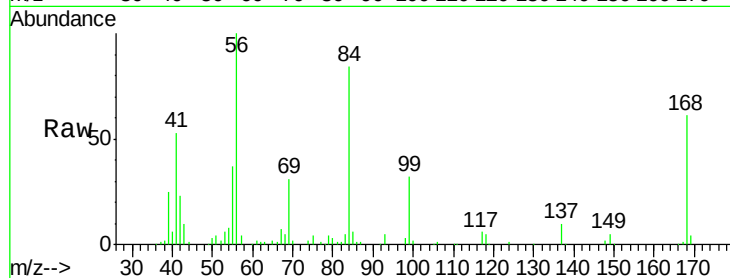
Tot Ion: 56 Resp: 115551

Ion Ratio Lower Upper

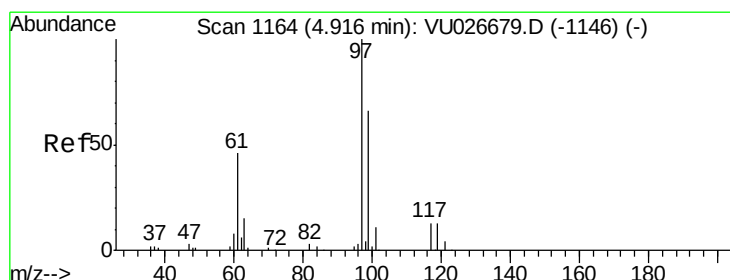
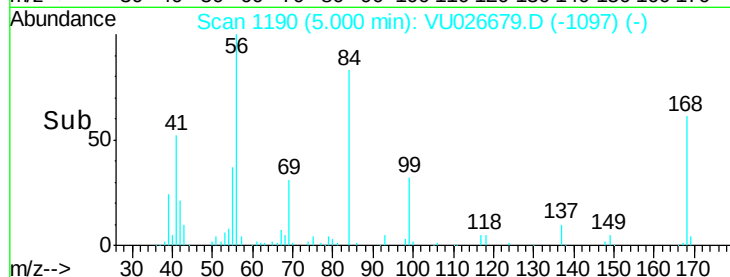
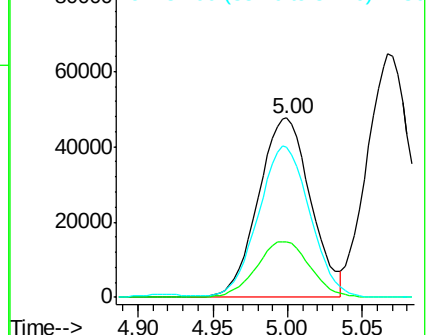
56 100

69 31.1 24.9 37.3

84 83.3 66.6 100.0



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



#32

1,1,1-Trichloroethane

Concen: 51.37 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

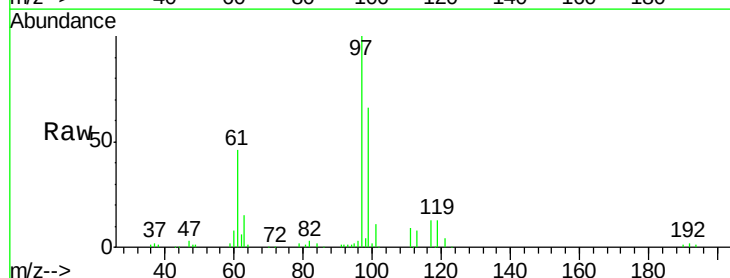
Tgt Ion: 97 Resp: 105862

Ion Ratio Lower Upper

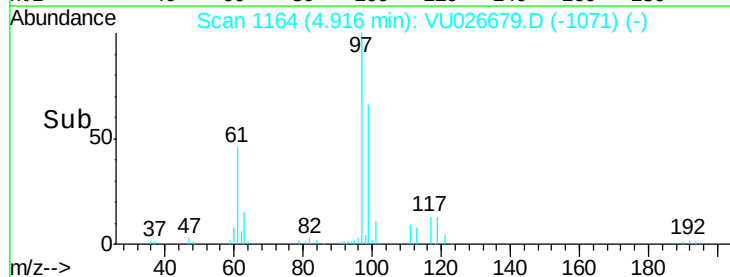
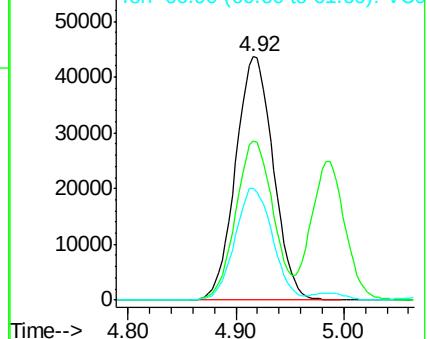
97 100

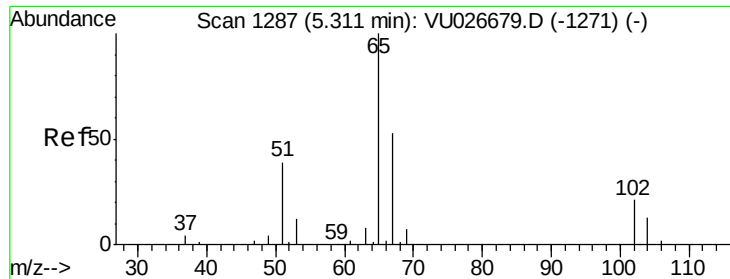
99 65.2 52.2 78.2

61 46.0 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

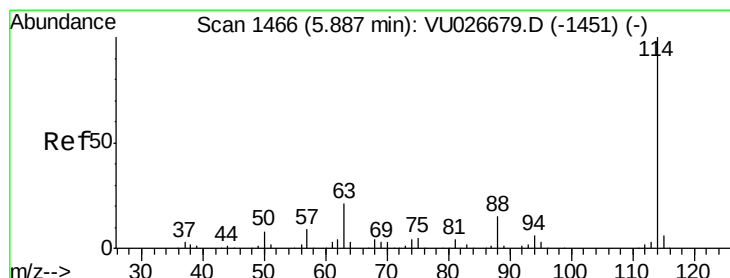
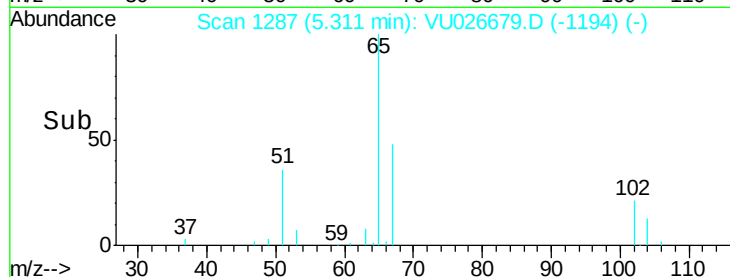
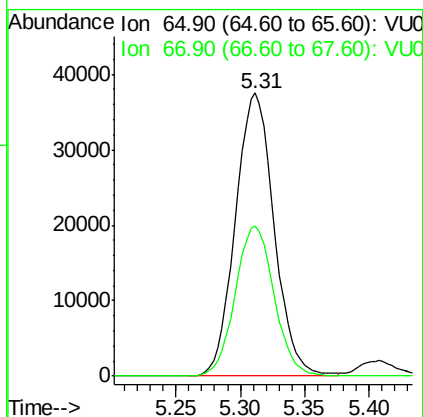
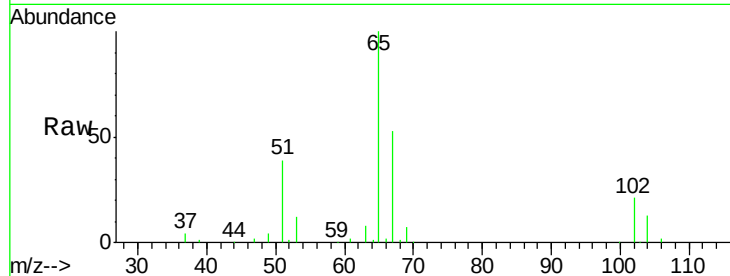




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

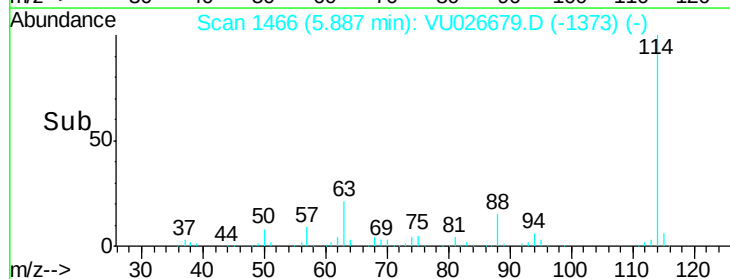
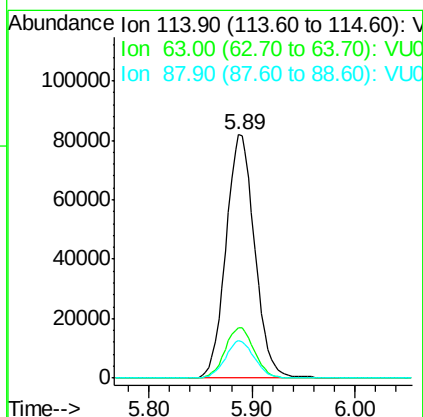
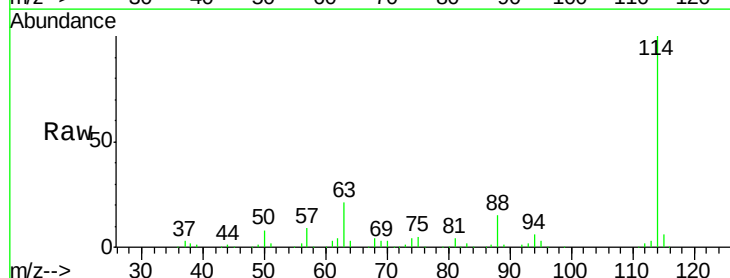
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

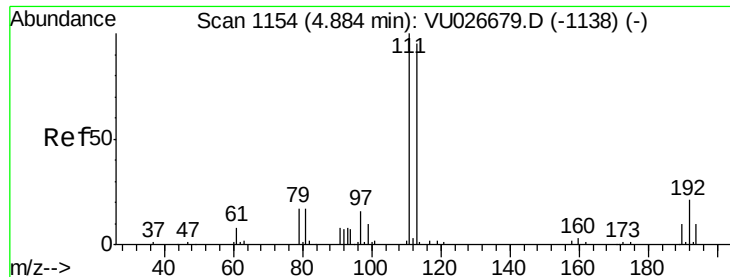
Tot Ion: 65 Resp: 78320
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion: 114 Resp: 159121
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.4 0.0 30.8

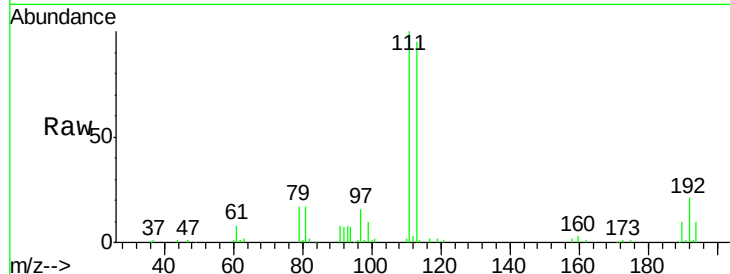




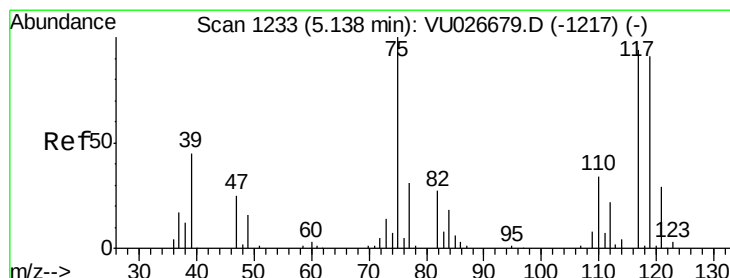
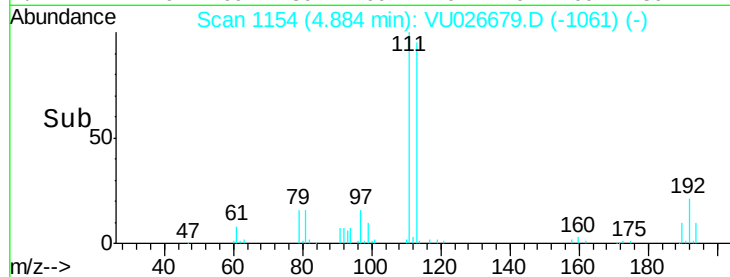
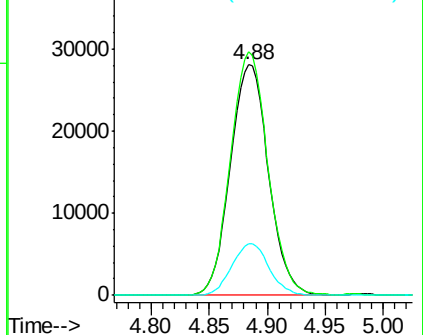
#35
 Dibromofluoromethane
 Concen: 49.31 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tot Ion:113 Resp: 64004
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.1 124.7
 192 21.8 17.4 26.2

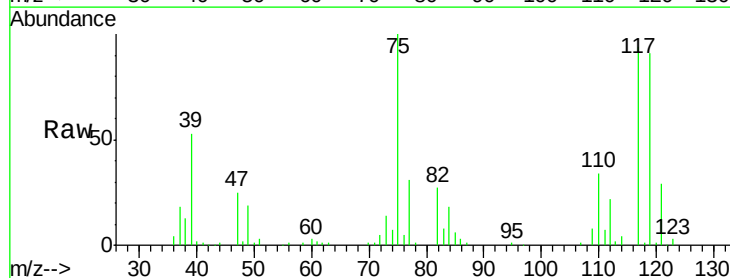


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

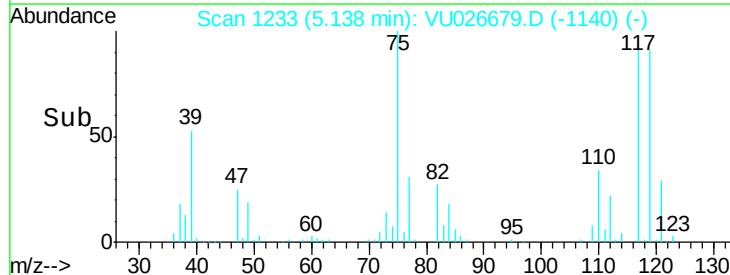
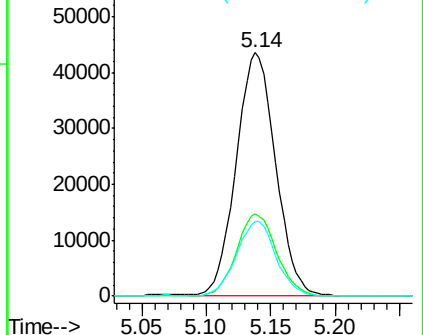


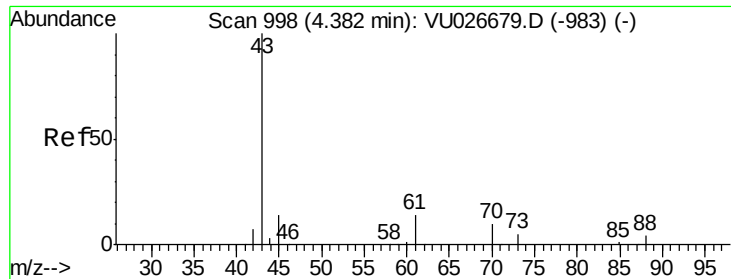
#36
 1,1-Dichloropropene
 Concen: 51.41 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion: 75 Resp: 91841
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.3 51.9
 77 31.1 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

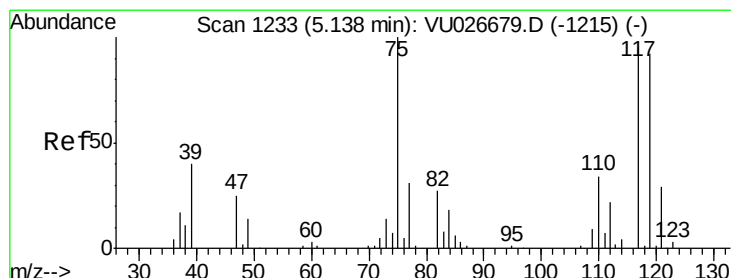
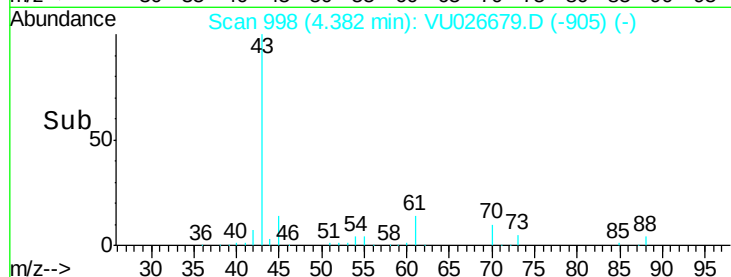
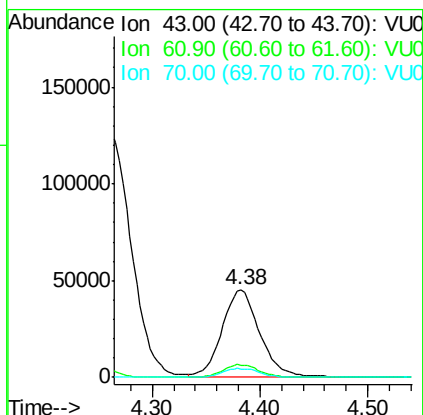
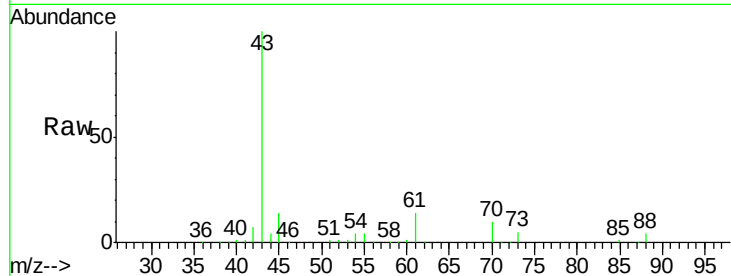




#37
Ethyl Acetate
Concen: 50.44 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

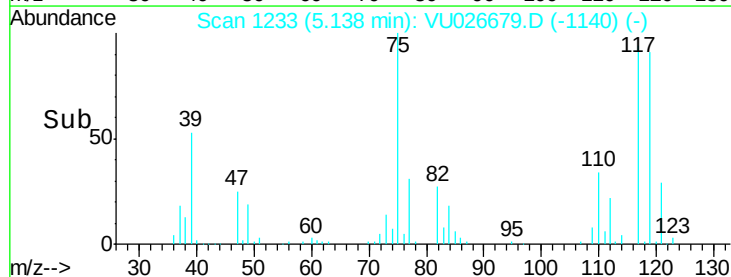
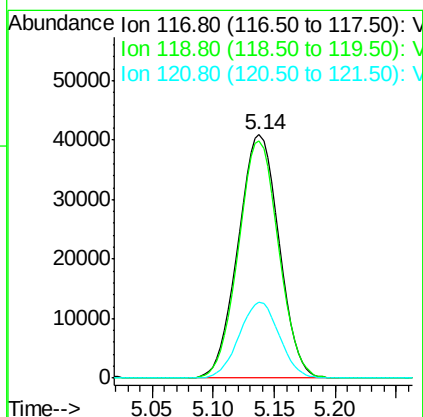
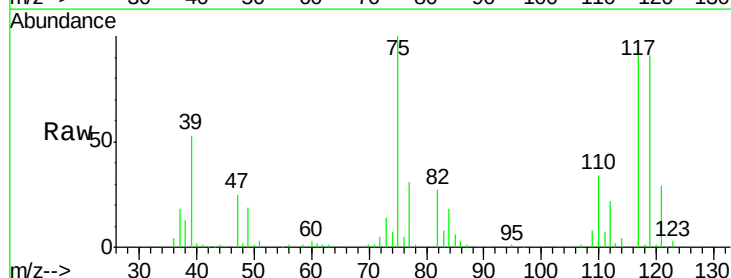
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

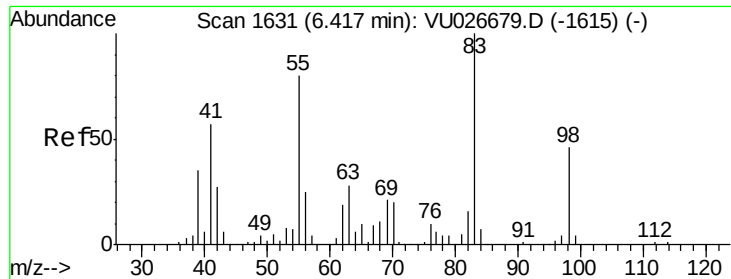
Tot Ion: 43 Resp: 108371
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.27 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 117 Resp: 94889
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
121 31.2 25.0 37.4

