

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091218\
 Data File : VU026680.D
 Acq On : 11 Sep 2018 12:07
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 12 04:55:00 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	4.98	168	108901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166104	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	104091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	165950	100.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.92%	
35) Dibromofluoromethane	4.88	113	138315	102.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.16%	
50) Toluene-d8	7.57	98	517673	103.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.60%	
62) 4-Bromofluorobenzene	10.31	95	197572	108.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116480	99.00	ug/l	100
3) Chloromethane	1.32	50	153677	93.49	ug/l	99
4) Vinyl Chloride	1.40	62	170568	100.13	ug/l	99
5) Bromomethane	1.60	94	94513	88.58	ug/l	100
6) Chloroethane	1.68	64	104313	96.22	ug/l	98
7) Trichlorofluoromethane	1.87	101	221107	99.29	ug/l	100
8) Diethyl Ether	2.10	74	96675	99.07	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	130462	98.65	ug/l	99
10) Methyl Iodide	2.40	142	129129	129.59	ug/l	99
11) Tert butyl alcohol	2.84	59	186997	464.40	ug/l	100
12) 1,1-Dichloroethene	2.28	96	124446	99.54	ug/l	98
13) Acrolein	2.19	56	126434	465.94	ug/l	99
14) Allyl chloride	2.59	41	251286	111.59	ug/l	90
15) Acrylonitrile	2.94	53	445720	516.15	ug/l	100
16) Acetone	2.32	43	417419	446.30	ug/l	100
17) Carbon Disulfide	2.47	76	384974	96.78	ug/l	99
18) Methyl Acetate	2.61	43	203996	101.09	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	440656	102.36	ug/l	98
20) Methylene Chloride	2.70	84	147819	97.44	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	134761	102.32	ug/l	99
22) Diisopropyl ether	3.57	45	488114	103.86	ug/l	99
23) Vinyl Acetate	3.52	43	2148460	538.18	ug/l	100
24) 1,1-Dichloroethane	3.44	63	268898	101.43	ug/l	100
25) 2-Butanone	4.26	43	634261	503.43	ug/l	100
26) 2,2-Dichloropropane	4.23	77	219054	100.52	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	155023	102.12	ug/l	99
28) Bromochloromethane	4.55	49	122444	96.59	ug/l	99
29) Tetrahydrofuran	4.64	42	391335	515.20	ug/l	100
30) Chloroform	4.67	83	259836	99.67	ug/l	98
31) Cyclohexane	5.00	56	239908	87.44	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	222347	103.01	ug/l	99
36) 1,1-Dichloropropene	5.14	75	198140	106.25	ug/l	100
37) Ethyl Acetate	4.38	43	226523	101.01	ug/l	100
38) Carbon Tetrachloride	5.13	117	199579	101.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	240545	108.63	ug/l	99
40) Benzene	5.39	78	591776	102.18	ug/l	99
41) Methacrylonitrile	4.54	41	128503	110.40	ug/l	100
42) 1,2-Dichloroethane	5.40	62	208613	101.01	ug/l	100
43) Isopropyl Acetate	5.55	43	365744	107.11	ug/l	99
44) Trichloroethene	6.19	130	149242	104.12	ug/l	99
45) 1,2-Dichloropropane	6.43	63	163872	104.08	ug/l	98
46) Dibromomethane	6.56	93	106406	104.73	ug/l	98
47) Bromodichloromethane	6.76	83	208096	104.01	ug/l	99
48) Methyl methacrylate	6.62	41	187866	111.49	ug/l	99
49) 1,4-Dioxane	6.62	88	84392	2160.78	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1242802	544.11	ug/l	100
52) Toluene	7.64	92	366936	106.36	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	242472	109.26	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	256287	107.55	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	152222	102.98	ug/l	99
56) Ethyl methacrylate	8.02	69	251304	116.44	ug/l	99
57) 1,3-Dichloropropane	8.24	76	265806	105.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	594455	558.73	ug/l	100
59) 2-Hexanone	8.37	43	986250	548.66	ug/l	100
60) Dibromochloromethane	8.48	129	169598	105.94	ug/l	98
61) 1,2-Dibromoethane	8.59	107	167268	104.30	ug/l	99
64) Tetrachloroethene	8.23	164	129151	98.77	ug/l	98
65) Chlorobenzene	9.12	112	415020	101.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	152449	101.51	ug/l	98
67) Ethyl Benzene	9.25	91	723654	107.63	ug/l	100
68) m/p-Xylenes	9.38	106	561881	219.68	ug/l	100
69) o-Xylene	9.78	106	273485	109.76	ug/l	100
70) Styrene	9.79	104	462652	113.43	ug/l	99
71) Bromoform	9.96	173	144780	110.85	ug/l #	98
73) Isopropylbenzene	10.17	105	734436	103.54	ug/l	100
74) N-amyl acetate	10.02	43	369847	110.44	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	275548	95.32	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	325452	122.92	ug/l	81
77) Bromobenzene	10.46	156	192205	99.70	ug/l	99
78) n-propylbenzene	10.59	91	890240	107.91	ug/l	99
79) 2-Chlorotoluene	10.66	91	519249	101.53	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	632938	106.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	325452	274.78	ug/l #	100
82) 4-Chlorotoluene	10.77	91	613936	106.85	ug/l	100
83) tert-Butylbenzene	11.10	119	639361	105.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	652279	108.47	ug/l	99
85) sec-Butylbenzene	11.33	105	785489	109.32	ug/l	100
86) p-Isopropyltoluene	11.48	119	698934	111.55	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	358734	99.75	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	360983	96.65	ug/l	100
89) n-Butylbenzene	11.89	91	647097	117.88	ug/l	99
90) Hexachloroethane	12.15	117	129620	102.23	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	360434	99.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62009	106.99	ug/l	99

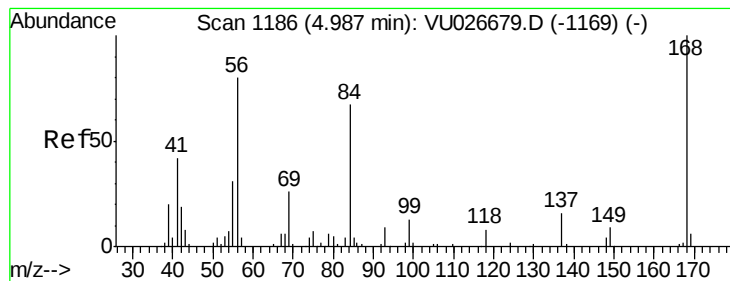
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 04:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	260587	108.46	ug/l	100
94) Hexachlorobutadiene	13.69	225	126721	102.53	ug/l	98
95) Naphthalene	13.74	128	828665	113.86	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	265730	105.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

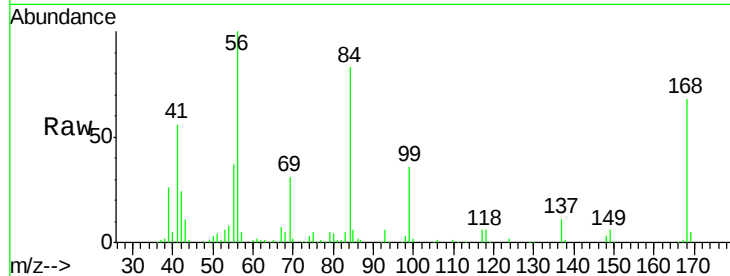
ClientSampled :