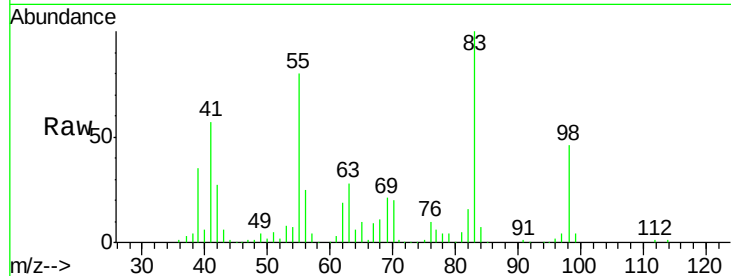




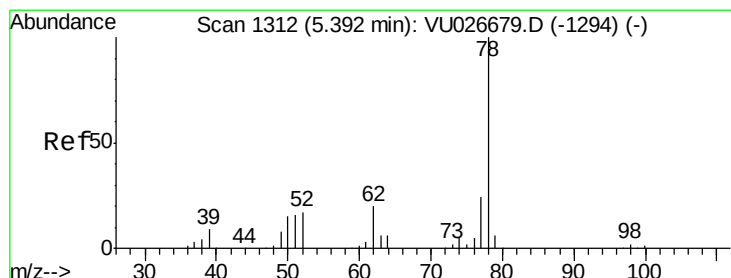
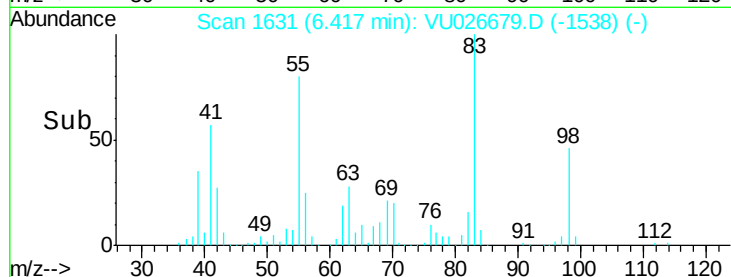
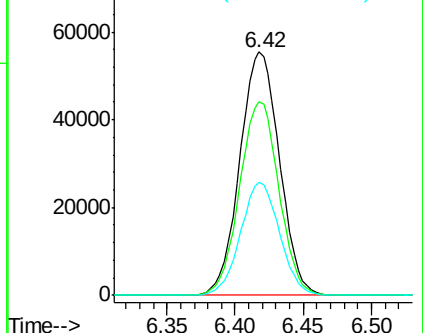
#39
Methylvlcyclohexane
Concen: 52.71 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 111798
Ion Ratio Lower Upper
83 100
55 79.7 63.8 95.6
98 46.5 37.2 55.8

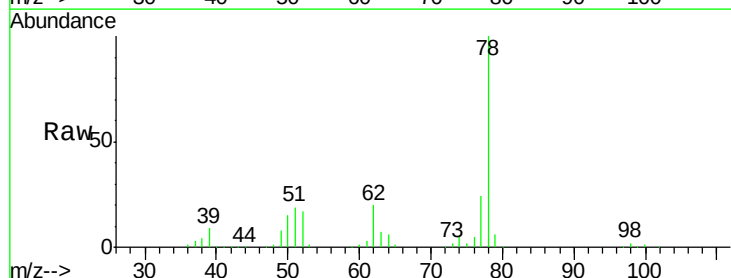


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

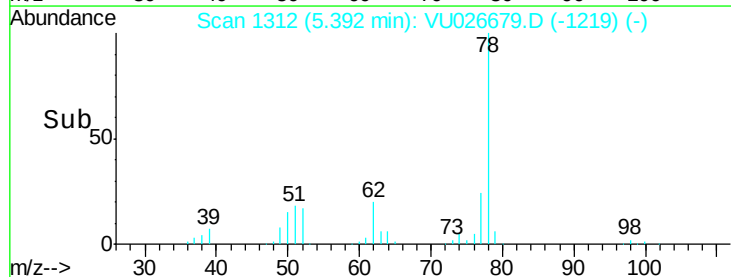
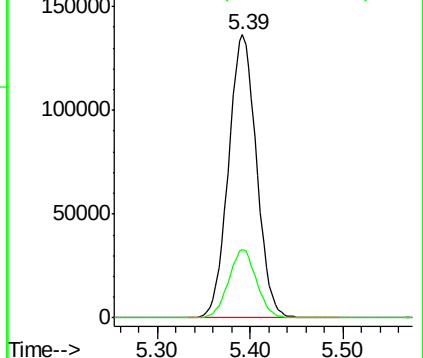


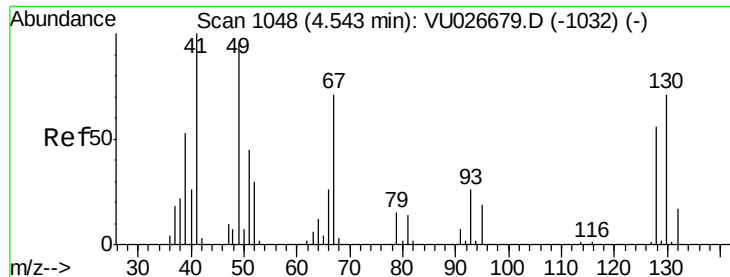
#40
Benzene
Concen: 51.30 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 78 Resp: 284624
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3



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

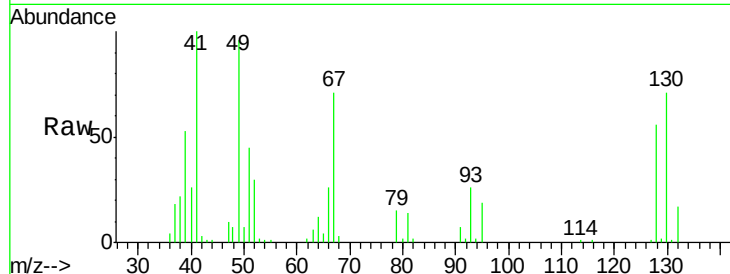




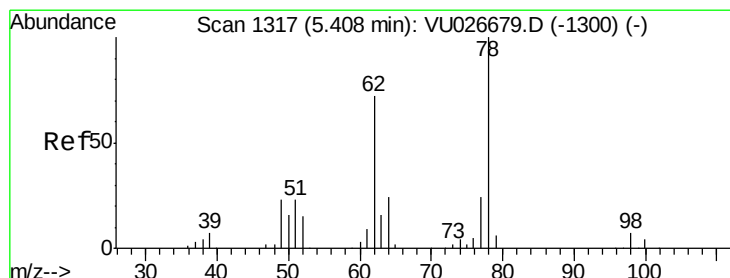
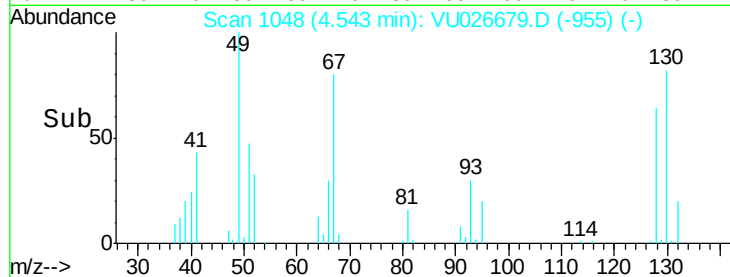
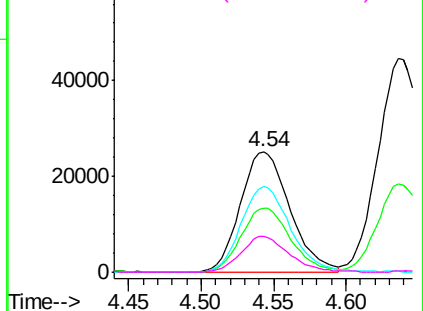
#41
Methacrylonitrile
Concen: 53.53 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	59688
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.9	64.3
67	70.7	56.6	84.8
52	29.0	23.2	34.8

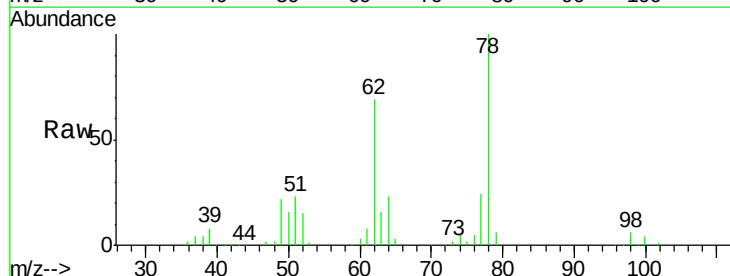


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

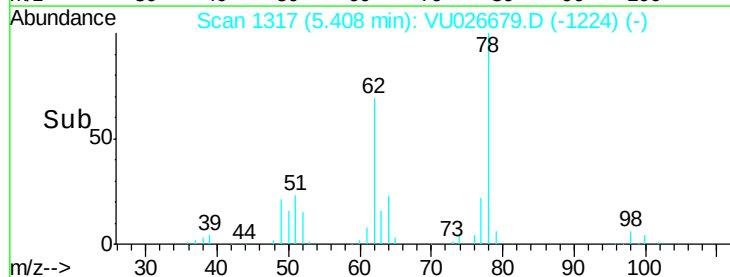
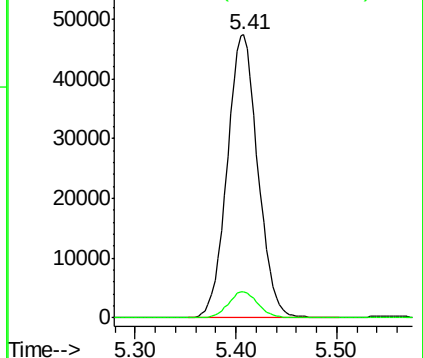


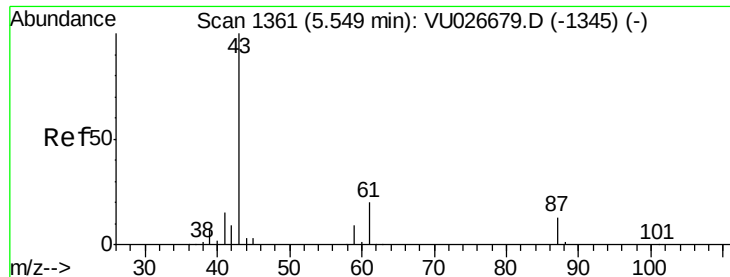
#42
1,2-Dichloroethane
Concen: 50.73 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:	62	Resp:	100357
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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

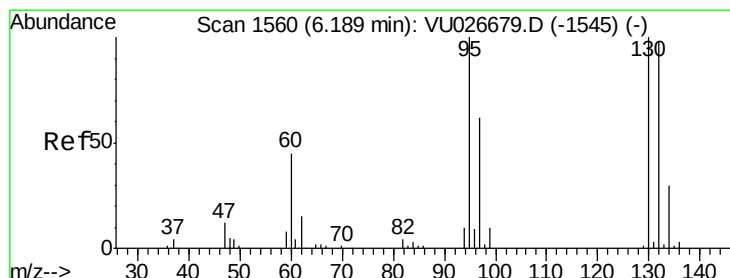
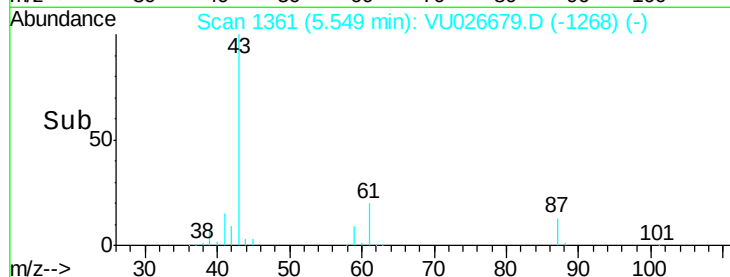
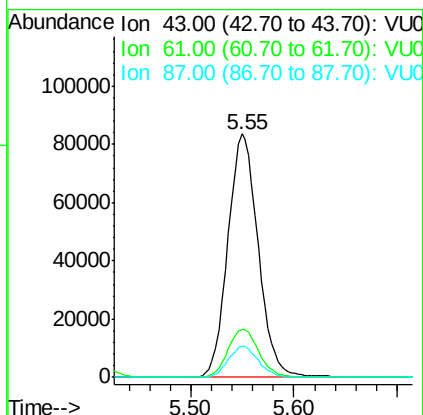
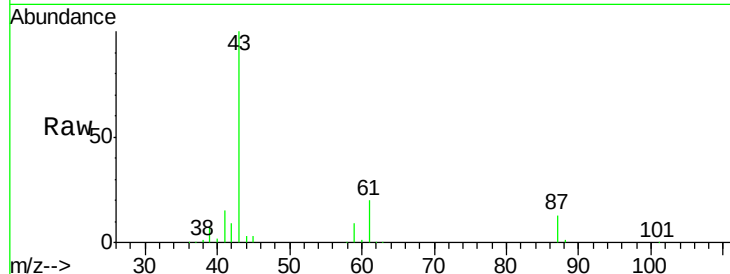




#43
Isopropyl Acetate
Concen: 52.42 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

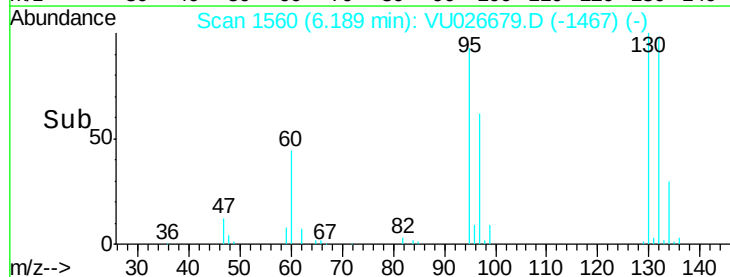
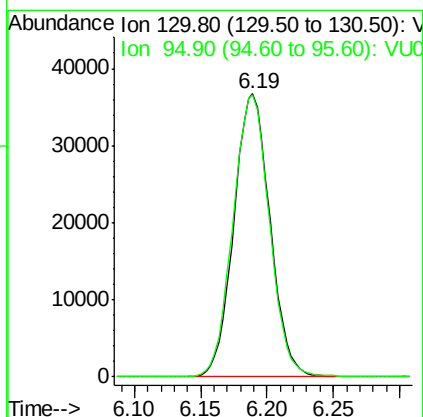
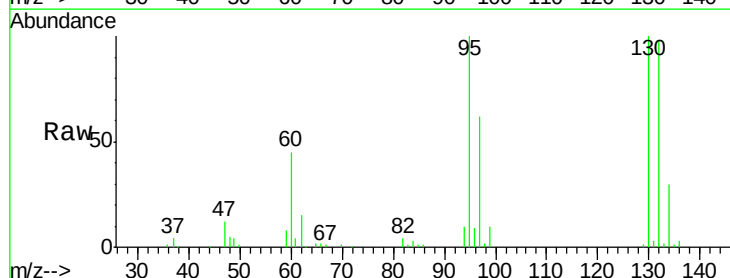
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

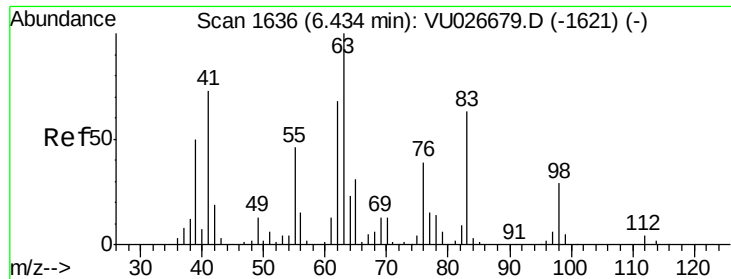
Tot Ion: 43 Resp: 171482
Ion Ratio Lower Upper
43 100
61 20.0 16.0 24.0
87 12.6 10.1 15.1



#44
Trichloroethene
Concen: 50.64 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:130 Resp: 69537
Ion Ratio Lower Upper
130 100
95 99.7 0.0 199.4

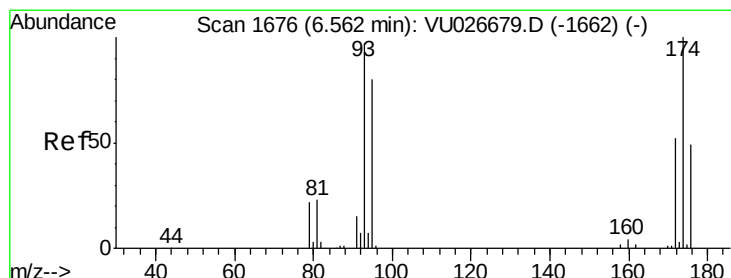
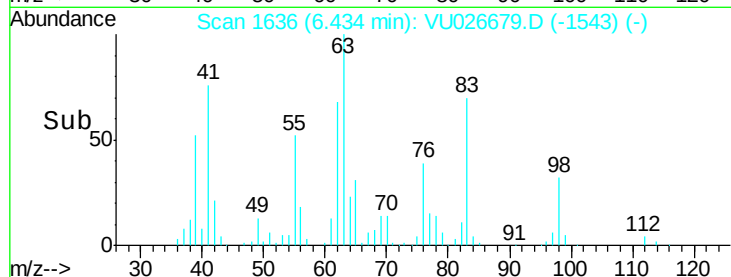
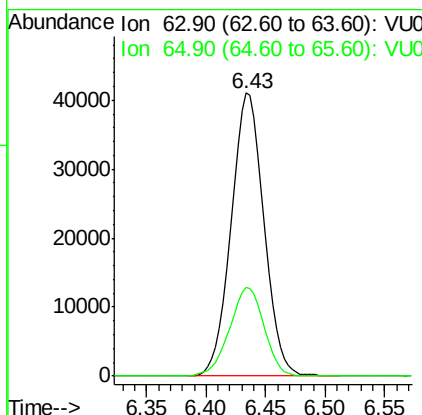
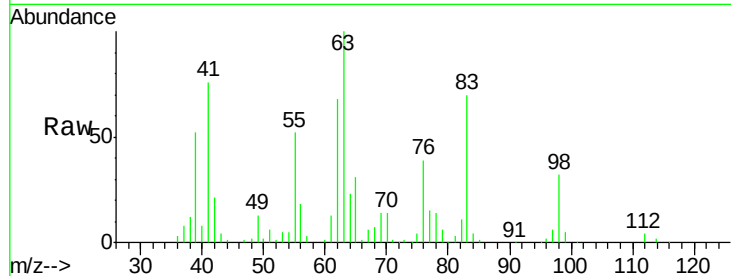




#45
 1,2-Dichloropropane
 Concen: 51.87 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

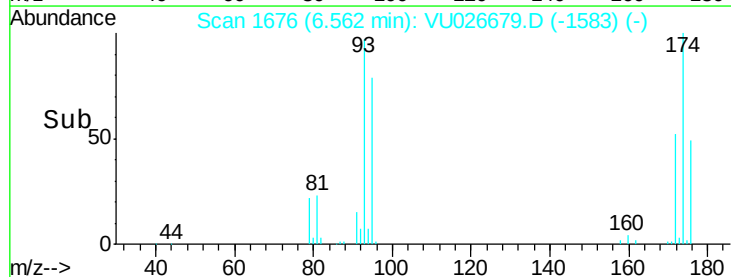
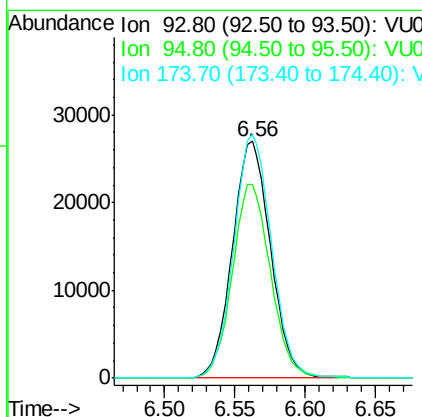
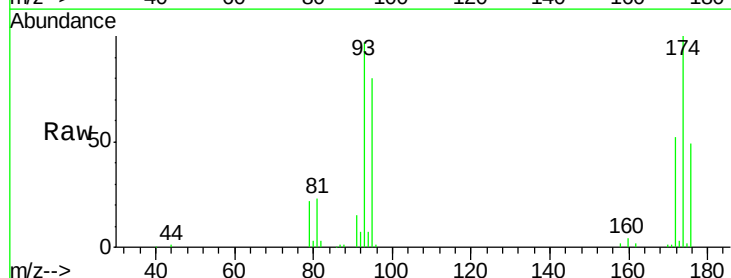
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

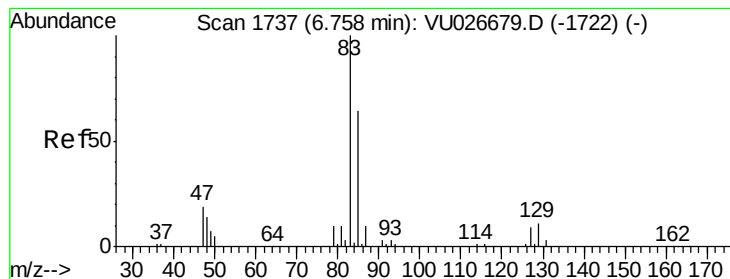
Tot Ion: 63 Resp: 78231
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 52.54 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion: 93 Resp: 51137
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.4 98.2
 174 102.0 81.6 122.4





#47

Bromodichloromethane

Concen: 51.71 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

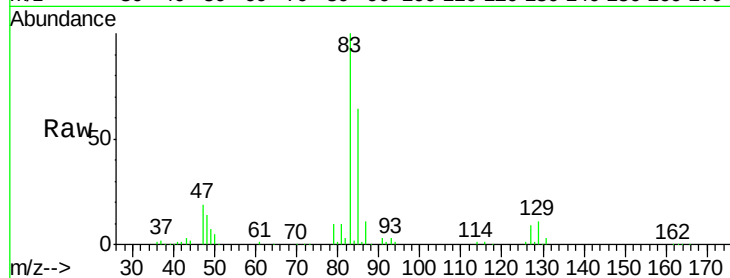
Tot Ion: 83 Resp: 99111

Ion Ratio Lower Upper

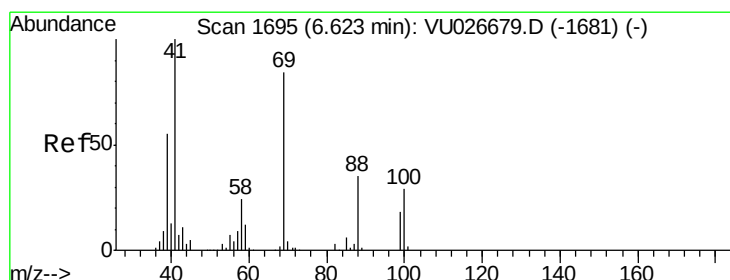
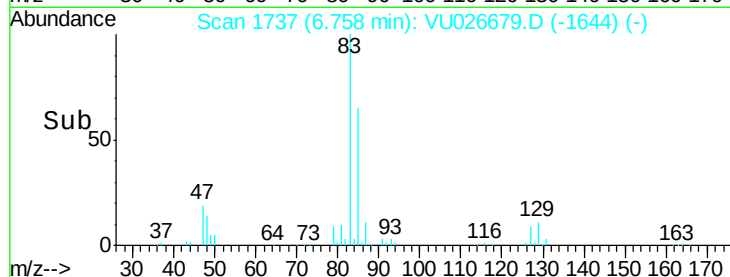
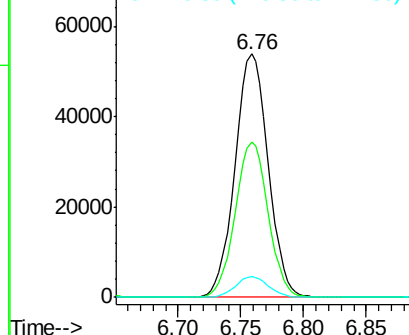
83 100

85 63.9 51.1 76.7

127 8.6 6.9 10.3



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



#48

Methyl methacrylate

Concen: 53.81 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

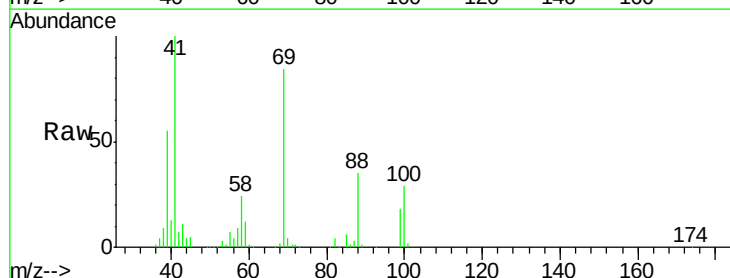
Tgt Ion: 41 Resp: 86859

Ion Ratio Lower Upper

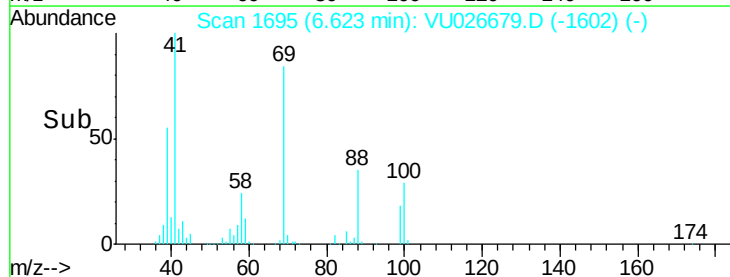
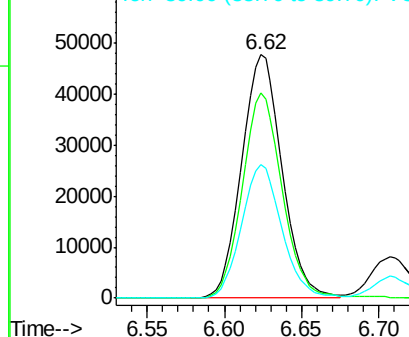
41 100

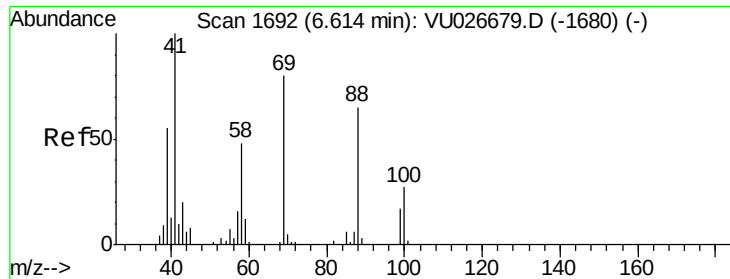
69 83.2 66.6 99.8

39 54.5 43.6 65.4



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

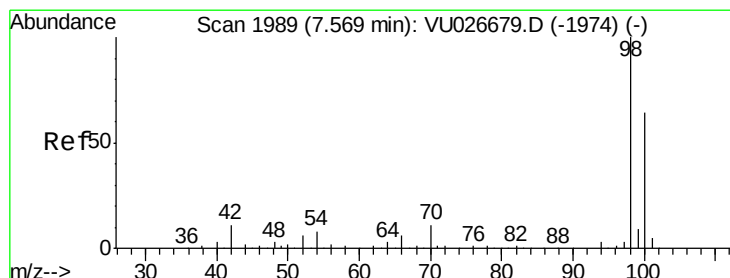
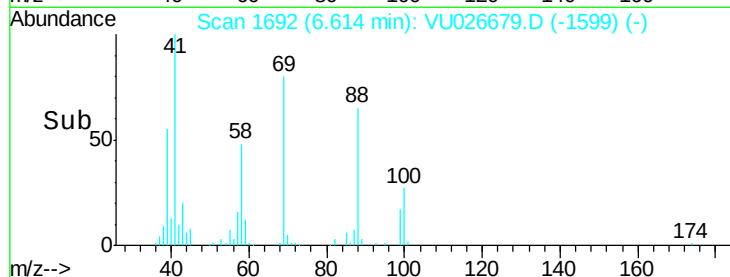
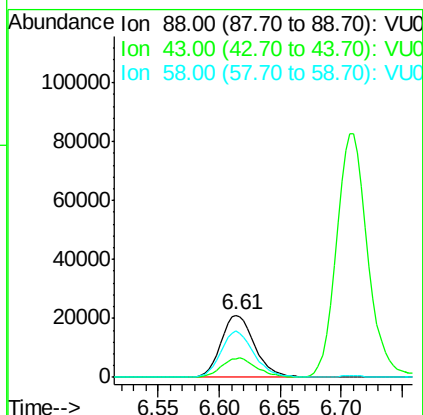
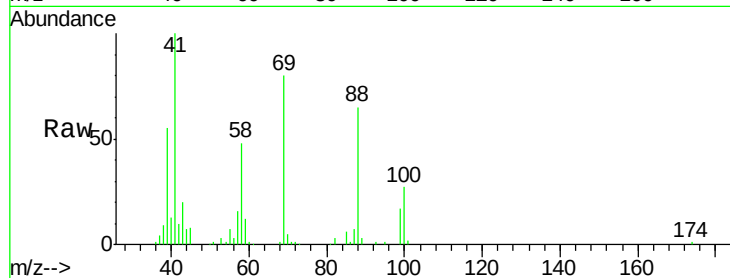




#49
1,4-Dioxane
Concen: 1094.72 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

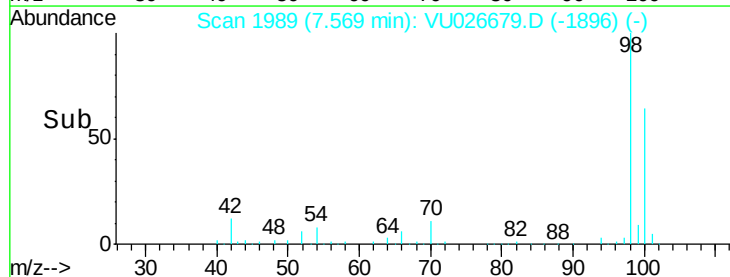
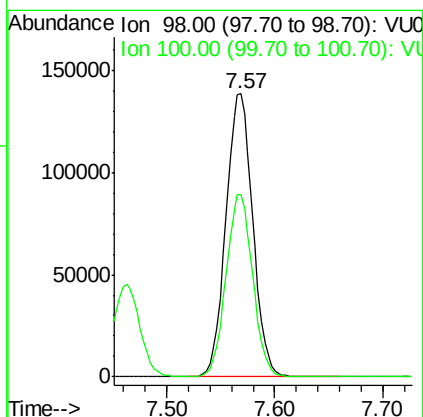
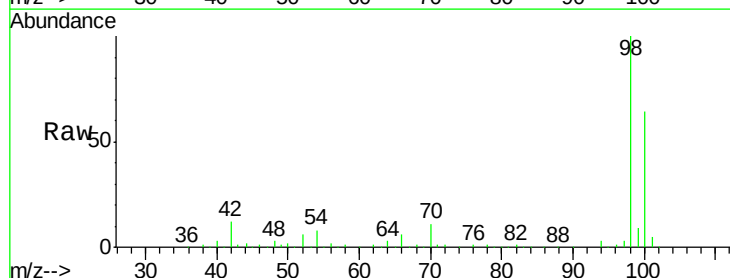
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

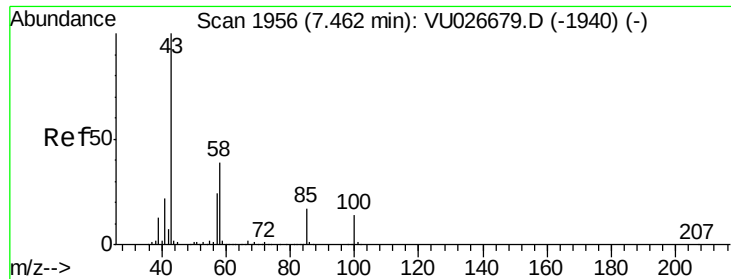
Tot Ion: 88 Resp: 40958
Ion Ratio Lower Upper
88 100
43 31.9 25.5 38.3
58 72.8 58.2 87.4



#50
Toluene-d8
Concen: 49.99 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 98 Resp: 239969
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8

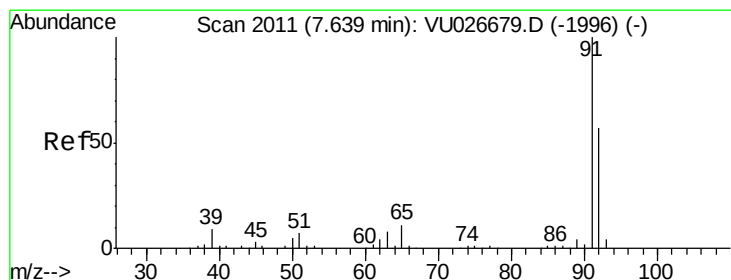
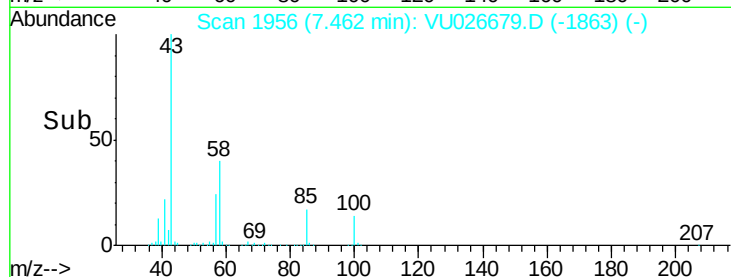
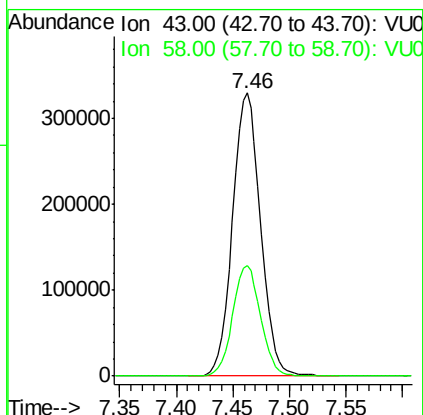
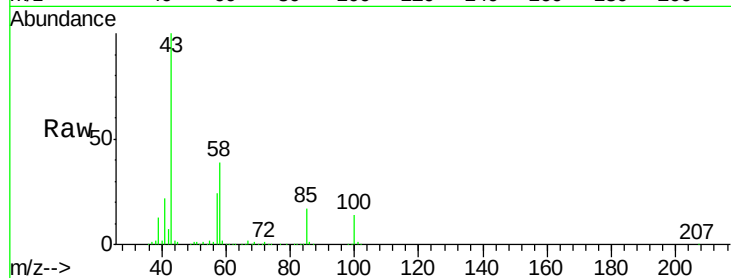




#51
4-Methyl-2-Pentanone
Concen: 259.52 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

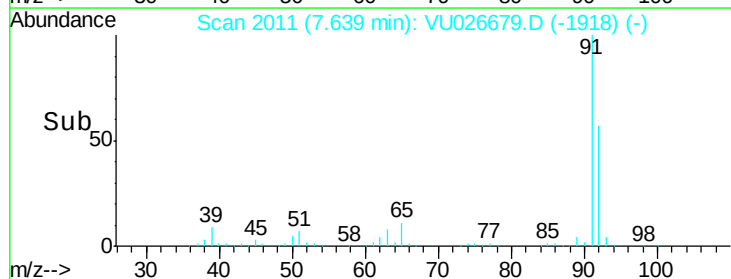
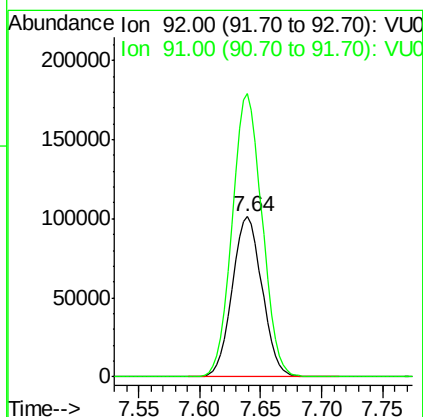
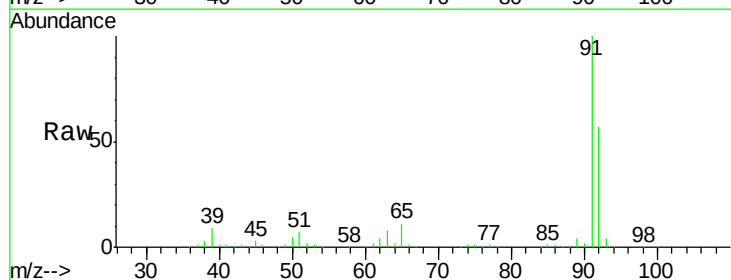
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

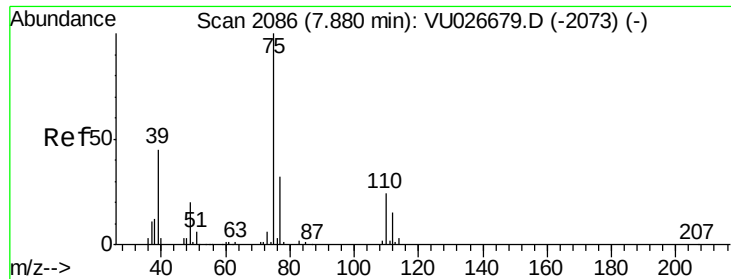
Tot Ion: 43 Resp: 567836
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7



#52
Toluene
Concen: 52.36 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 92 Resp: 173056
Ion Ratio Lower Upper
92 100
91 176.4 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 52.42 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

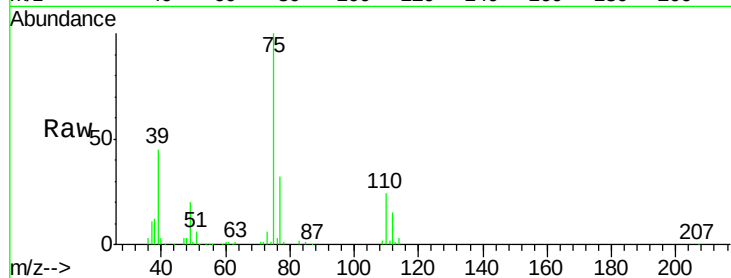
VSTDICCC050

Tot Ion: 75 Resp: 111430

Ion Ratio Lower Upper

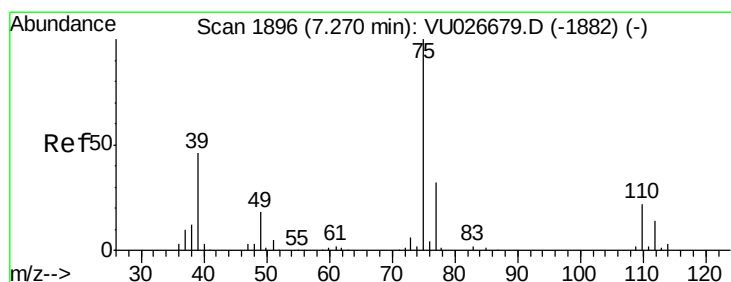
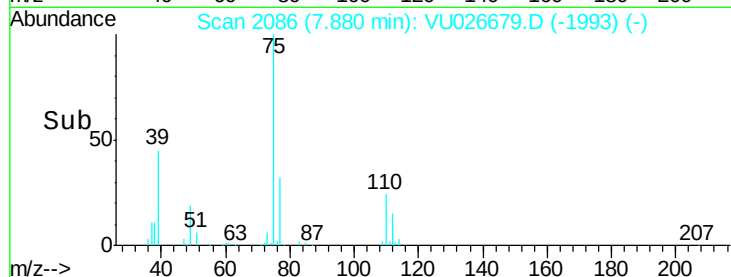
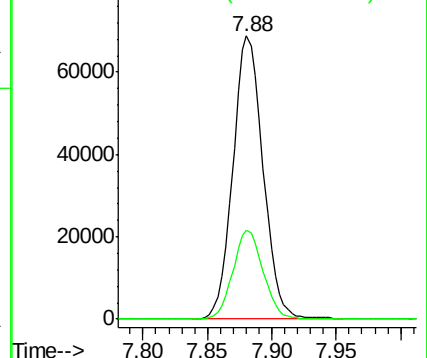
75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 52.19 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

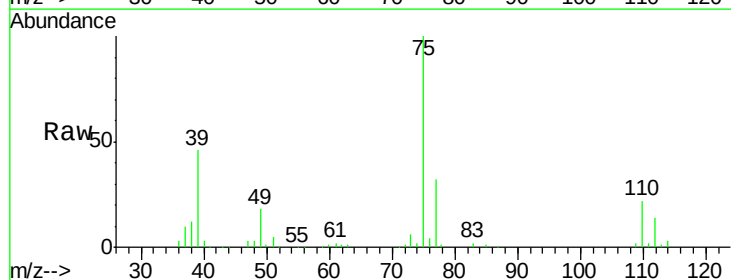
Tgt Ion: 75 Resp: 119140

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

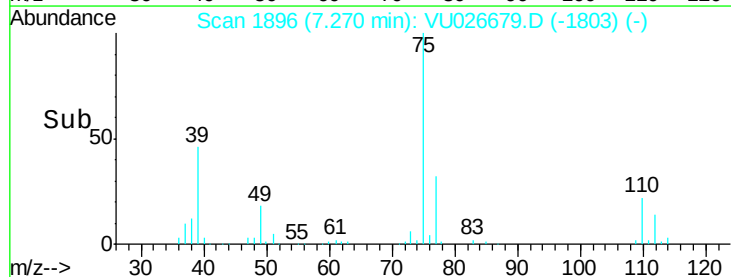
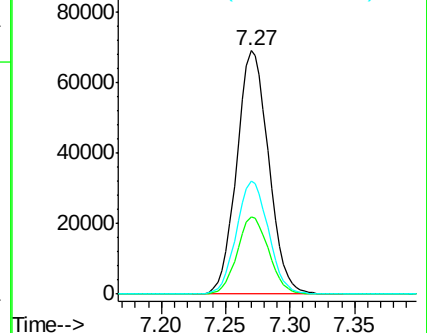
39 46.3 37.0 55.6