Tot Ion:168 Resp: 108901

Ion Ratio Lower Upper

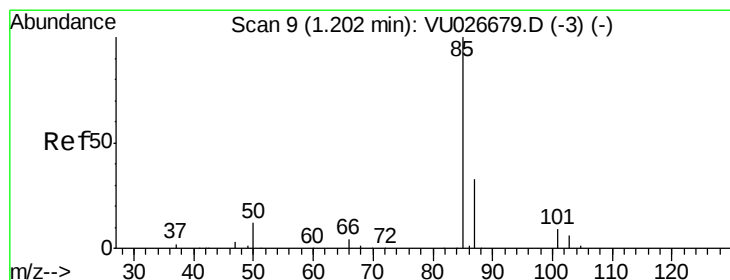
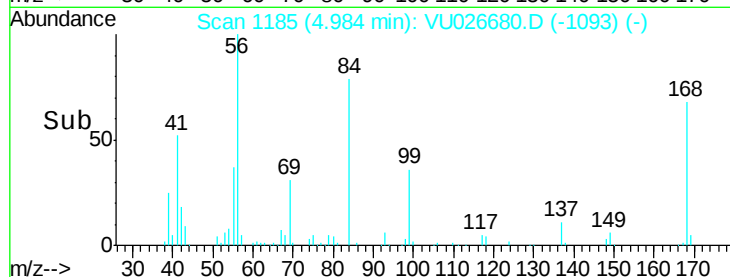
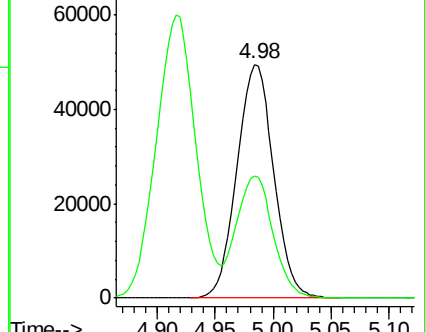
168 100

99 52.4 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 99.00 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026680.D

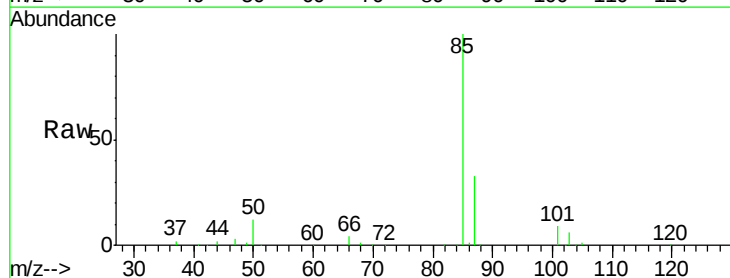
Acq: 11 Sep 2018 12:07

Tgt Ion: 85 Resp: 116480

Ion Ratio Lower Upper

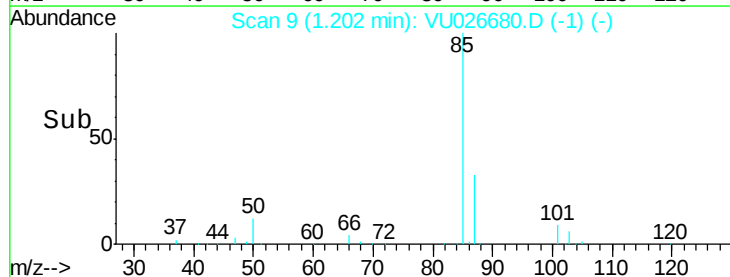
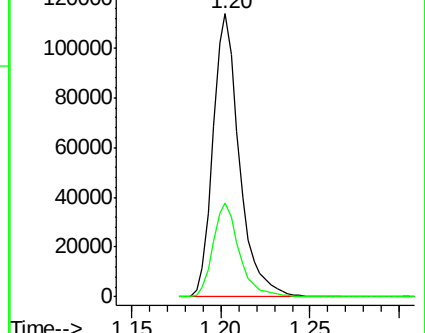
85 100

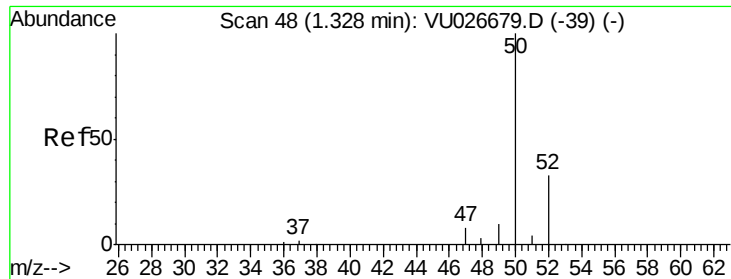
87 33.1 16.6 49.7



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

Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

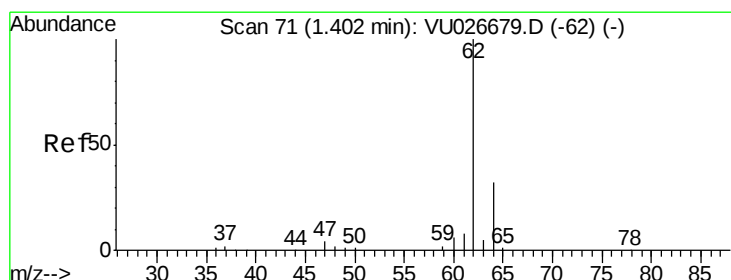
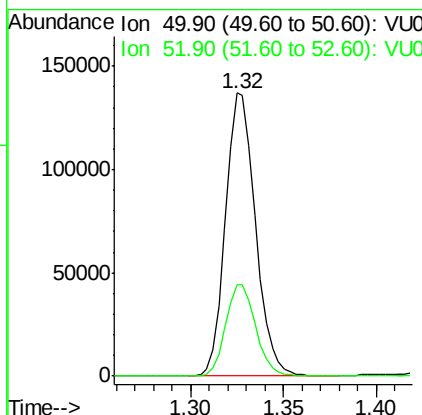
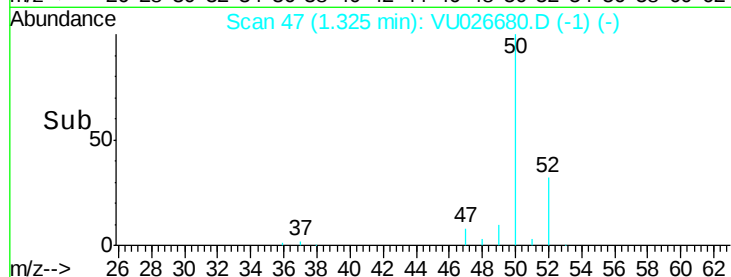
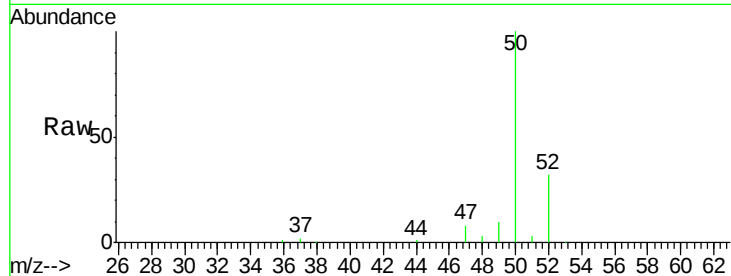