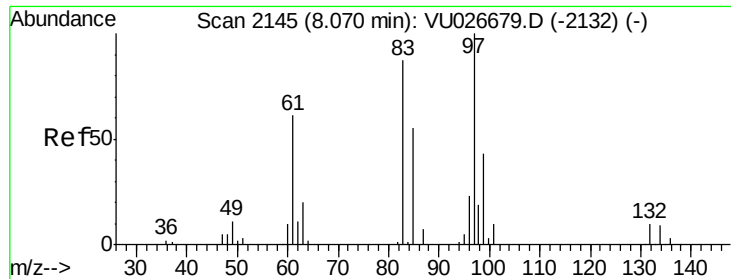


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

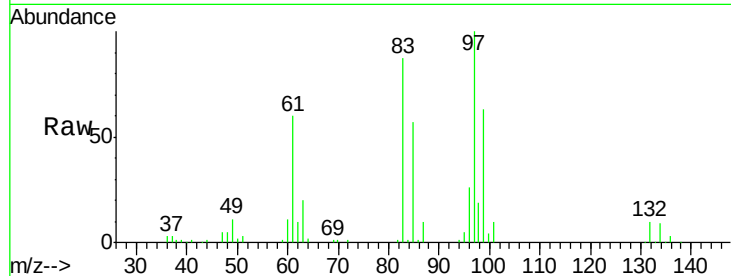




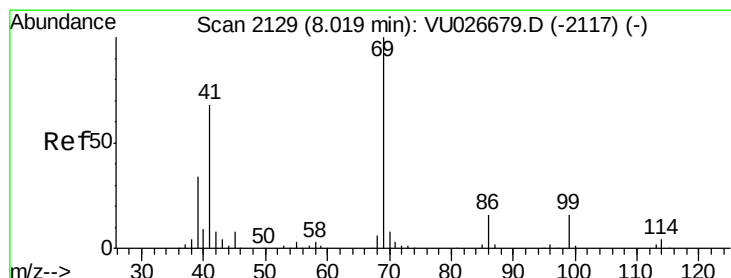
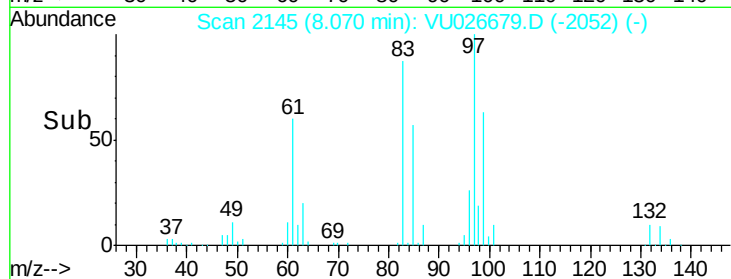
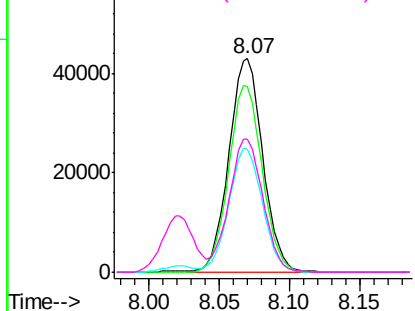
#55
 1,1,2-Trichloroethane
 Concen: 51.14 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	72415
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.3	103.9
85	57.4	45.9	68.9
99	62.6	50.1	75.1

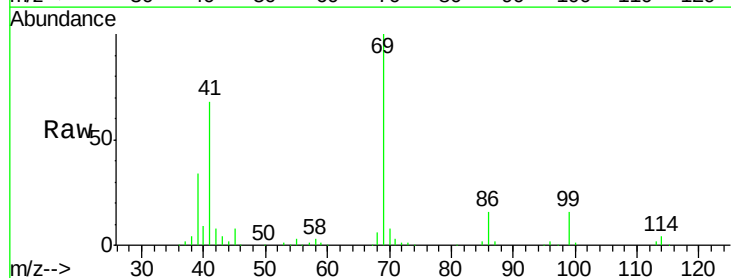


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

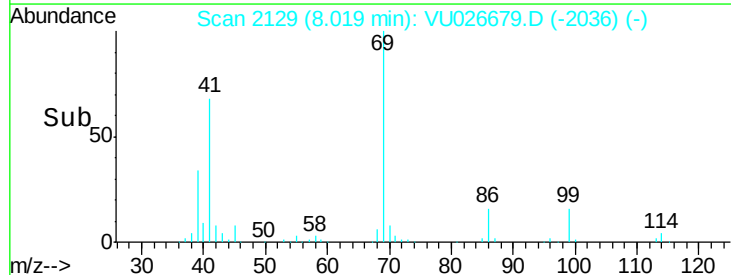
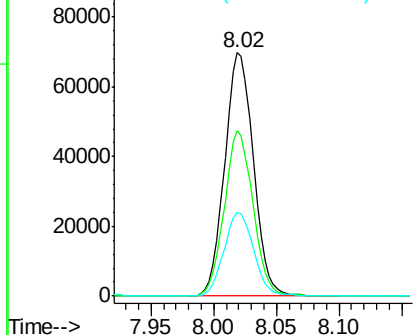


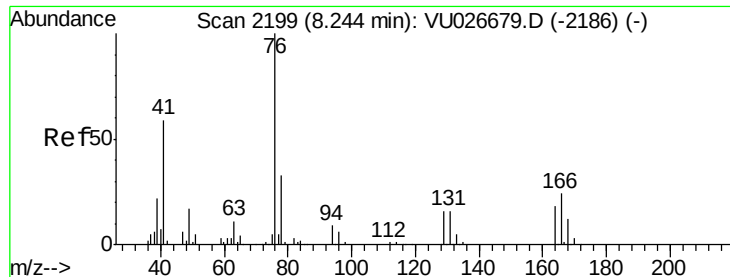
#56
 Ethyl methacrylate
 Concen: 53.77 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion:	69	Resp:	111177
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.2	81.2
39	35.5	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

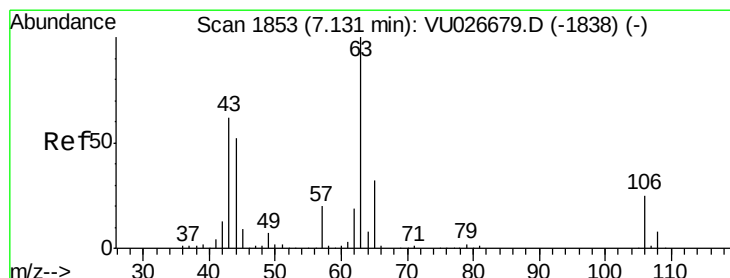
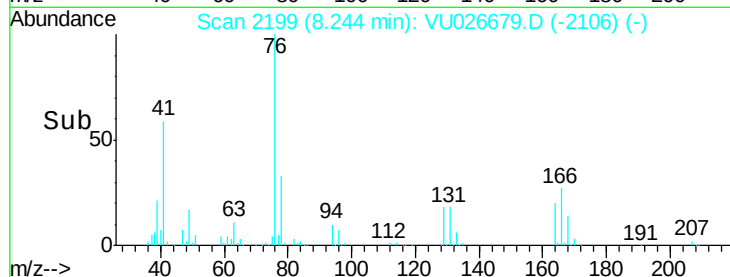
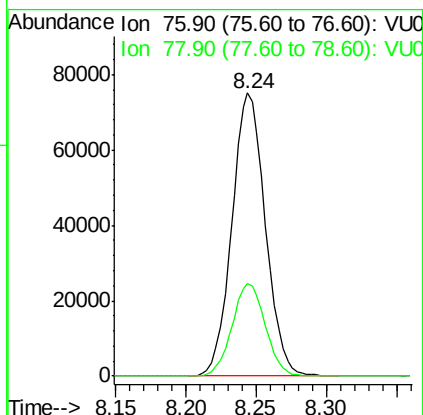
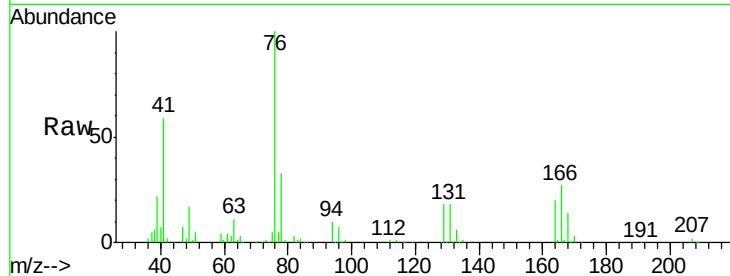




#57
 1,3-Dichloropropane
 Concen: 51.52 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

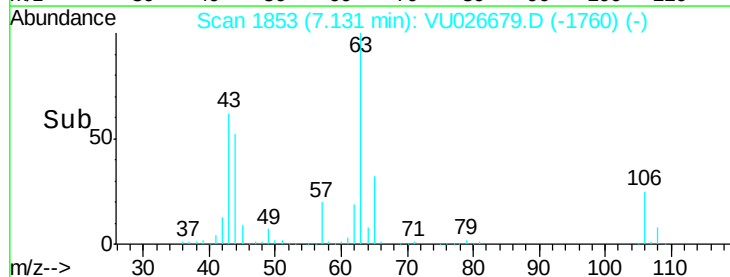
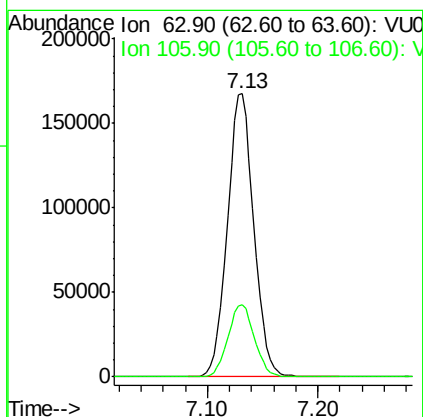
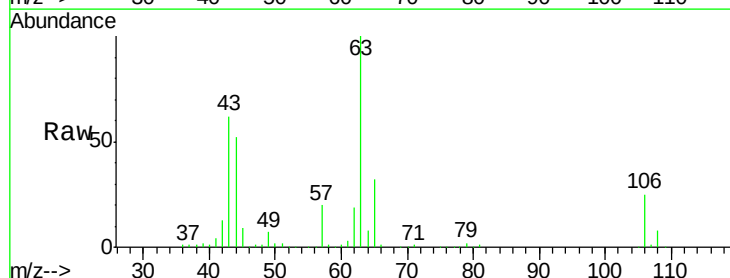
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

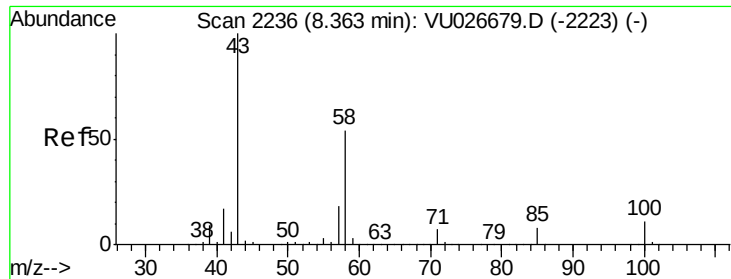
Tot Ion: 76 Resp: 124340
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.37 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion: 63 Resp: 277605
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.5 30.7

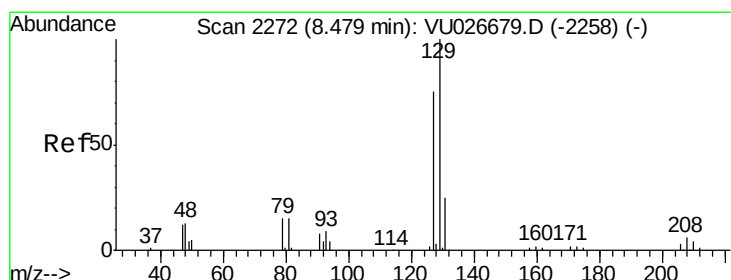
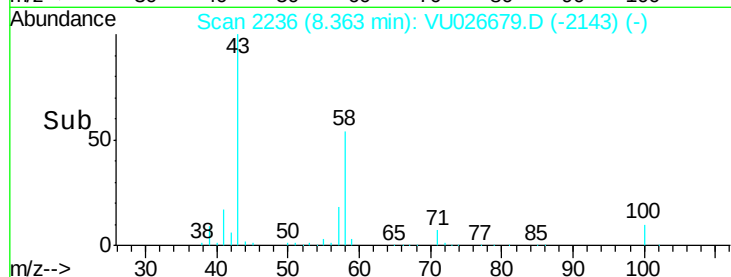
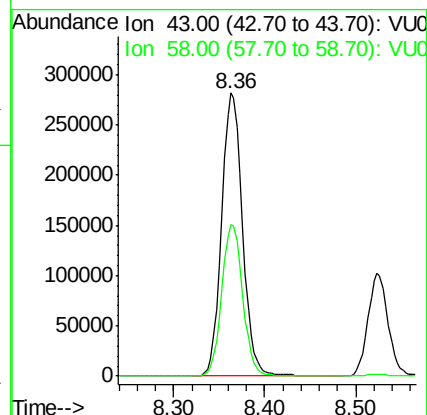
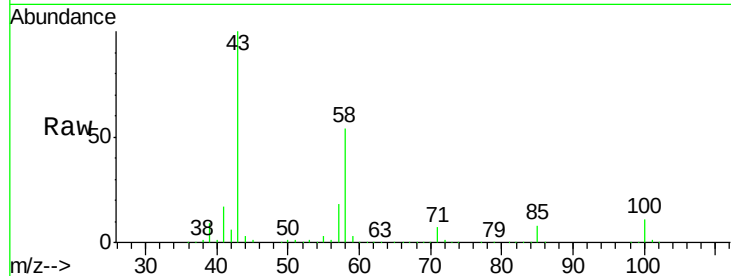




#59
2-Hexanone
Concen: 261.27 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

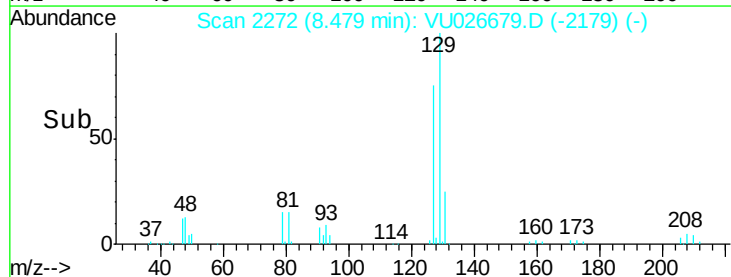
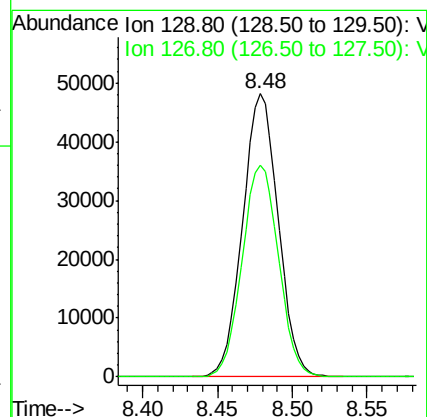
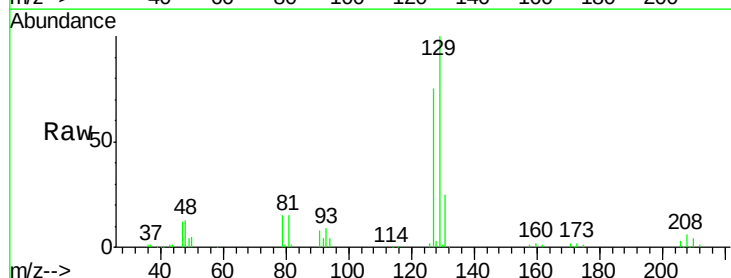
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

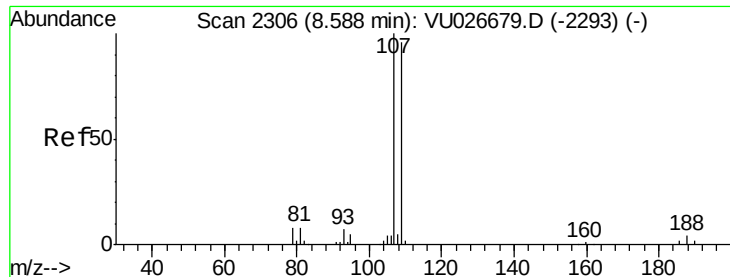
Tot Ion: 43 Resp: 449906
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.7



#60
Dibromochloromethane
Concen: 52.14 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 129 Resp: 79961
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.13 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

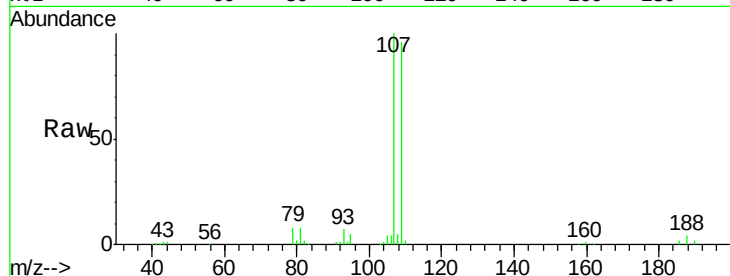
VSTDICCC050

Tot Ion:107 Resp: 77020

Ion Ratio Lower Upper

107 100

109 94.6 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

50000

40000

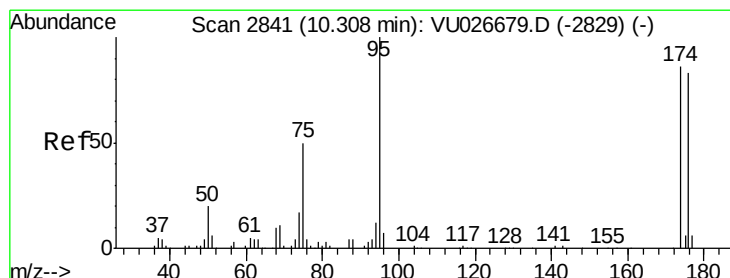
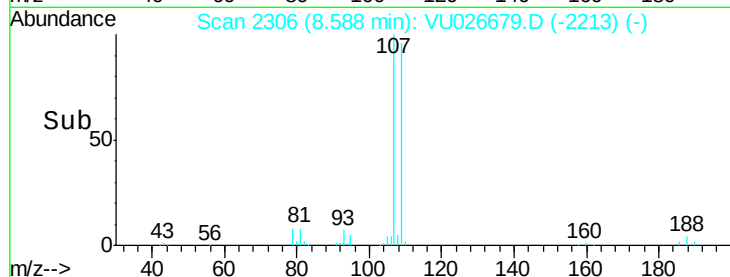
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 49.69 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

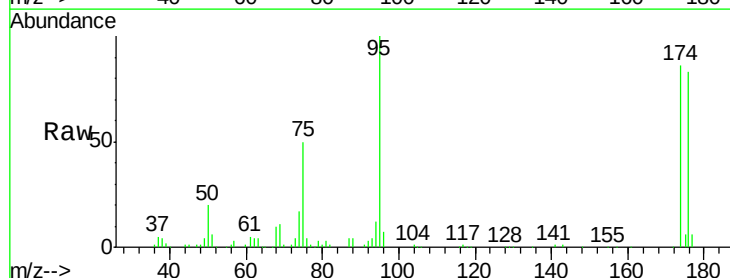
Tgt Ion: 95 Resp: 86449

Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.8

176 84.3 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

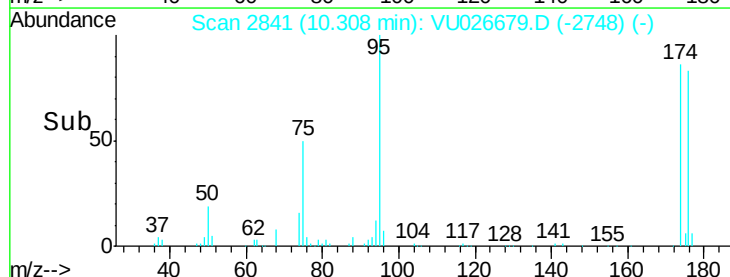
60000

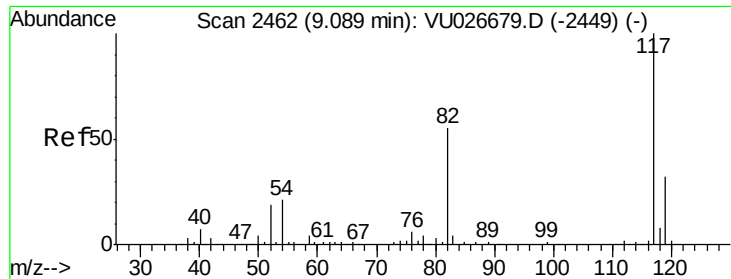
40000

20000

0

Time--> 10.25 10.30 10.35

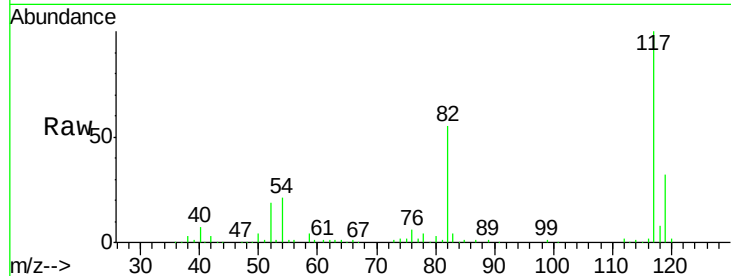




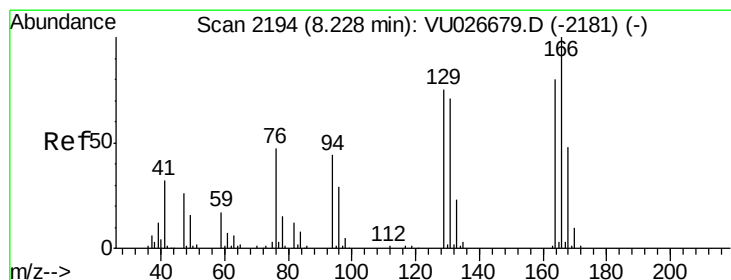
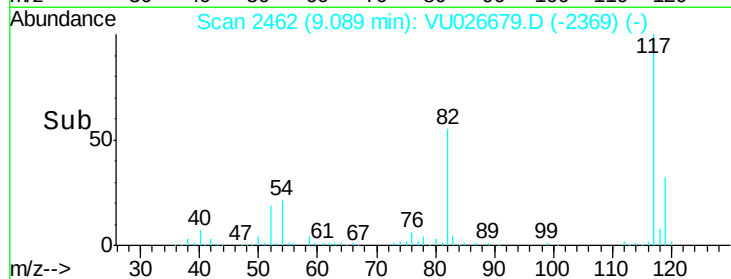
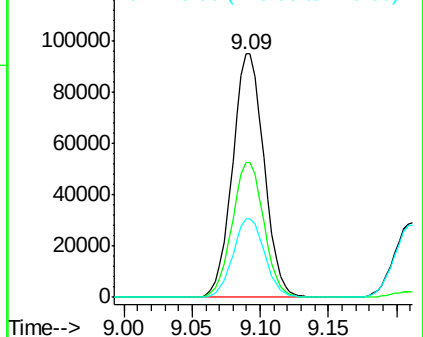
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 152395
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.1 25.7 38.5

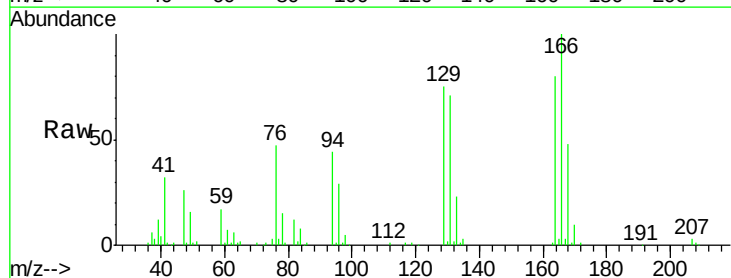


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

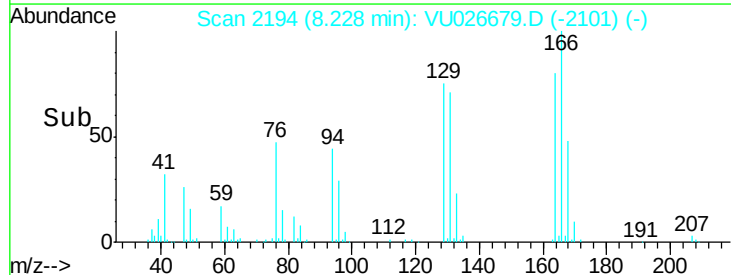
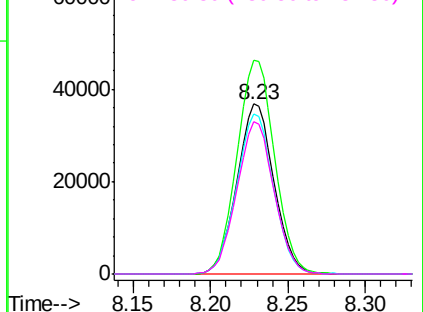


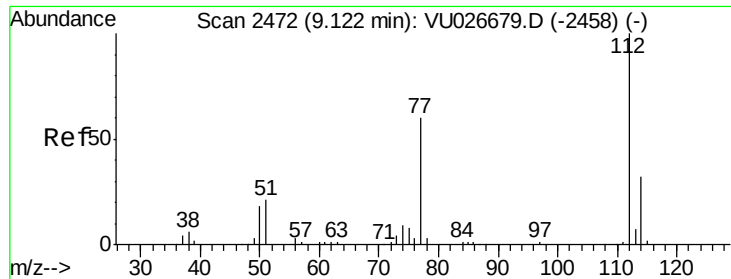
#64
Tetrachloroethene
Concen: 50.54 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:164 Resp: 61299
Ion Ratio Lower Upper
164 100
166 125.6 100.5 150.7
129 94.1 75.3 112.9
131 89.3 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

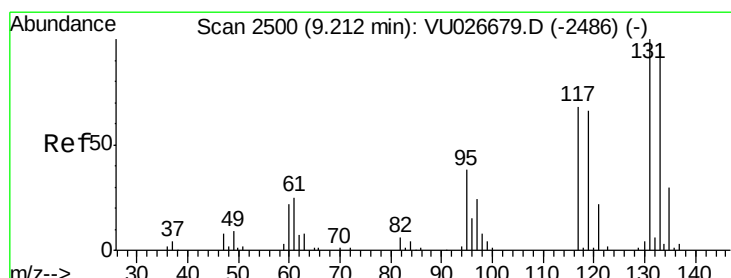
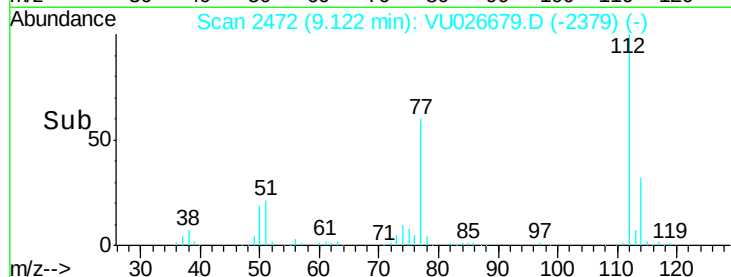
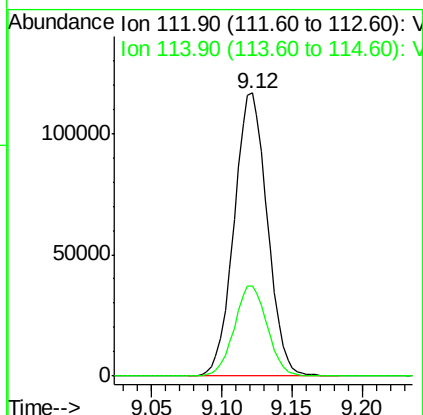
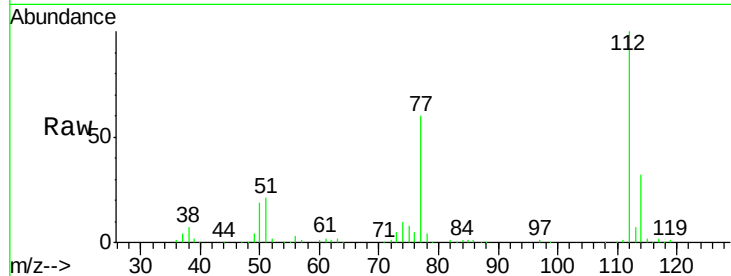




#65
Chlorobenzene
Concen: 50.83 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

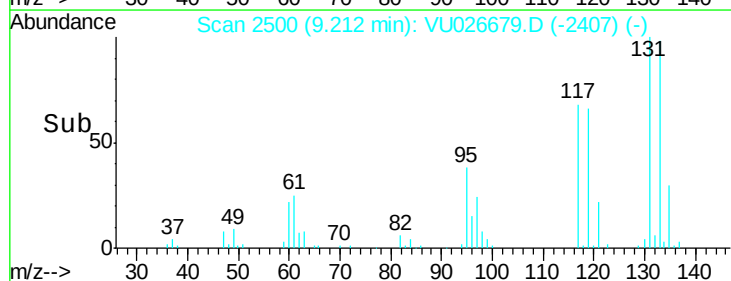
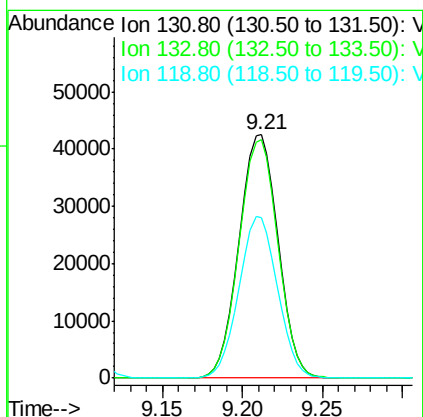
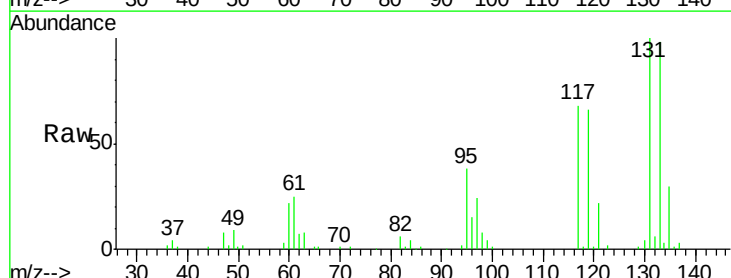
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

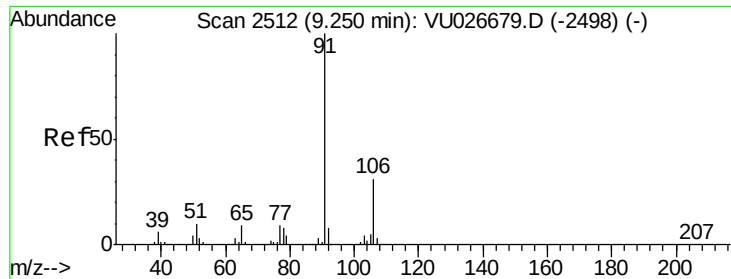
Tot Ion:112 Resp: 192465
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.76 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:131 Resp: 70717
Ion Ratio Lower Upper
131 100
133 97.7 48.9 146.6
119 65.4 32.7 98.1

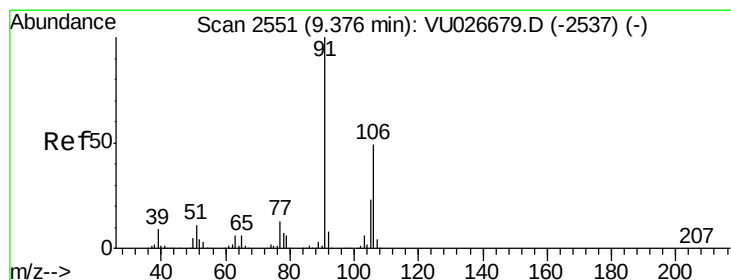
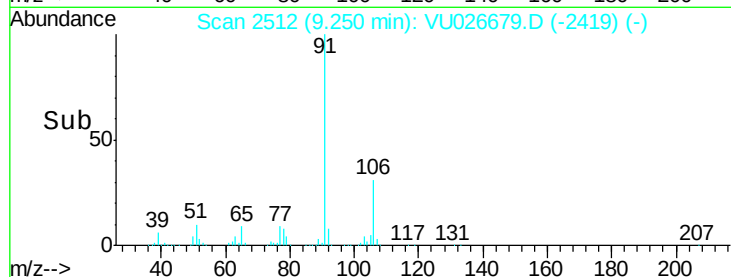
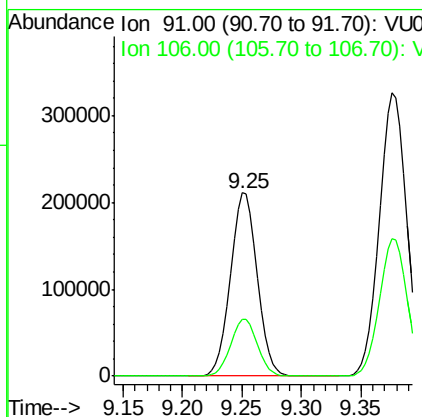
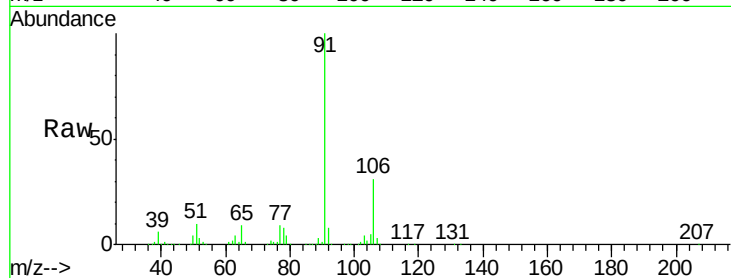




#67
Ethyl Benzene
Concen: 52.78 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

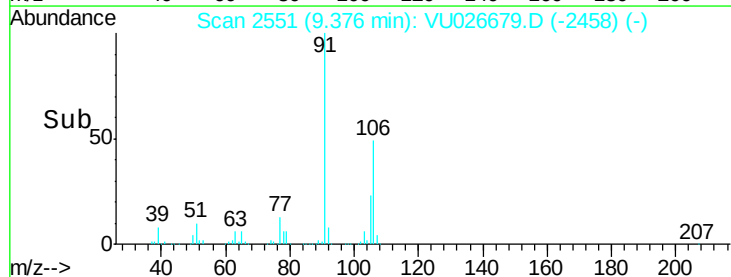
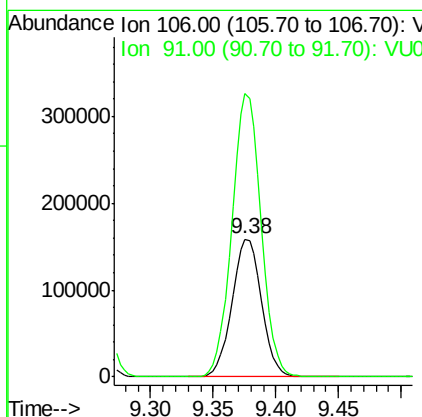
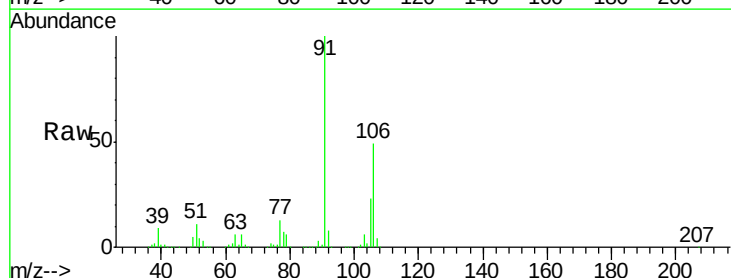
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

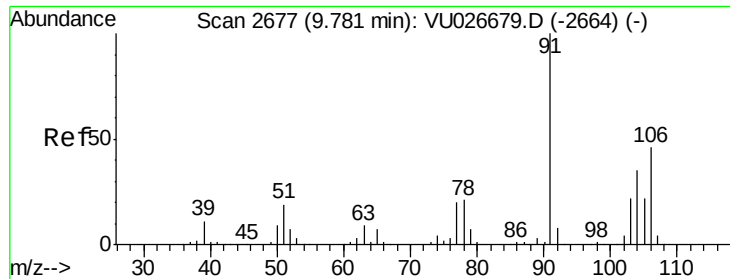
Tot Ion: 91 Resp: 329176
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 108.96 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 106 Resp: 258523
Ion Ratio Lower Upper
106 100
91 202.6 162.1 243.1

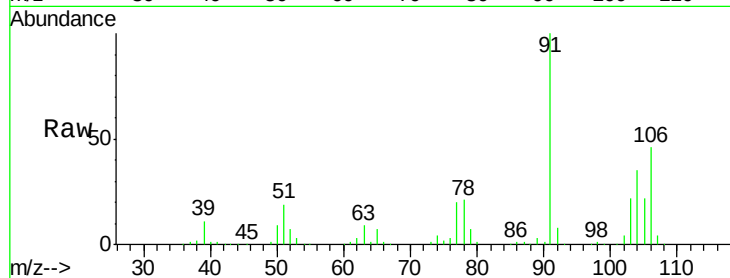




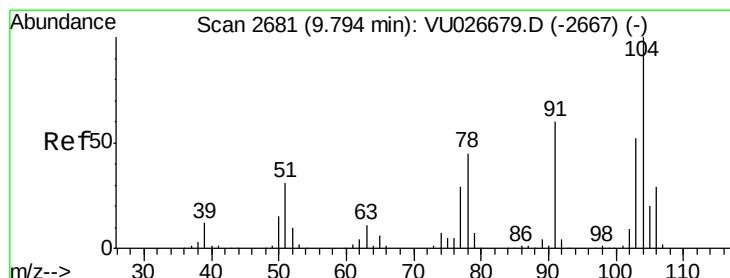
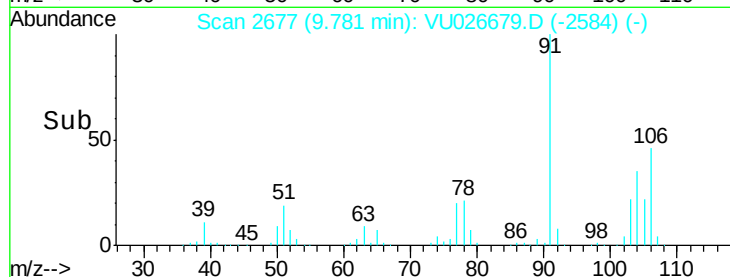
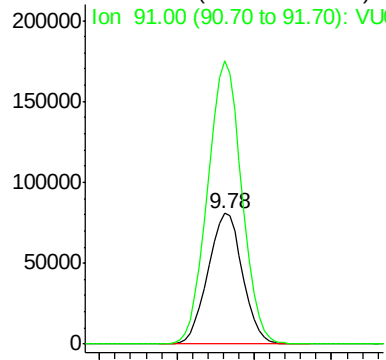
#69
o-Xylene
Concen: 54.30 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 125502
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8

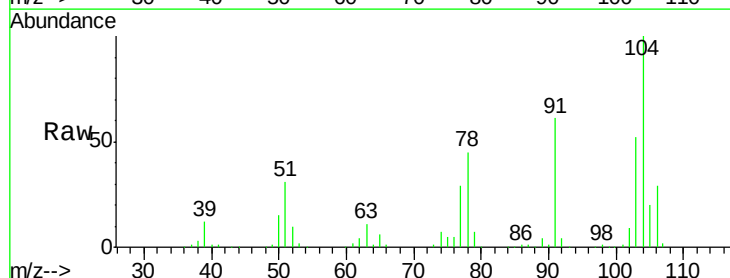


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

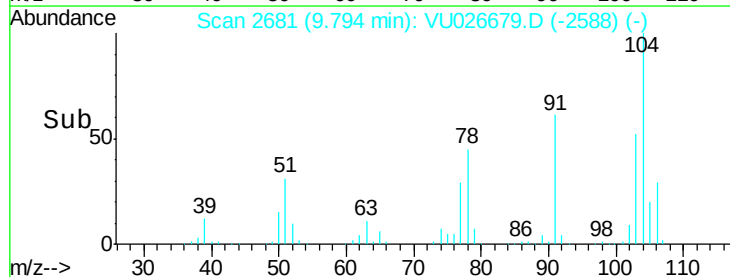
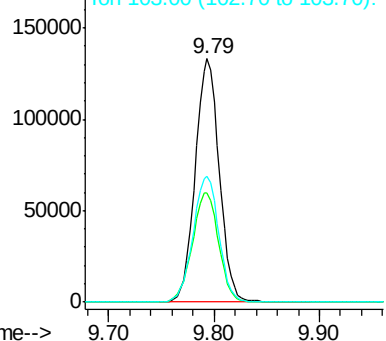


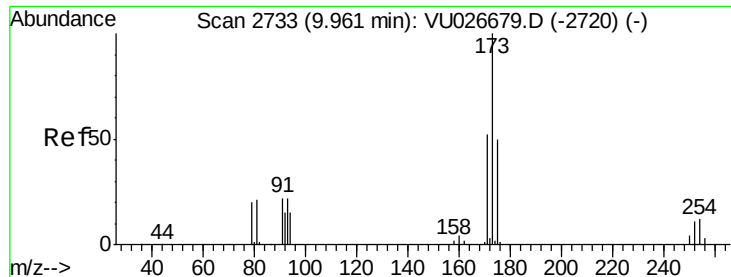
#70
Styrene
Concen: 55.28 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:104 Resp: 209161
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 55.6 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: 51.91 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

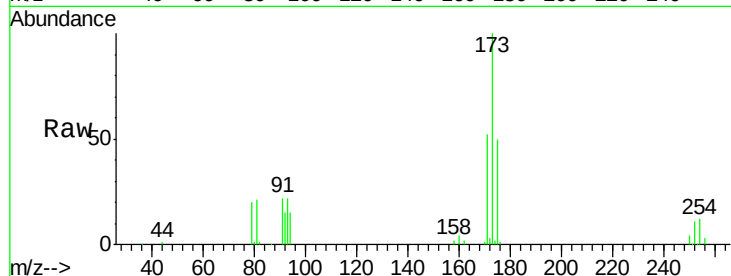
Tot Ion:173 Resp: 62897

Ion Ratio Lower Upper

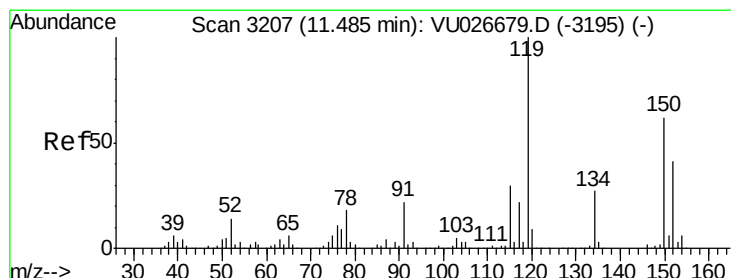
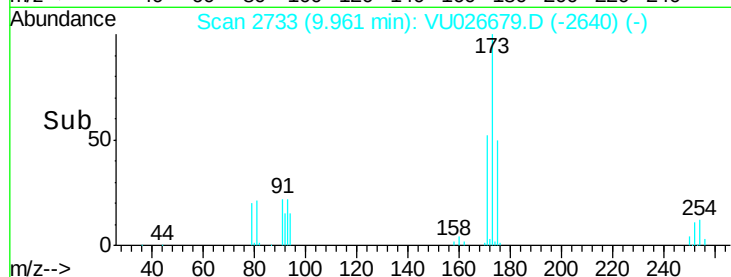
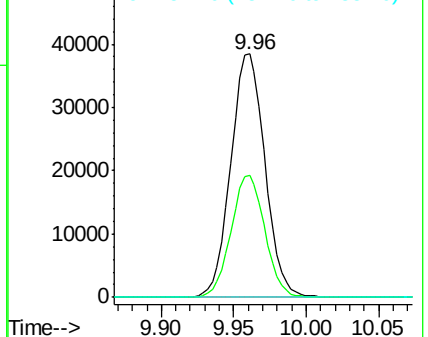
173 100