#3
 Chloromethane
 Concen: 93.49 ug/l
 RT: 1.32 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

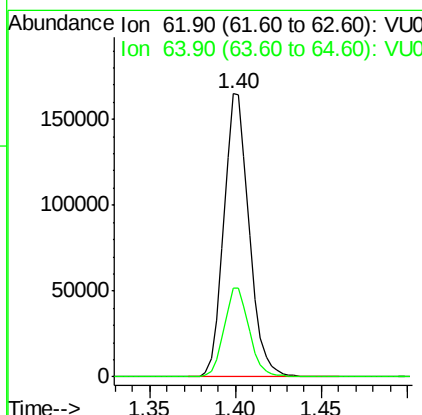
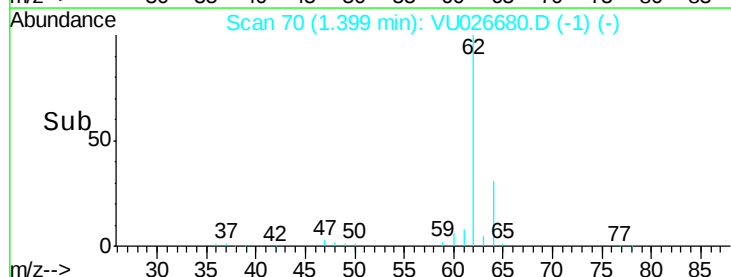
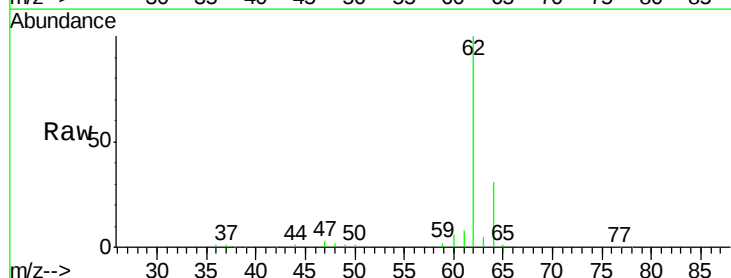
Instrument :
 MSVOA_U
 ClientSampleId :

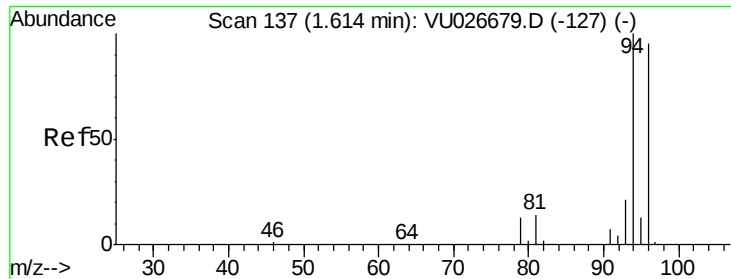
Tot Ion: 50 Resp: 153677
 Ion Ratio Lower Upper
 50 100
 52 32.5 26.3 39.5



#4
 Vinyl Chloride
 Concen: 100.13 ug/l
 RT: 1.40 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 62 Resp: 170568
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.6 38.4





#5

Bromomethane

Concen: 88.58 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

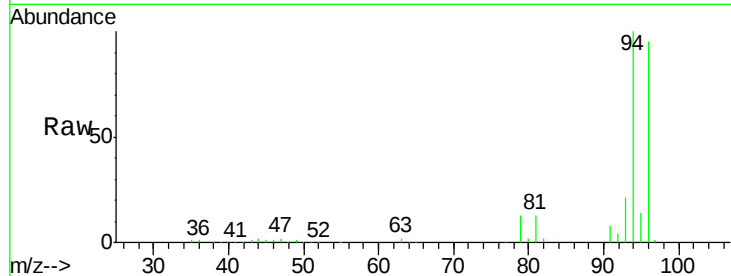
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 94513

Ion Ratio Lower Upper

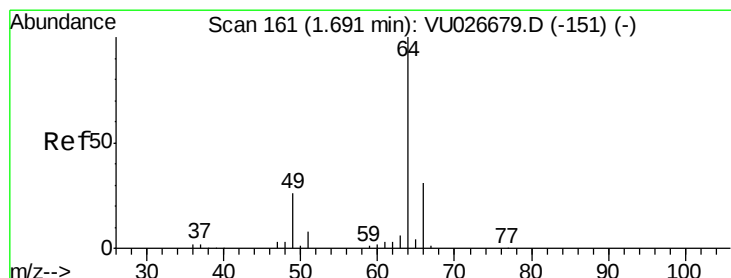
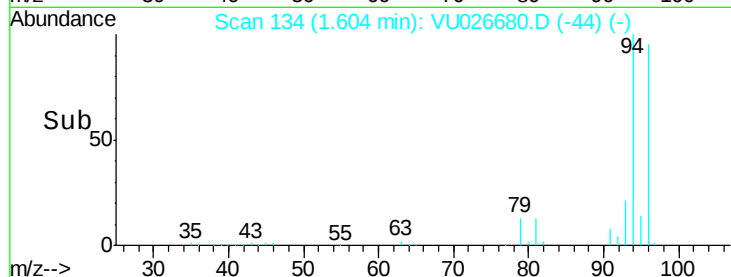
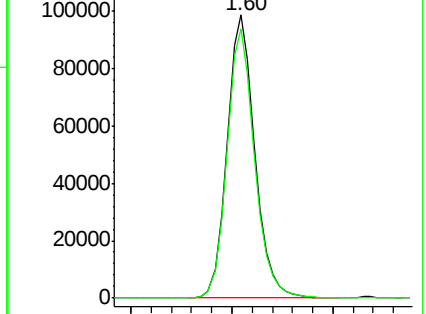
94 100

96 95.0 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 96.22 ug/l

RT: 1.68 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU026680.D

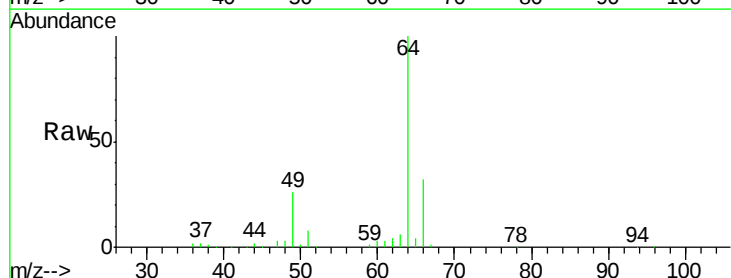
Acq: 11 Sep 2018 12:07

Tgt Ion: 64 Resp: 104313

Ion Ratio Lower Upper

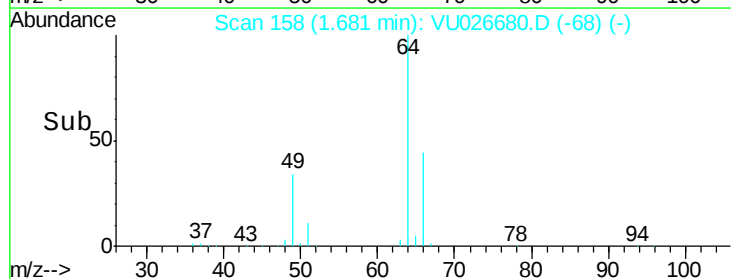
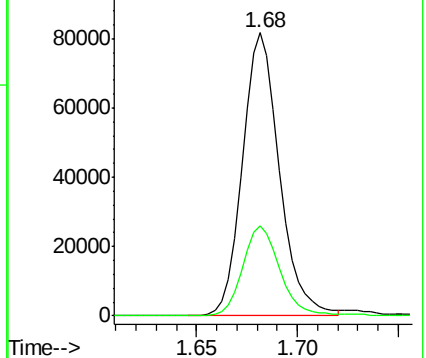
64 100

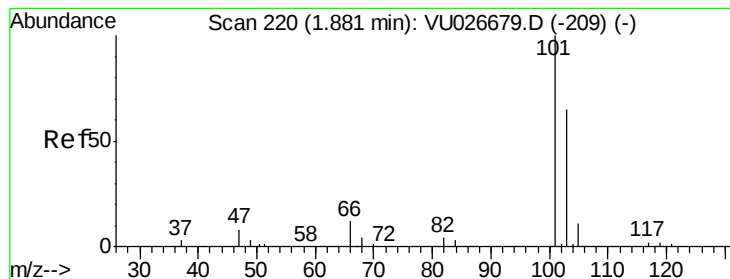
66 31.7 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



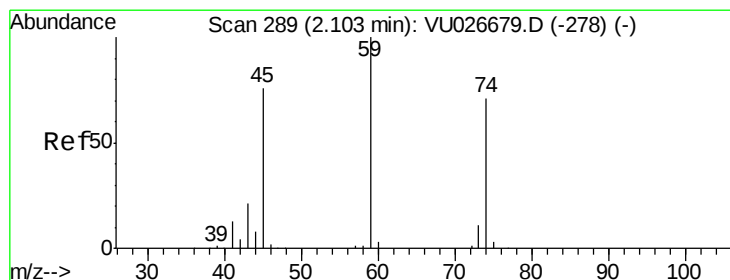
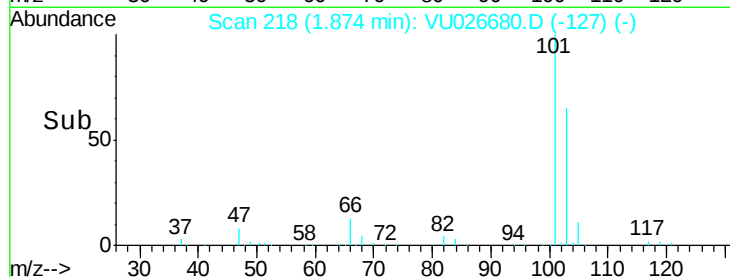
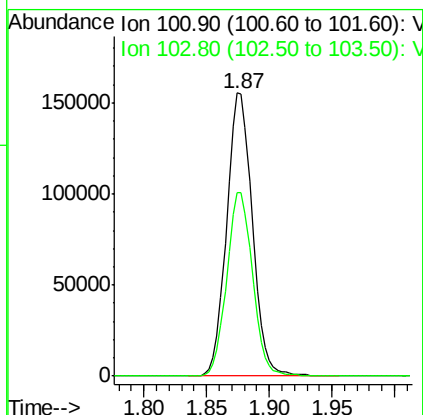
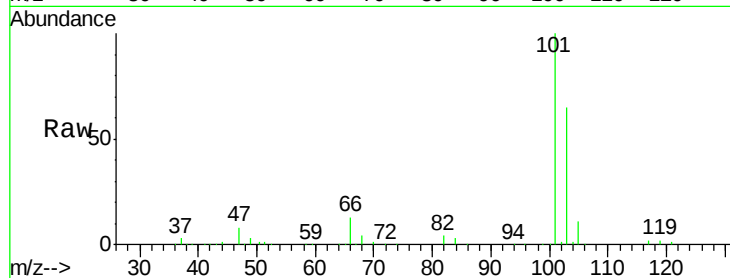


#7

Trichlorofluoromethane
 Concen: 99.29 ug/l
 RT: 1.87 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Instrument :
 MSVOA_U
 ClientSampleId :

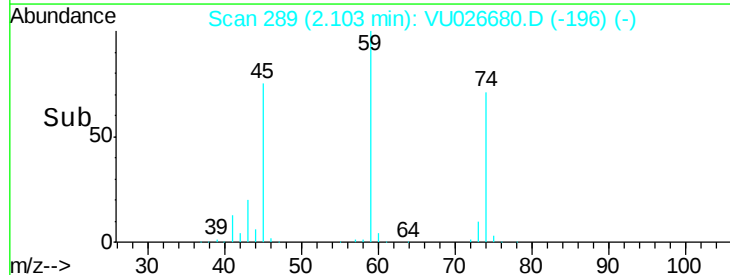
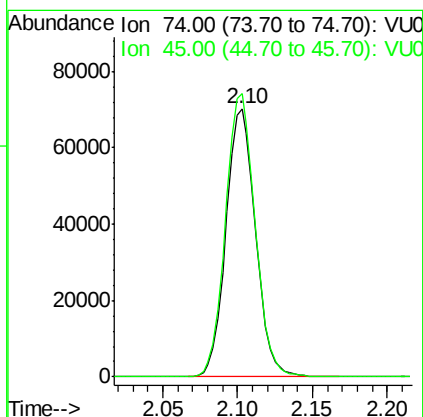
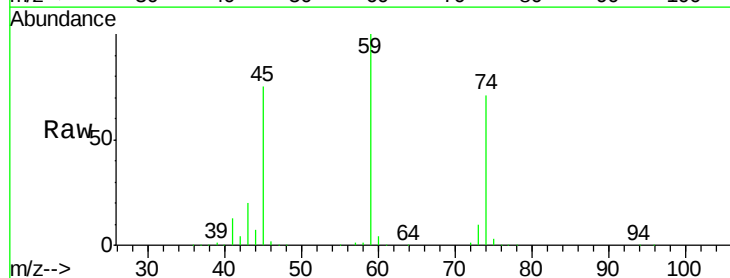
Tot Ion:101 Resp: 221107
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

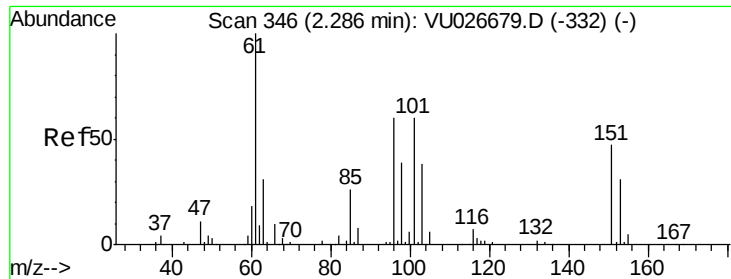


#8

Diethyl Ether
 Concen: 99.07 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 74 Resp: 96675
 Ion Ratio Lower Upper
 74 100
 45 106.1 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.65 ug/l