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: VU026679.D

Acq: 11 Sep 2018 11:43

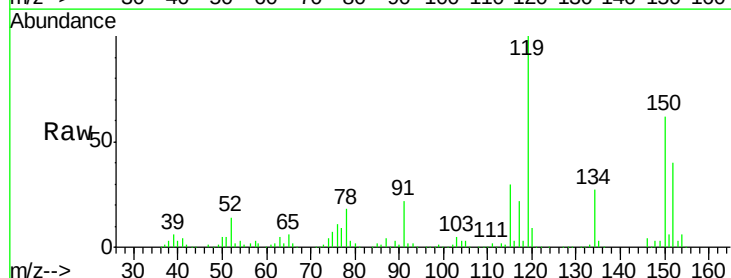
Tgt Ion:152 Resp: 94049

Ion Ratio Lower Upper

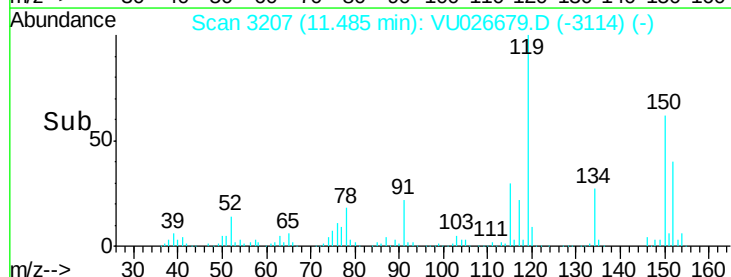
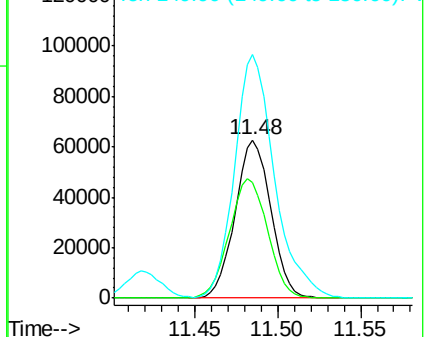
152 100

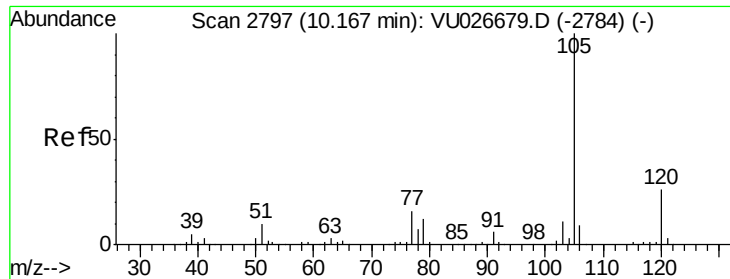
115 80.7 40.4 121.1

150 172.6 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: 52.14 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

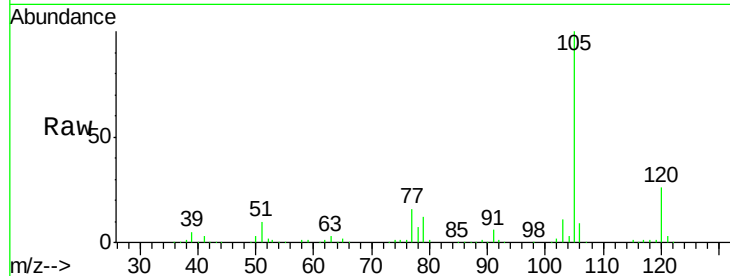
VSTDICCC050

Tot Ion:105 Resp: 334170

Ion Ratio Lower Upper

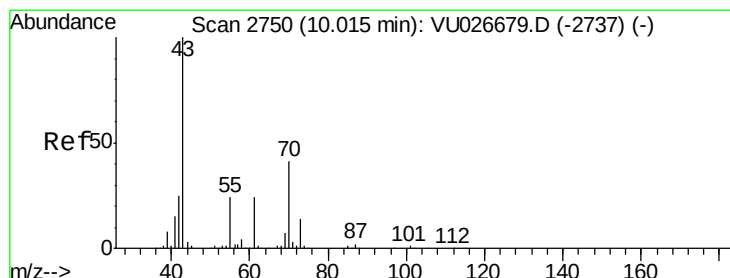
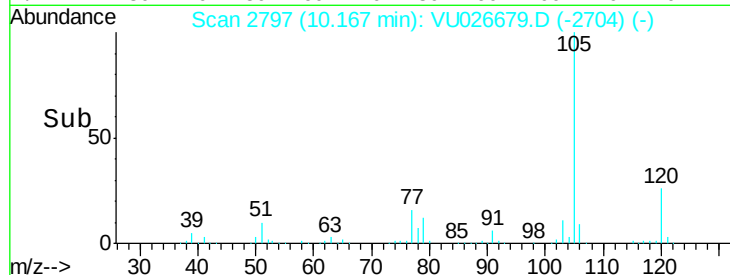
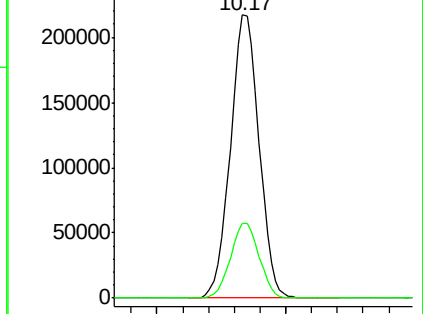
105 100

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: 52.55 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Tgt Ion: 43 Resp: 159010

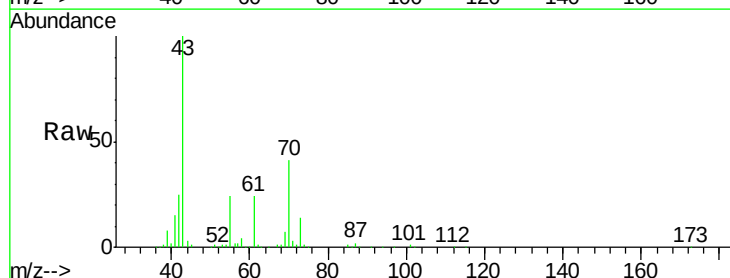
Ion Ratio Lower Upper

43 100

70 40.7 32.6 48.8

55 23.9 19.1 28.7

61 24.2 19.4 29.0

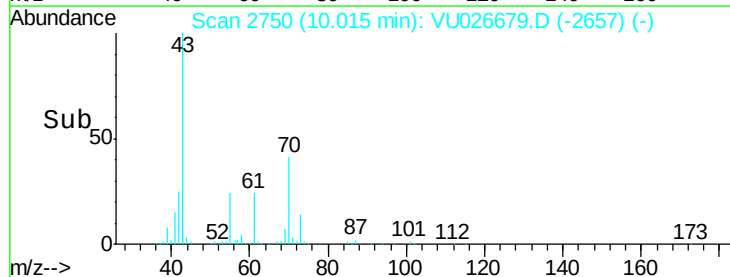
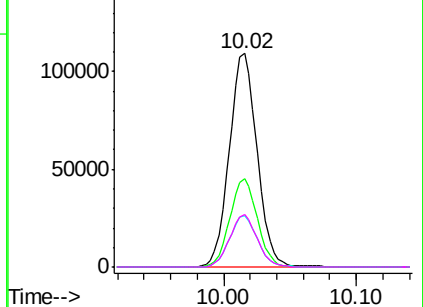


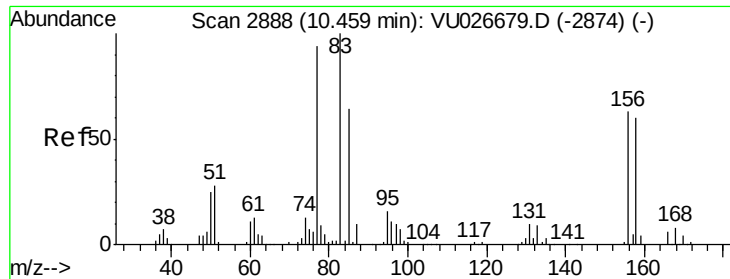
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 47.44 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

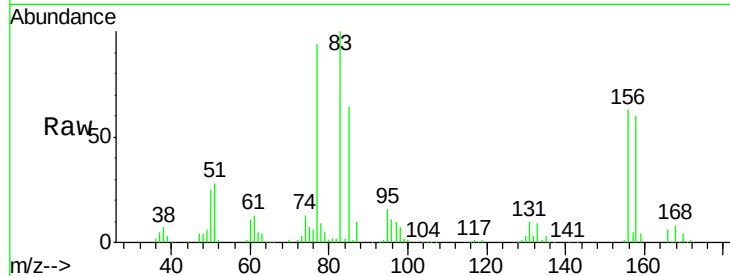
Tot Ion: 83 Resp: 123907

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

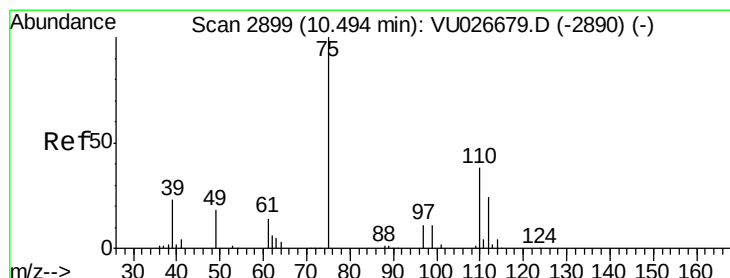
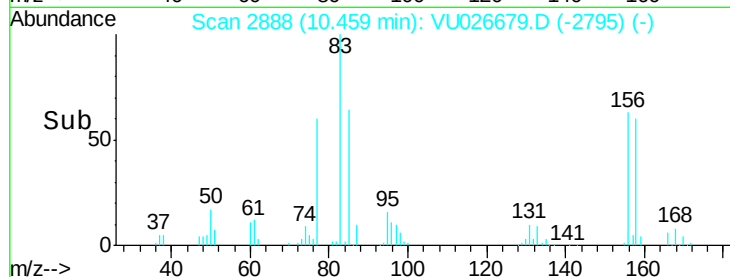
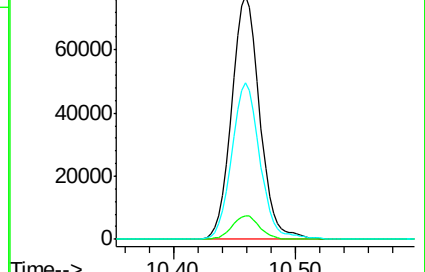
85 64.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU026679.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU026679.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU026679.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 59.58 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026679.D

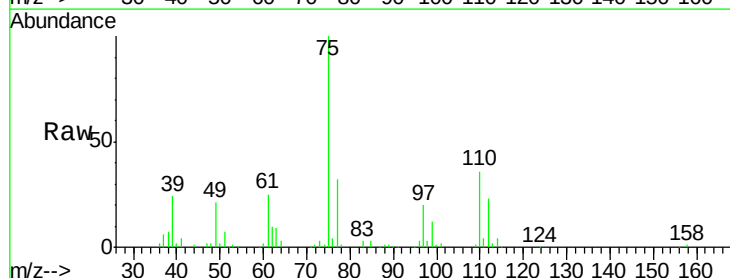
Acq: 11 Sep 2018 11:43

Tgt Ion: 75 Resp: 142531

Ion Ratio Lower Upper

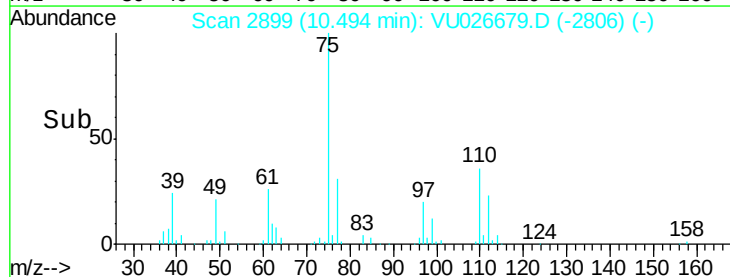
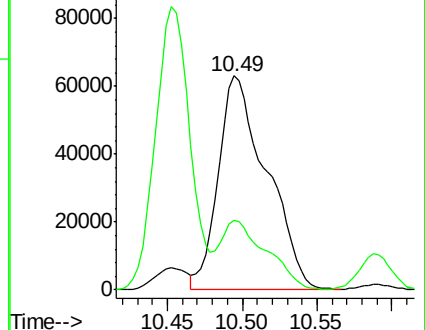
75 100

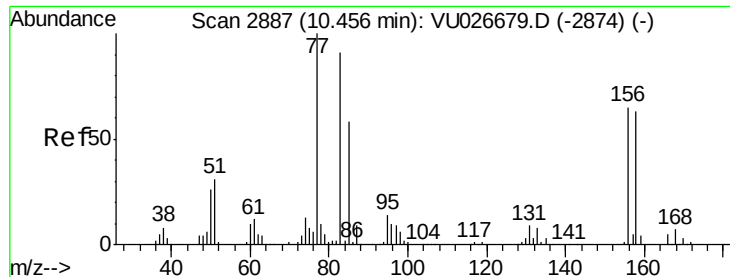
77 29.8 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU026679.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026679.D (-2890) (-)





#77

Bromobenzene

Concen: 49.27 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC050

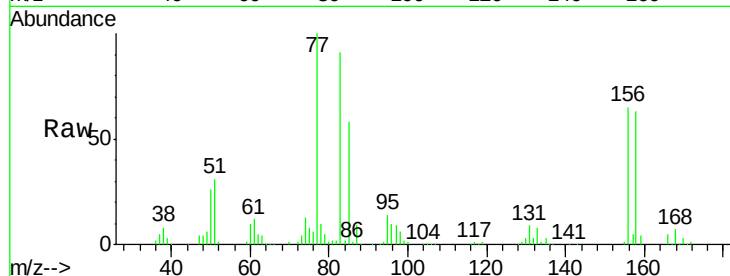
Tot Ion:156 Resp: 85821

Ion Ratio Lower Upper

156 100

77 155.3 77.6 232.9

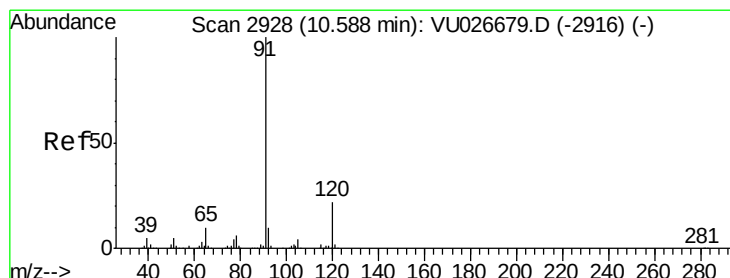
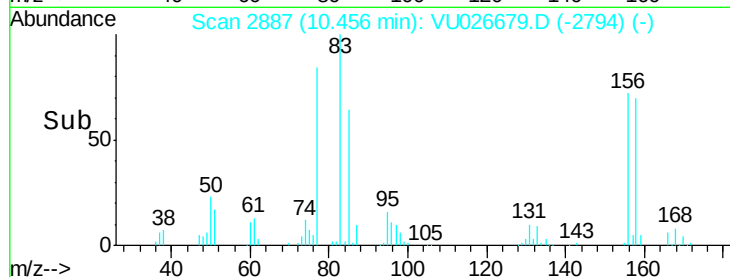
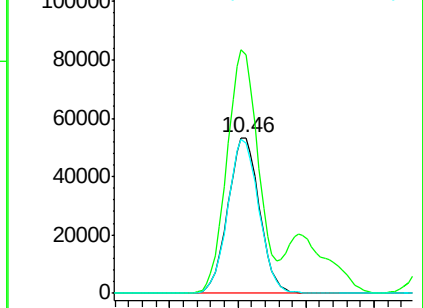
158 97.7 48.9 146.6



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: 53.51 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026679.D

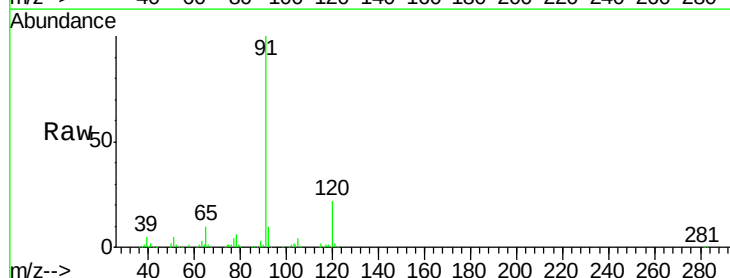
Acq: 11 Sep 2018 11:43

Tgt Ion: 91 Resp: 398849

Ion Ratio Lower Upper

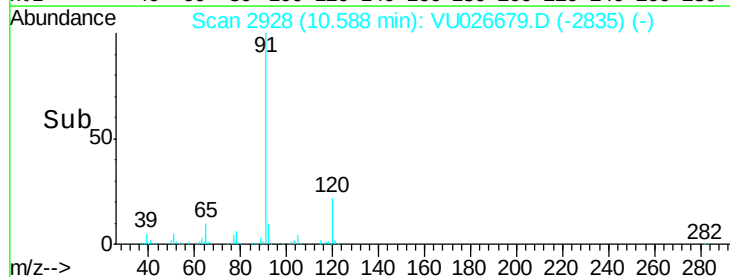
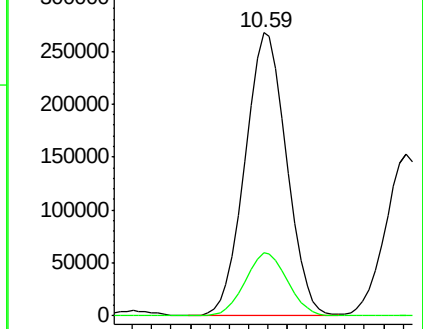
91 100

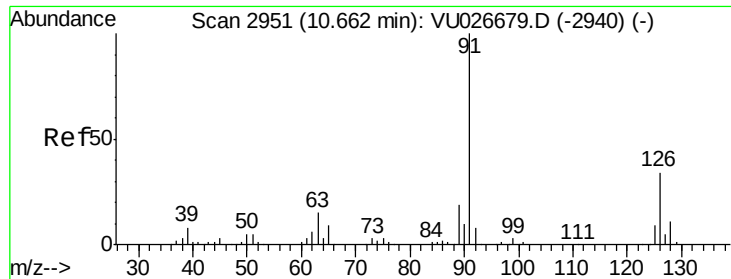
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.62 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

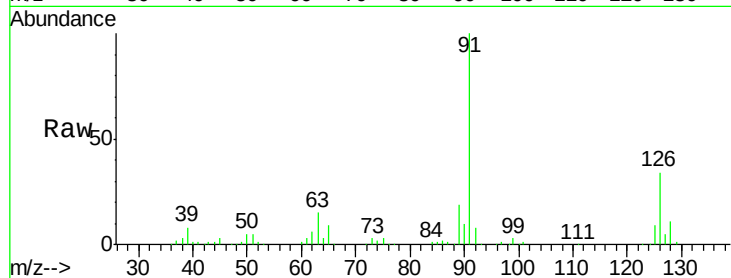
VSTDICCC050

Tot Ion: 91 Resp: 233917

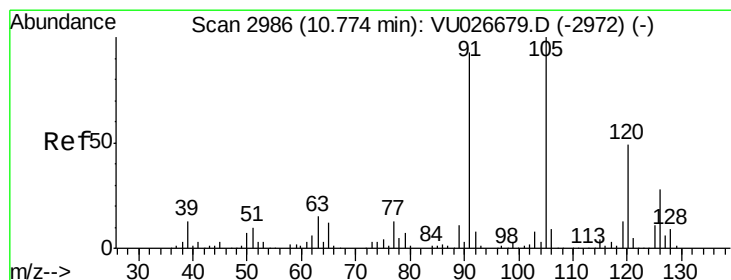
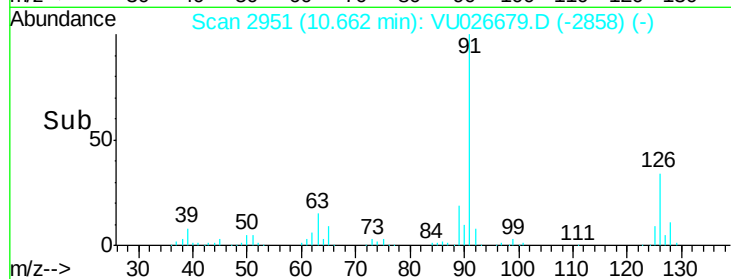
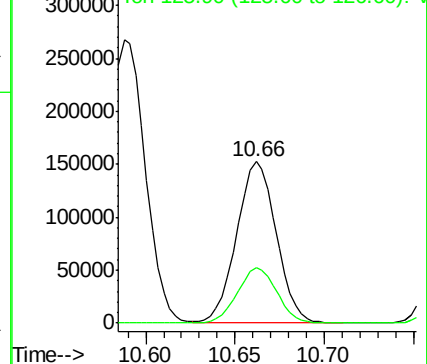
Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VU026679.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.06 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026679.D