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU026680.D

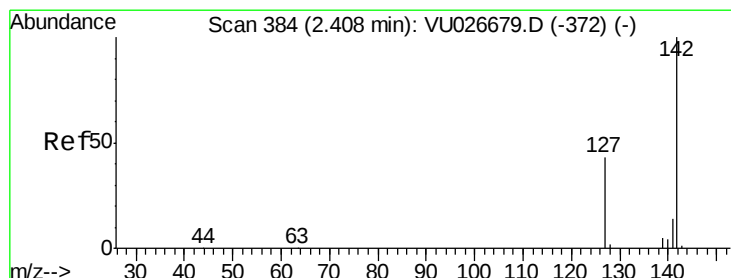
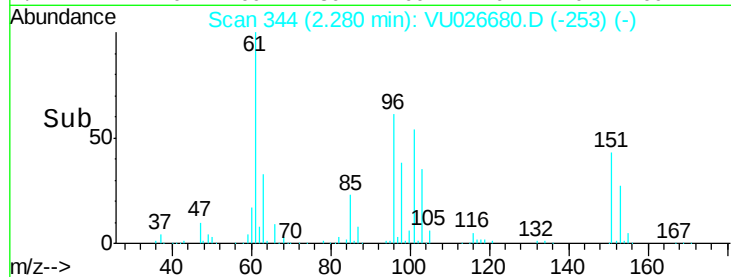
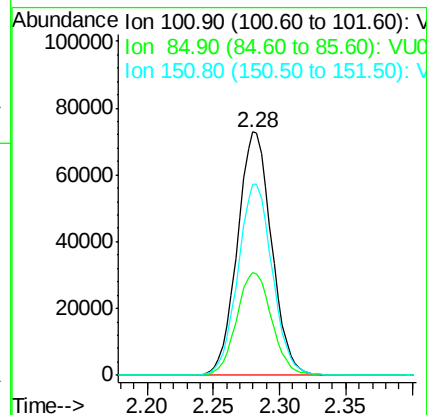
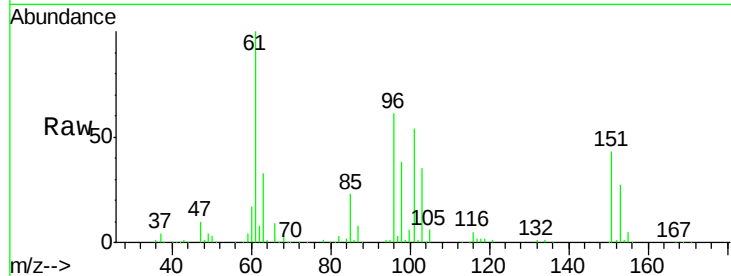
Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	101	Resp:	130462
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	52.0
151	79.1	62.7	94.1



#10

Methyl Iodide

Concen: 129.59 ug/l

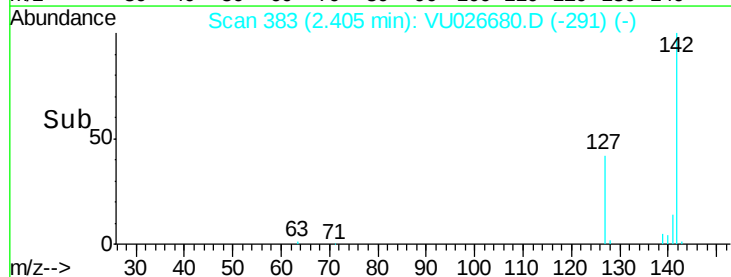
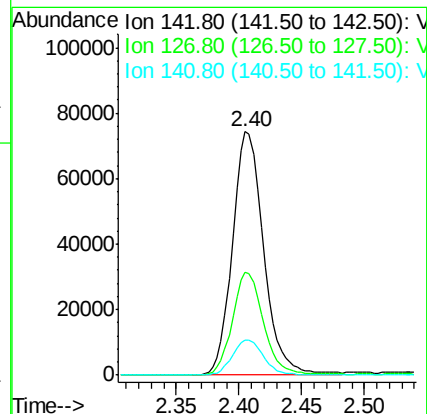
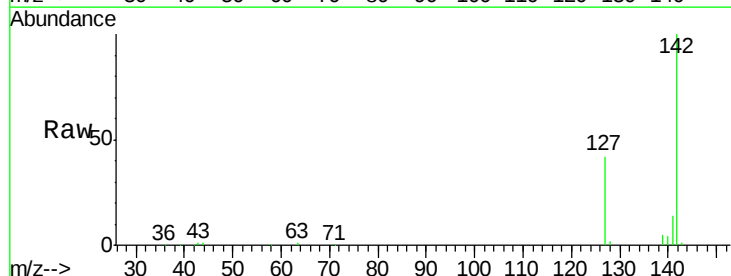
RT: 2.40 min Scan# 383

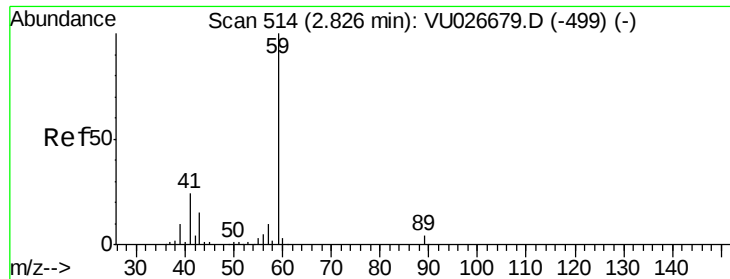
Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Tgt Ion:	142	Resp:	129129
Ion	Ratio	Lower	Upper
142	100		
127	42.3	34.1	51.1
141	14.4	11.2	16.8

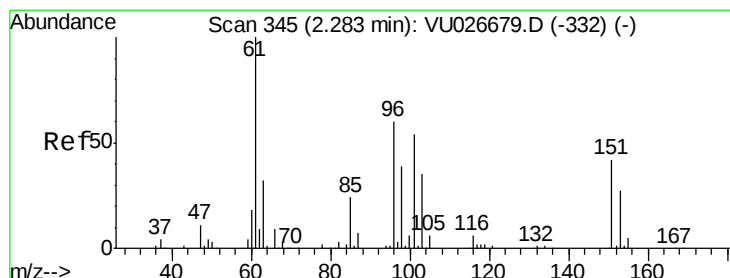
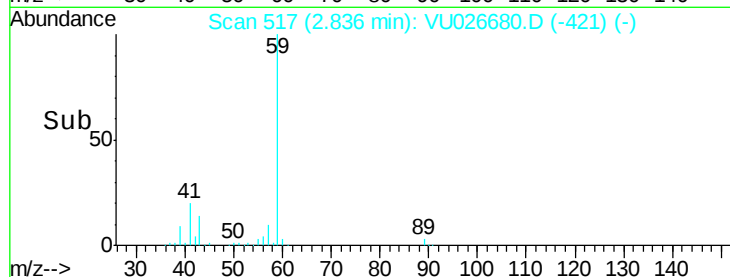
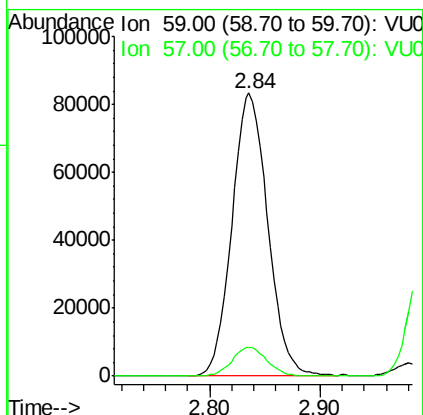
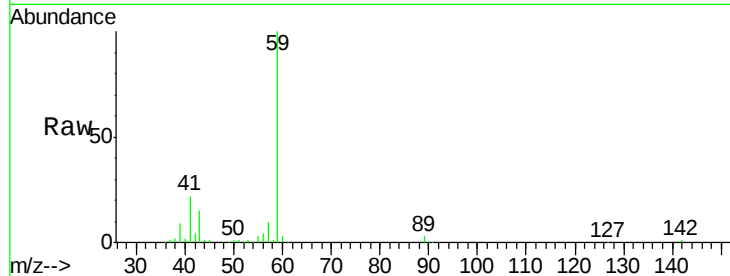