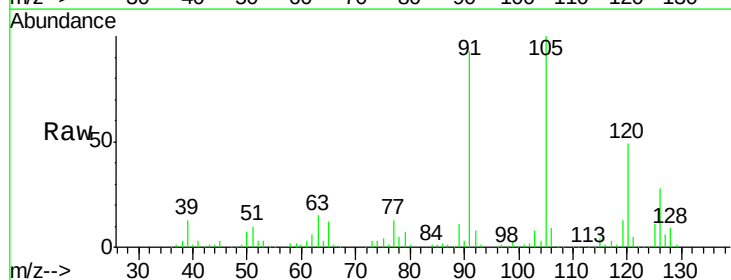
Acq: 11 Sep 2018 11:43

Tgt Ion: 105 Resp: 285855

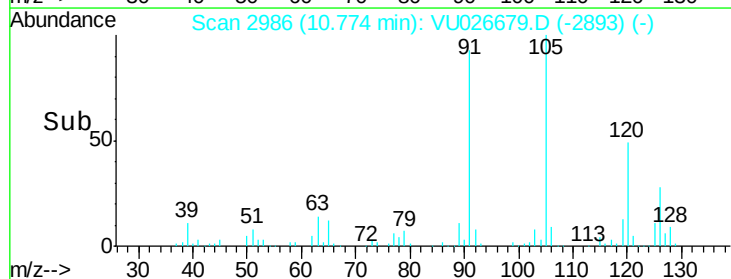
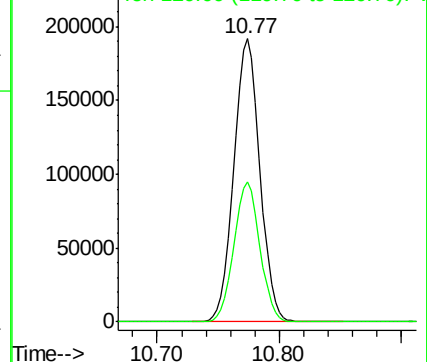
Ion Ratio Lower Upper

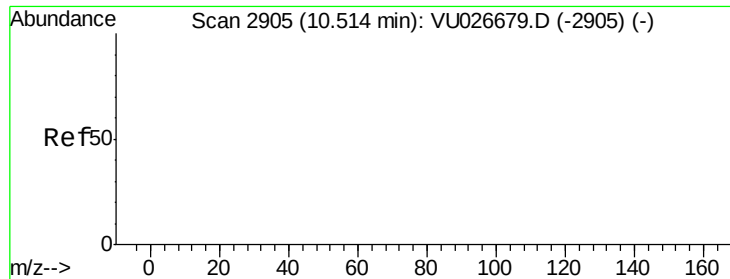
105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VU026679.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 133.19 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

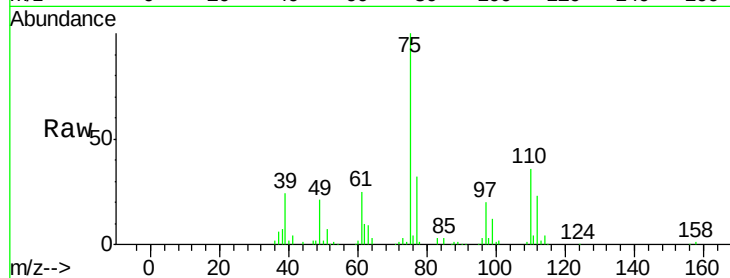
Tot Ion: 75 Resp: 142531

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

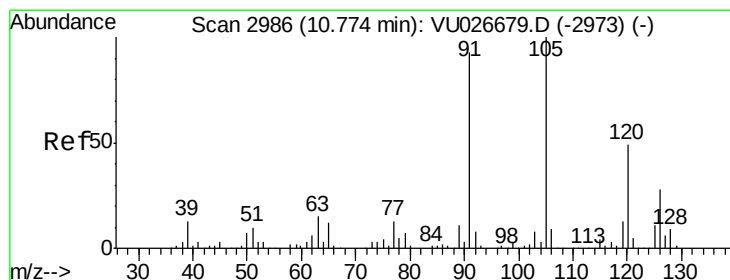
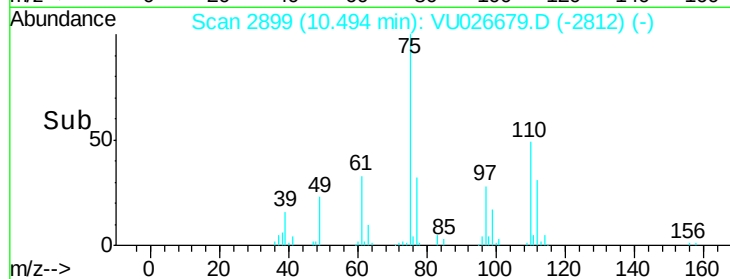
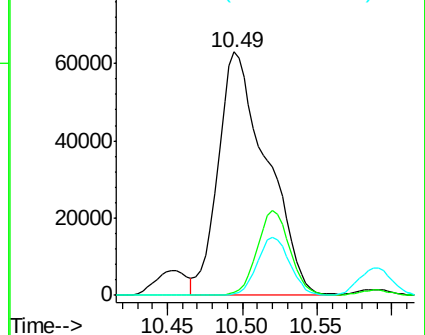
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 52.25 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026679.D

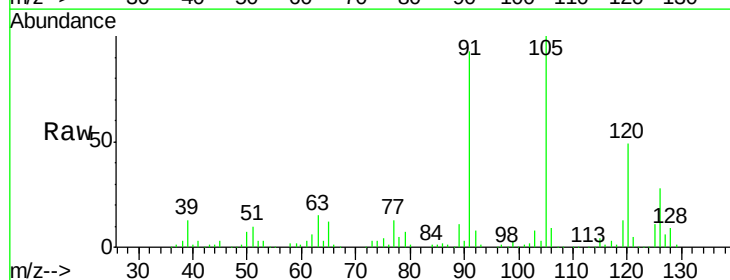
Acq: 11 Sep 2018 11:43

Tgt Ion: 91 Resp: 271250

Ion Ratio Lower Upper

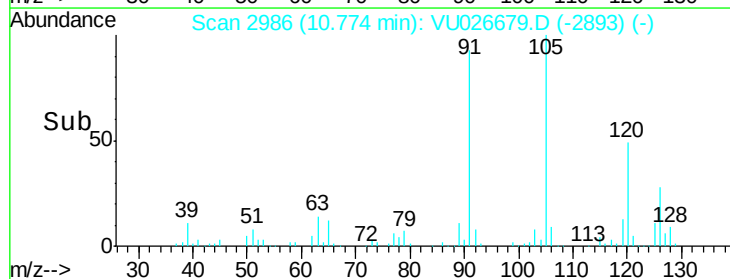
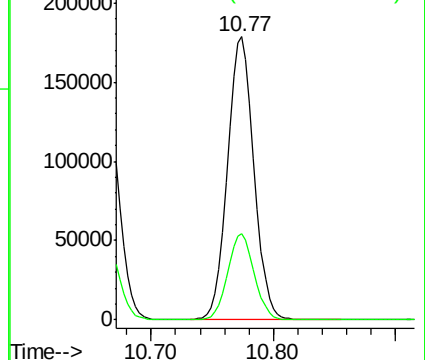
91 100

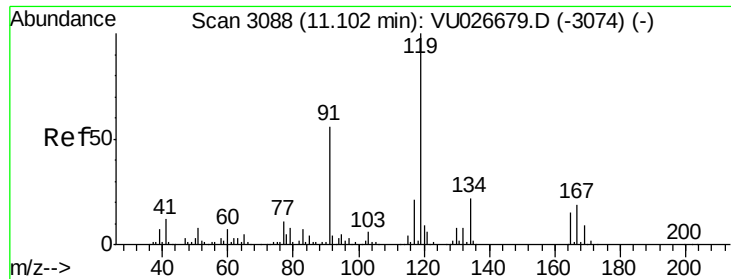
126 30.3 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

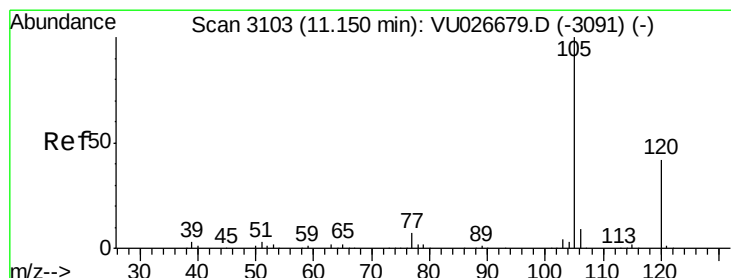
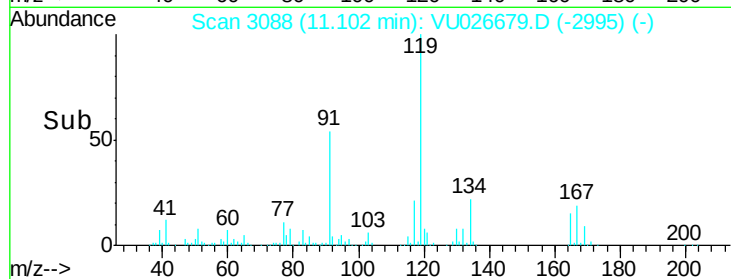
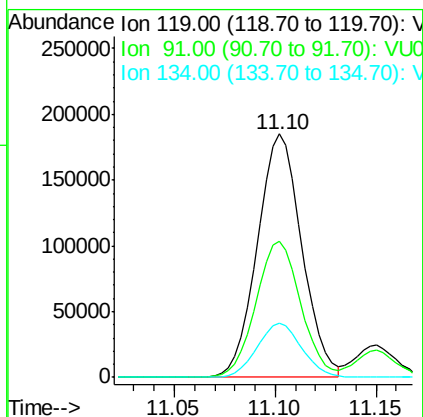
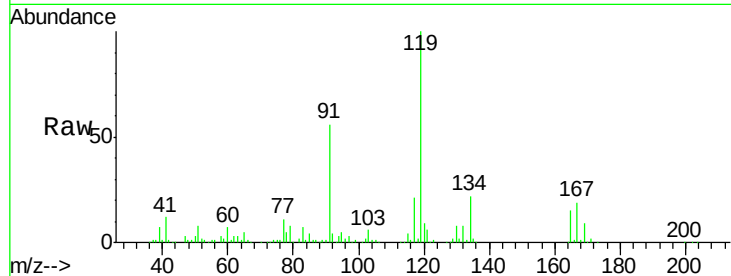




#83
 tert-Butylbenzene
 Concen: 51.95 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

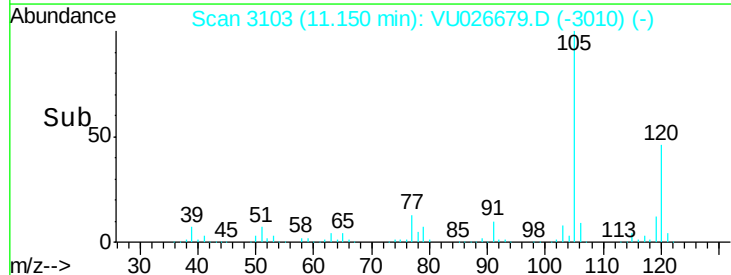
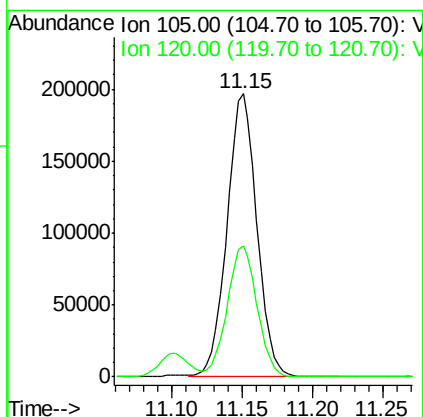
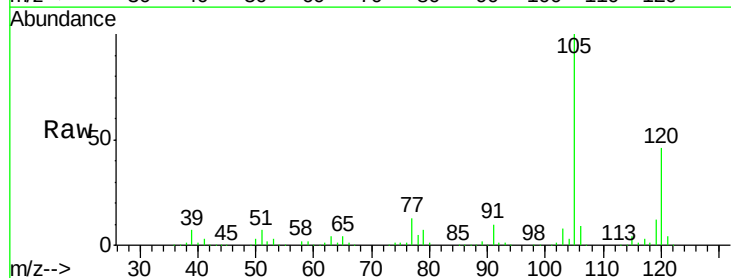
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

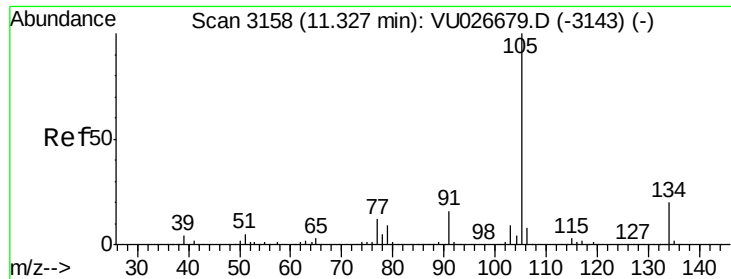
Tot Ion:119 Resp: 284021
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.3 85.0
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.33 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion:105 Resp: 289751
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 53.41 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_U

ClientSampleId :

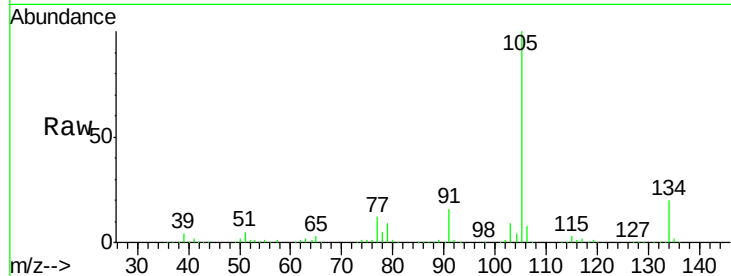
VSTDICCC050

Tot Ion:105 Resp: 346755

Ion Ratio Lower Upper

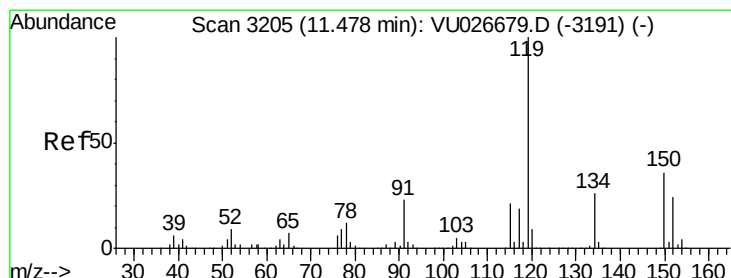
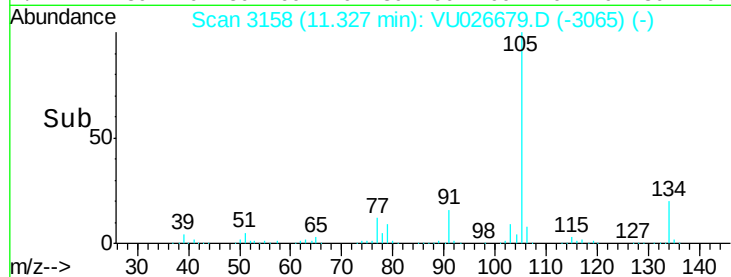
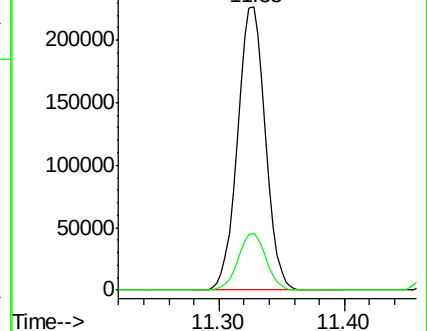
105 100

134 20.1 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: 54.34 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU026679.D

Acq: 11 Sep 2018 11:43

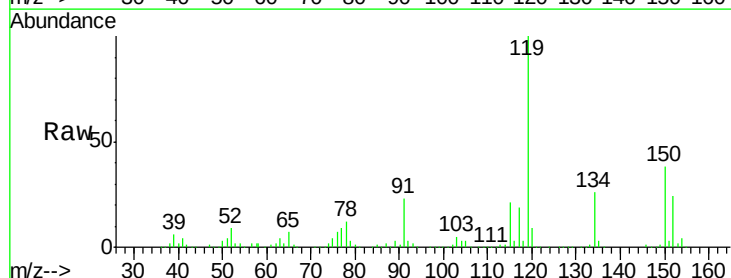
Tgt Ion:119 Resp: 307610

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

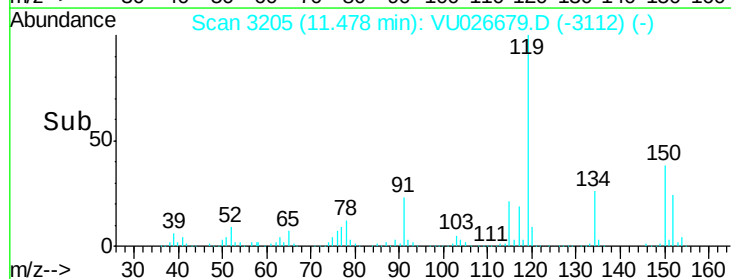
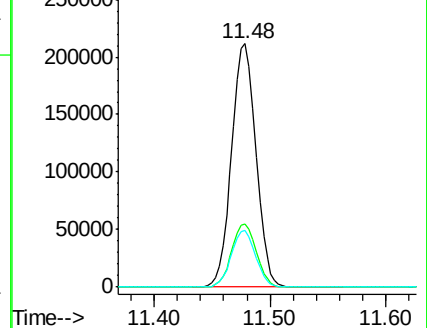
91 23.2 11.6 34.8

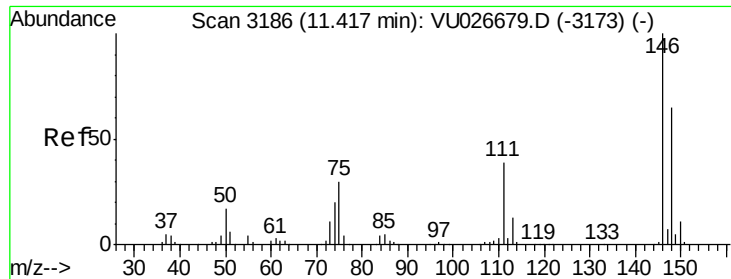


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

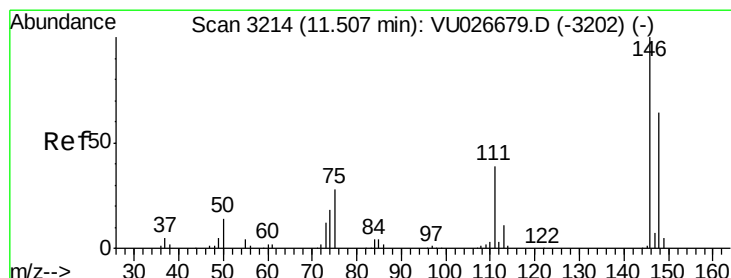
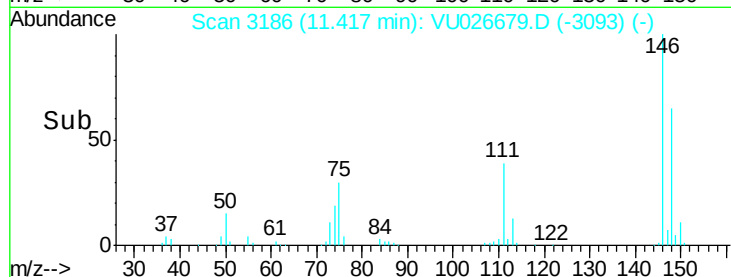
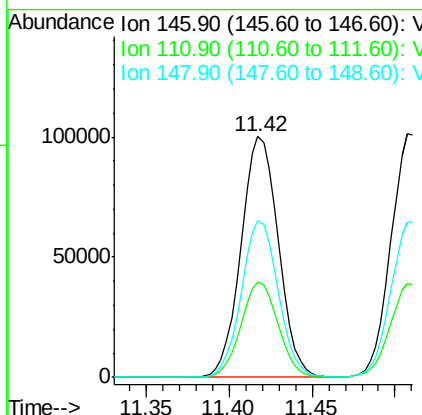
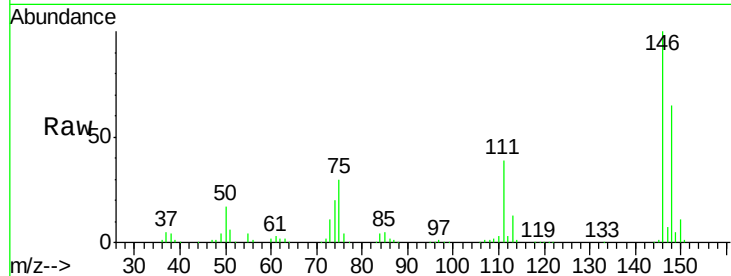




#87
 1,3-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

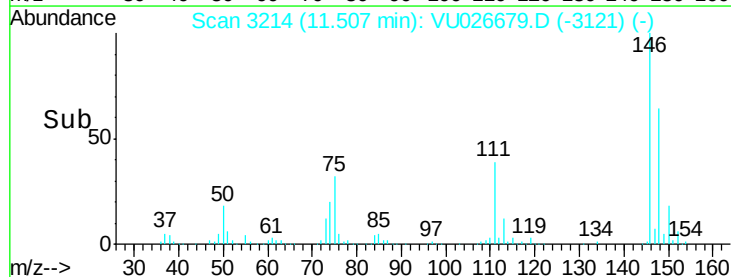
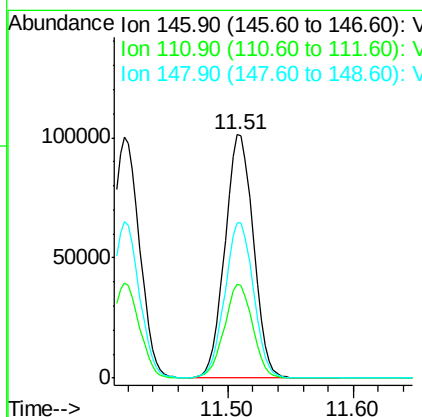
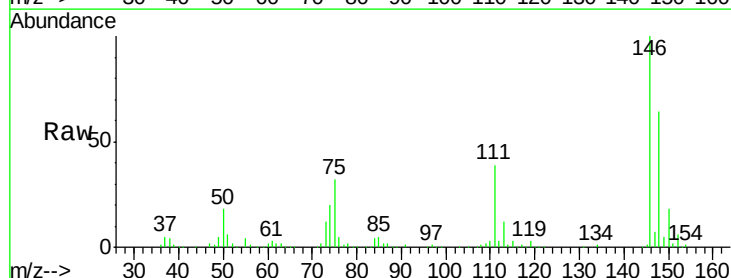
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

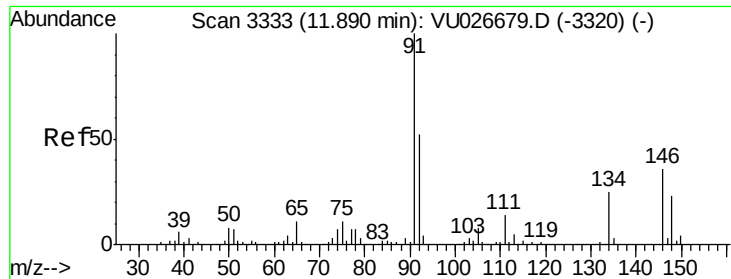
Tot Ion:146 Resp: 157165
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.35 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion:146 Resp: 159797
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.2 32.1 96.3

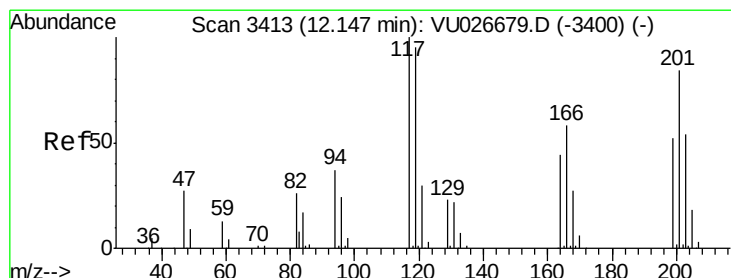
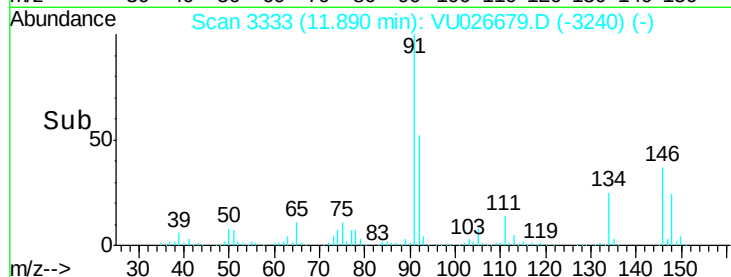
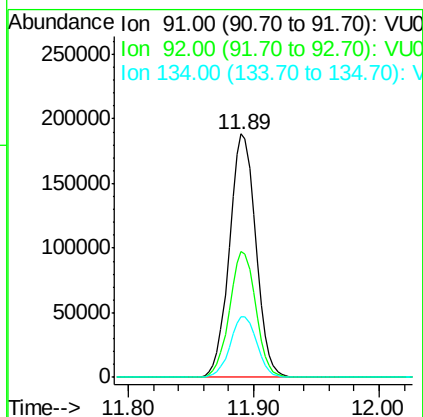
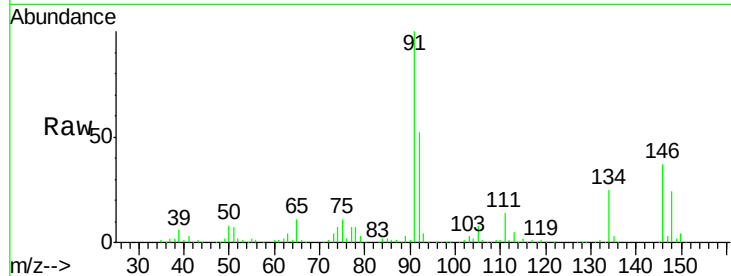




#89
n-Butylbenzene
Concen: 55.43 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

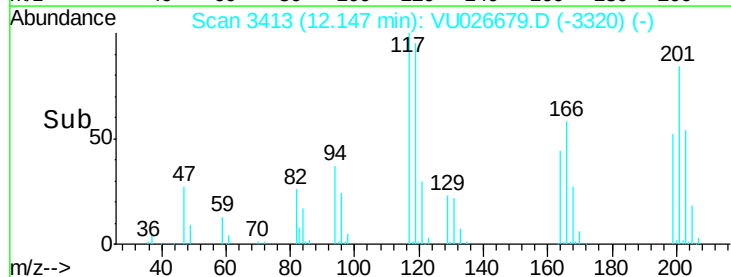
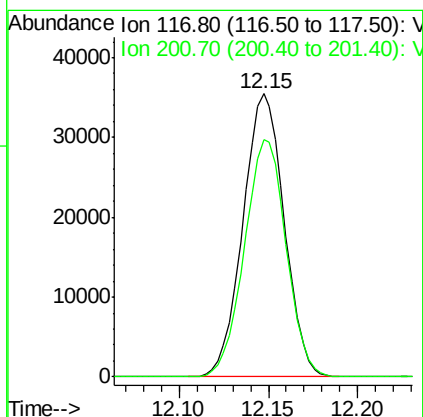
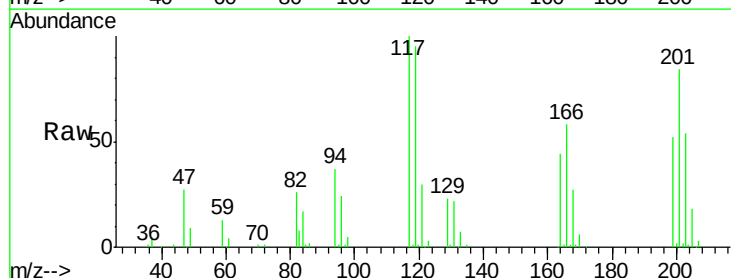
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

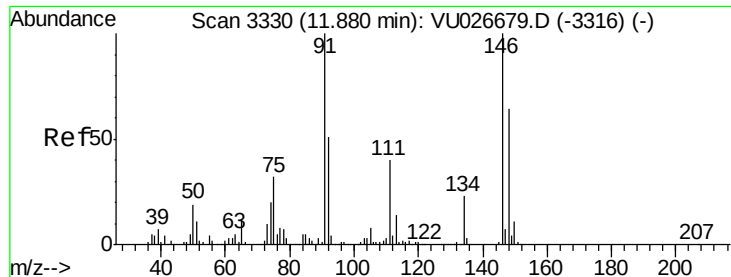
Tot Ion: 91 Resp: 274942
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 49.91 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion: 117 Resp: 57176
Ion Ratio Lower Upper
117 100
201 84.7 42.4 127.1

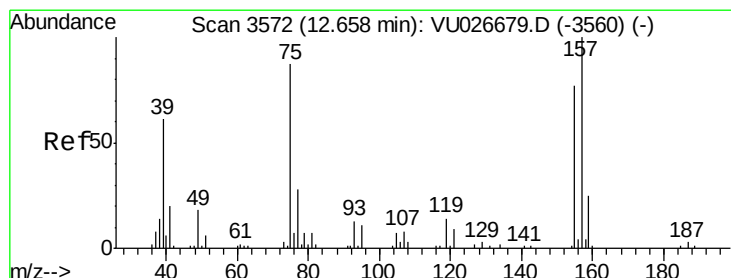
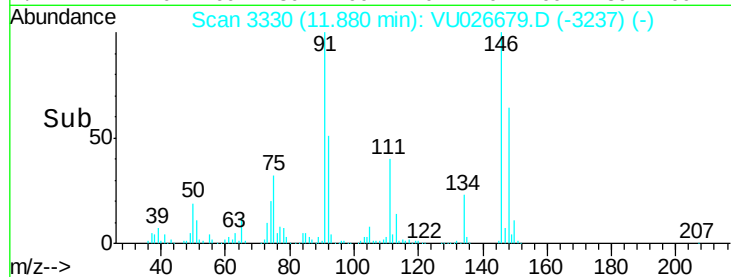
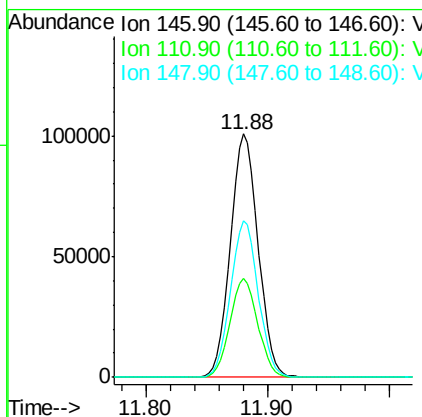
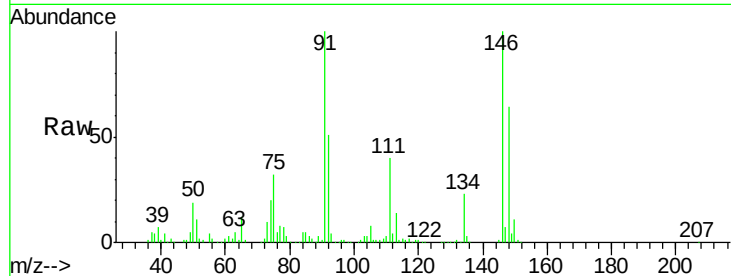




#91
 1,2-Dichlorobenzene
 Concen: 48.96 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

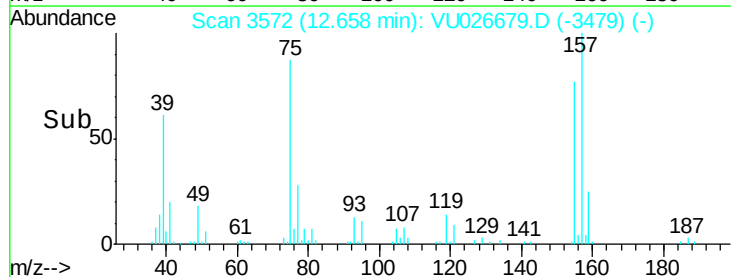
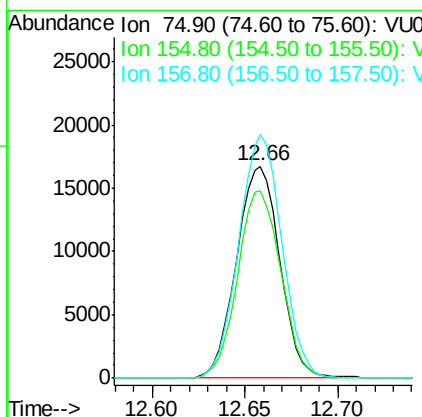
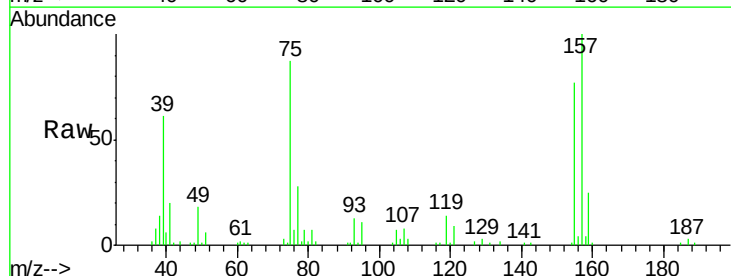
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

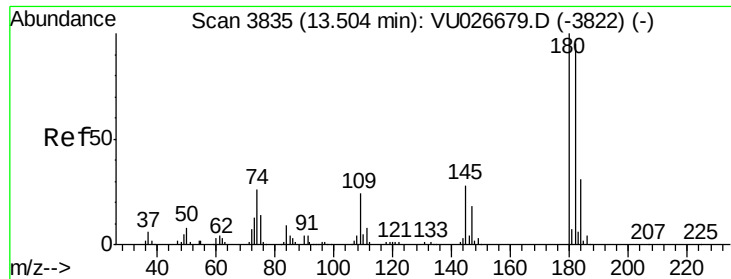
Tot Ion:146 Resp: 160044
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.84 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion: 75 Resp: 27148
 Ion Ratio Lower Upper
 75 100
 155 88.3 44.1 132.4
 157 114.4 57.2 171.6

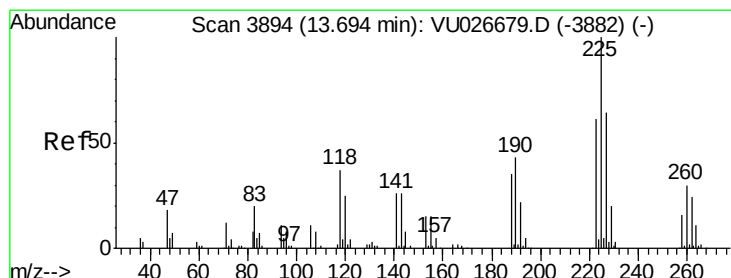
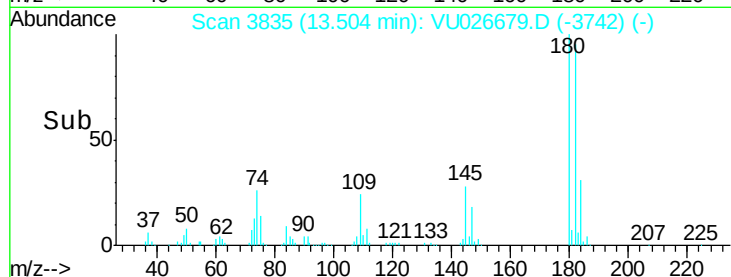
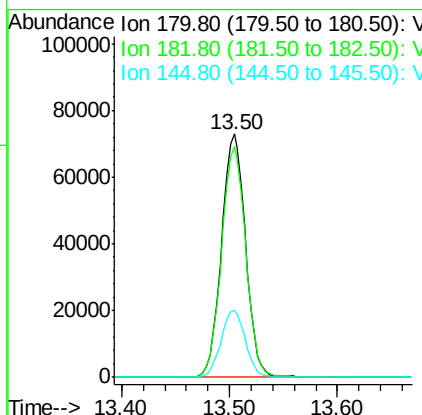
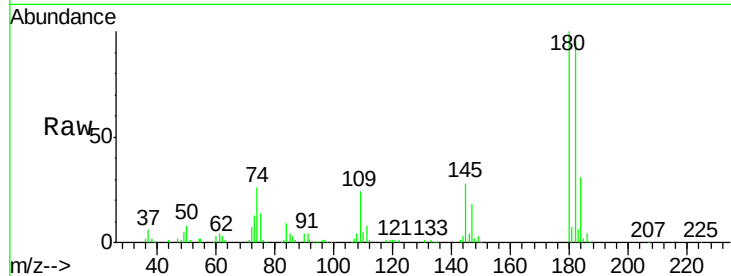




#93
 1,2,4-Trichlorobenzene
 Concen: 52.10 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

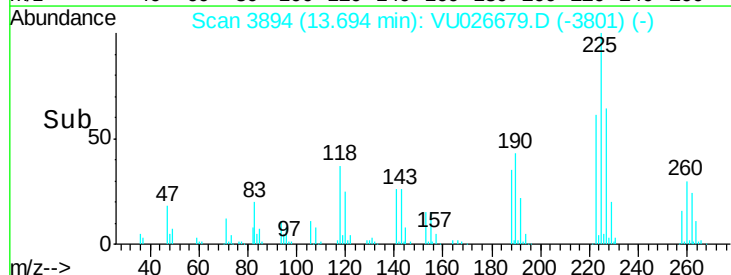
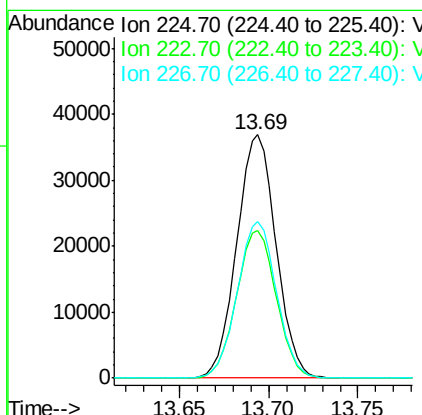
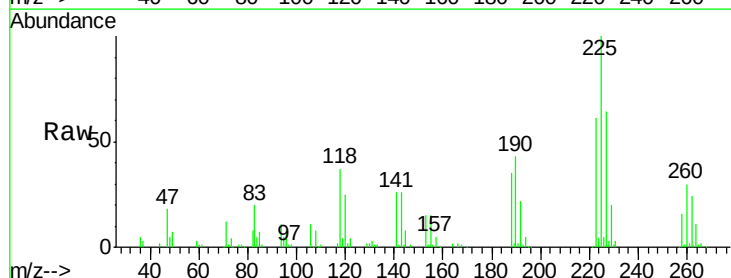
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

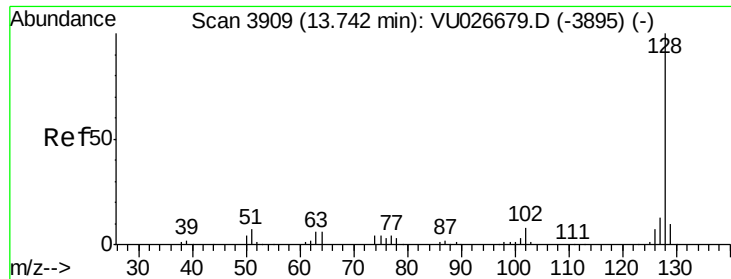
Tot Ion:180 Resp: 113094
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.0 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 50.84 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026679.D
 Acq: 11 Sep 2018 11:43

Tgt Ion:225 Resp: 56774
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.6 92.0
 227 64.2 32.1 96.3

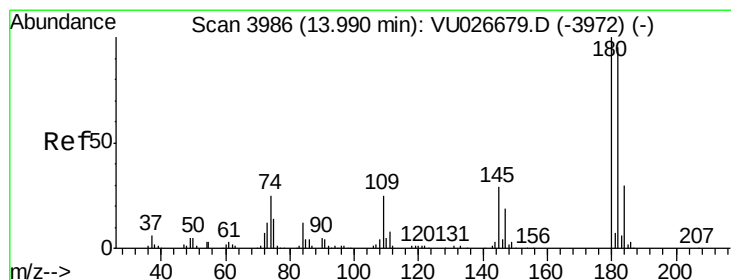
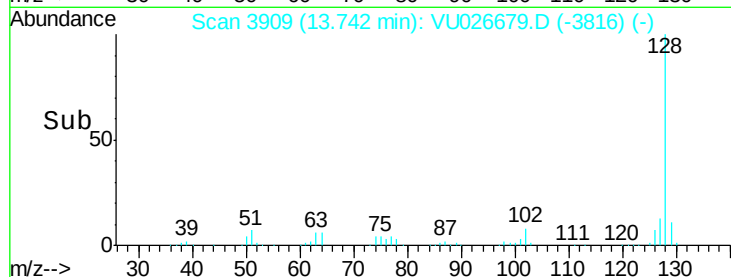
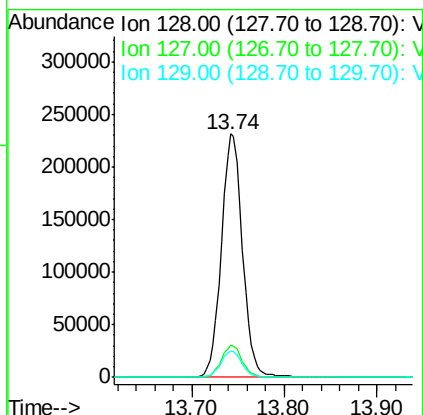
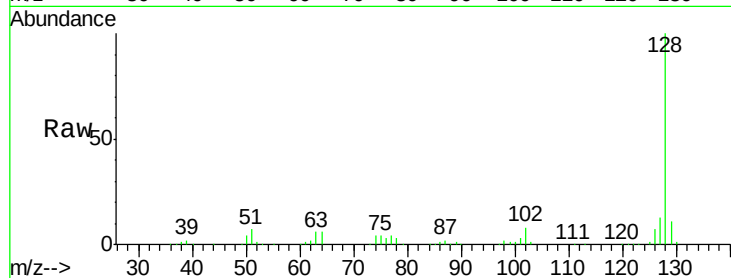




#95
Naphthalene
Concen: 55.52 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 365044
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.02 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026679.D
Acq: 11 Sep 2018 11:43

Tgt Ion:180 Resp: 117938
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 29.9 14.9 44.9