#11
Tert butyl alcohol
Concen: 464.40 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

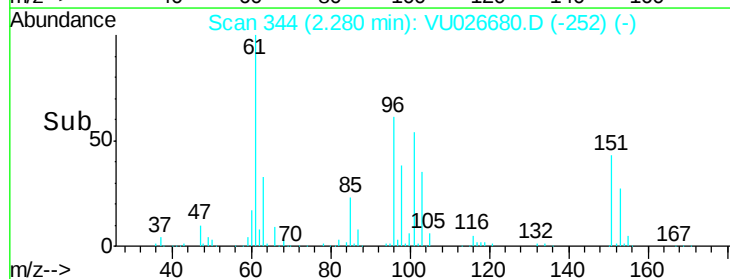
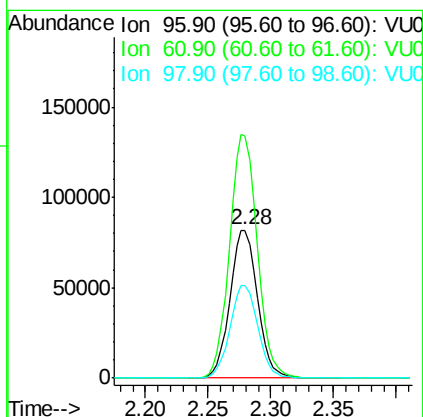
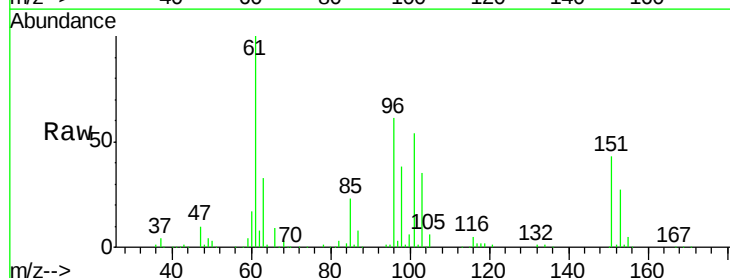
Instrument :
MSVOA_U
ClientSampled :

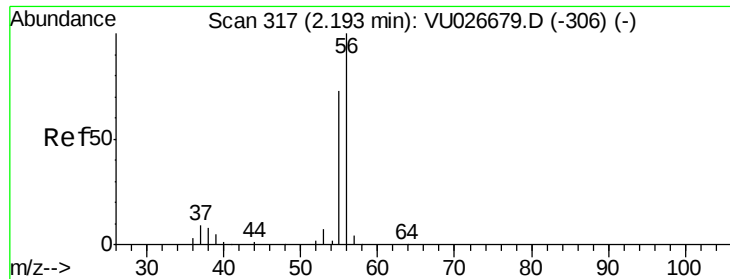
Tot Ion: 59 Resp: 186997
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 99.54 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 96 Resp: 124446
Ion Ratio Lower Upper
96 100
61 163.9 133.0 199.6
98 62.6 51.3 76.9

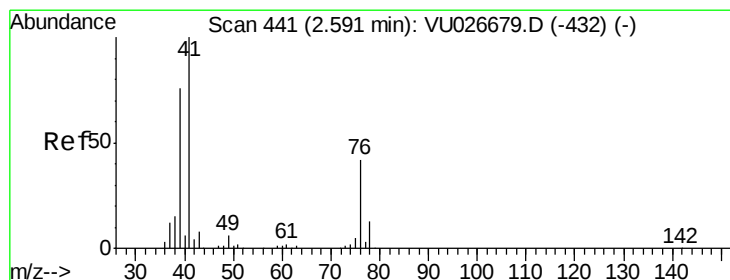
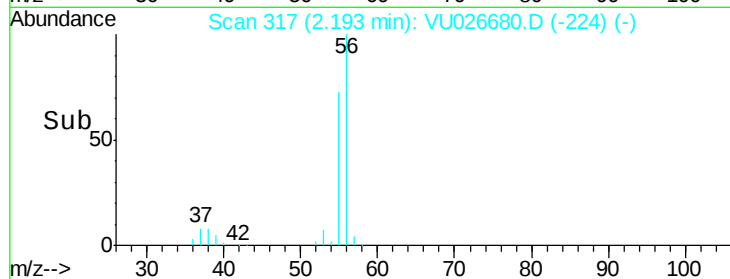
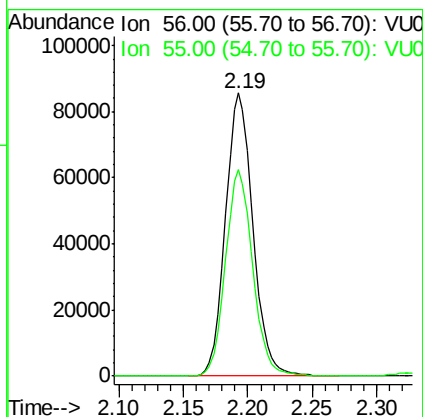
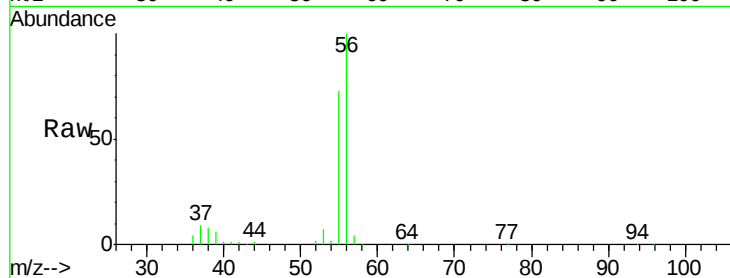




#13
 Acrolein
 Concen: 465.94 ug/l
 RT: 2.19 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

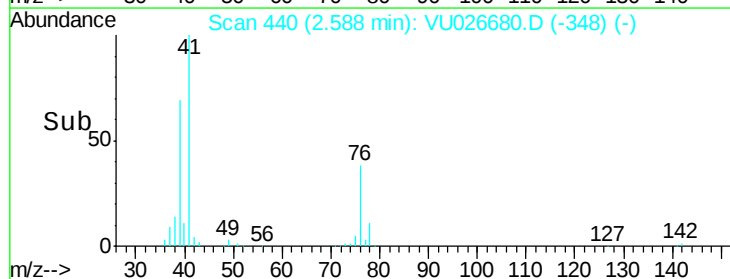
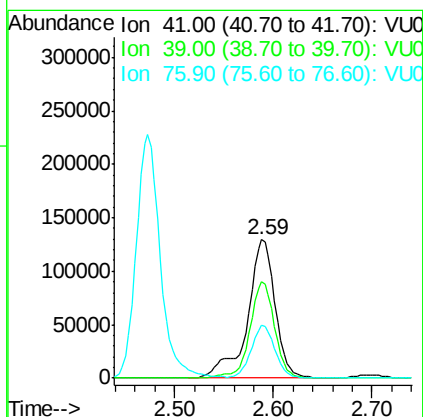
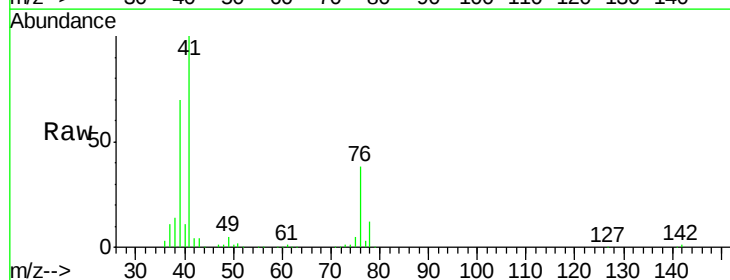
Instrument :
 MSVOA_U
 ClientSampleId :

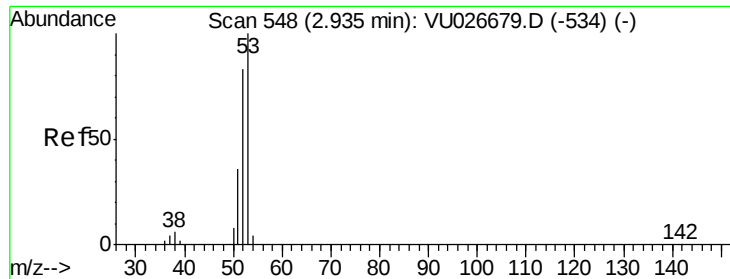
Tot Ion: 56 Resp: 126434
 Ion Ratio Lower Upper
 56 100
 55 72.3 57.4 86.2



#14
 Allyl chloride
 Concen: 111.59 ug/l
 RT: 2.59 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 41 Resp: 251286
 Ion Ratio Lower Upper
 41 100
 39 61.8 56.9 85.3
 76 32.6 29.7 44.5





#15

Acrylonitrile

Concen: 516.15 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :

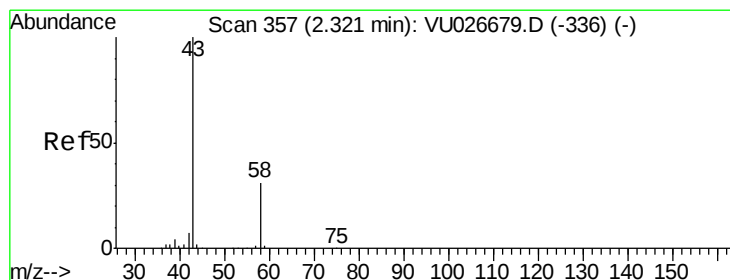
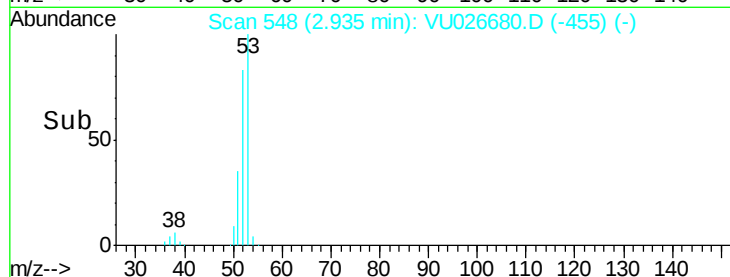
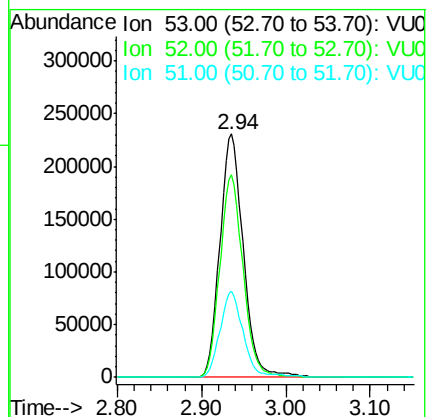
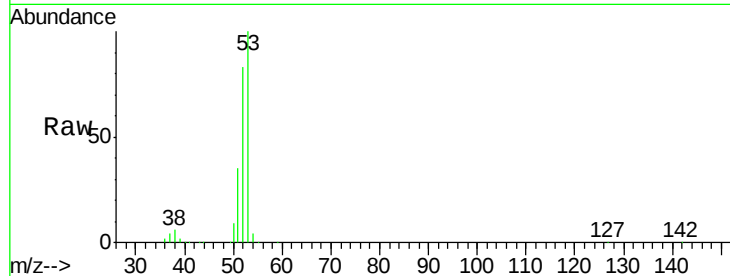
Tot Ion: 53 Resp: 445720

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 34.4 27.7 41.5



#16

Acetone

Concen: 446.30 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026680.D

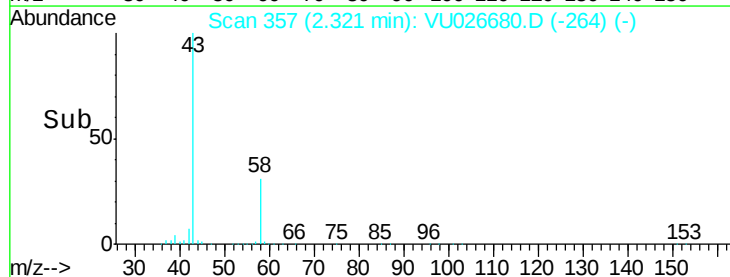
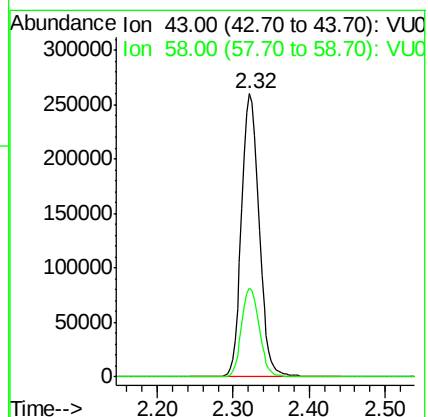
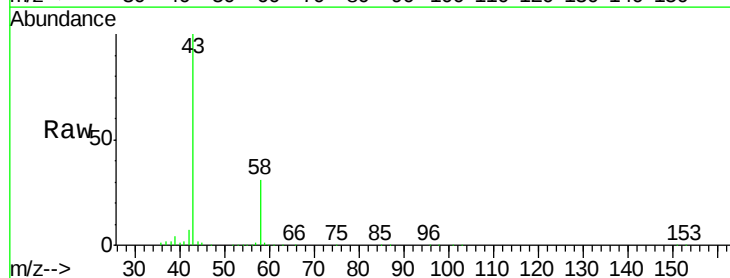
Acq: 11 Sep 2018 12:07

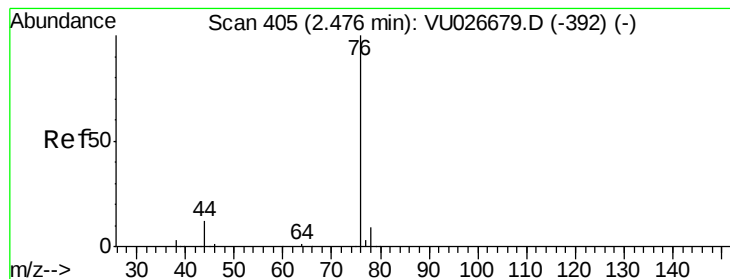
Tgt Ion: 43 Resp: 417419

Ion Ratio Lower Upper

43 100

58 31.3 25.1 37.7





#17

Carbon Disulfide

Concen: 96.78 ug/l

RT: 2.47 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

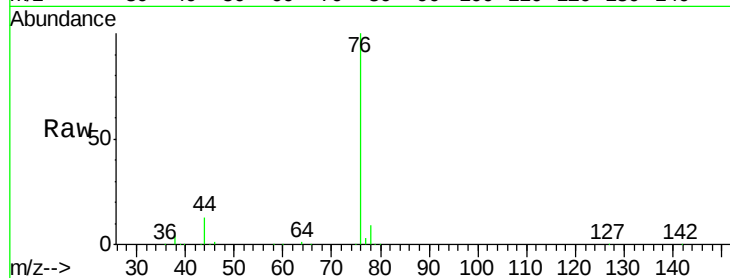
ClientSampled :

Tot Ion: 76 Resp: 384974

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VU026679.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VU026679.D (-392) (-)

2.47

250000

200000

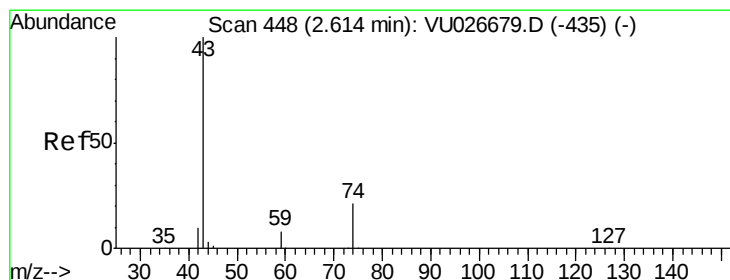
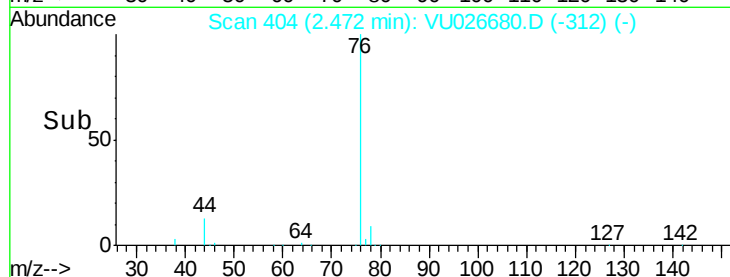
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 101.09 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU026680.D

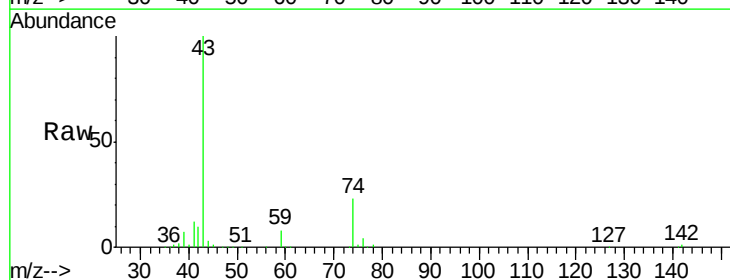
Acq: 11 Sep 2018 12:07

Tgt Ion: 43 Resp: 203996

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-435) (-)

Ion 74.00 (73.70 to 74.70): VU026679.D (-435) (-)

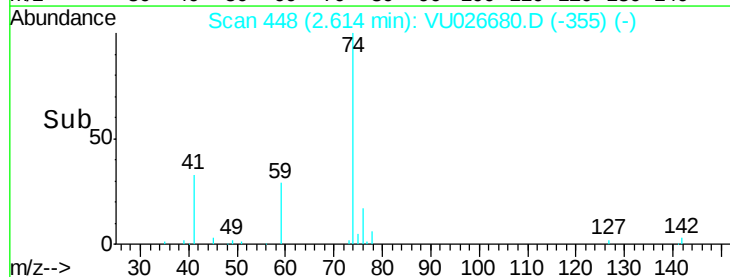
2.61

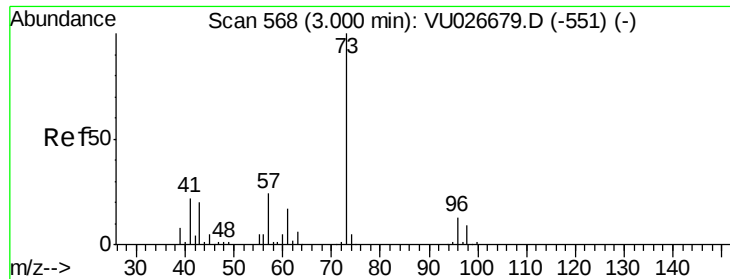
100000

50000

0

Time-->

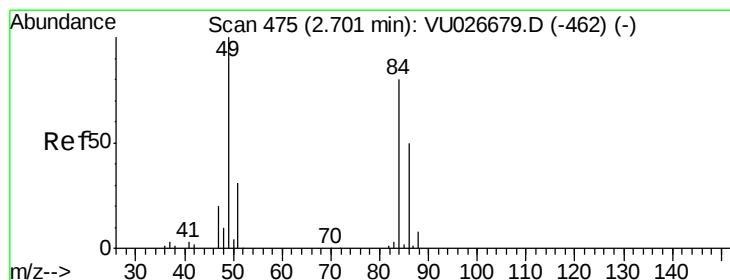
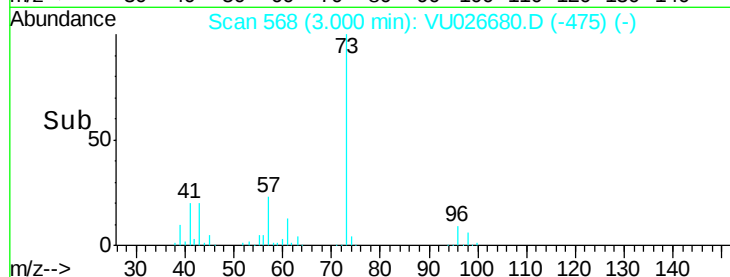
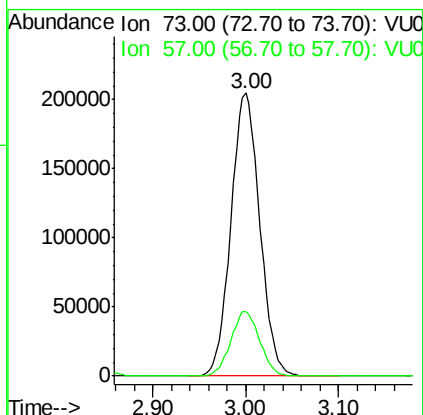
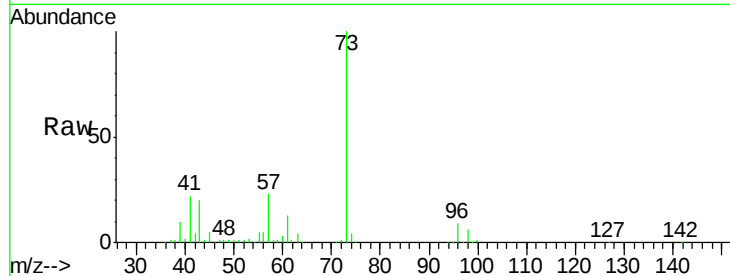




#19
Methvl tert-butvl Ether
Concen: 102.36 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

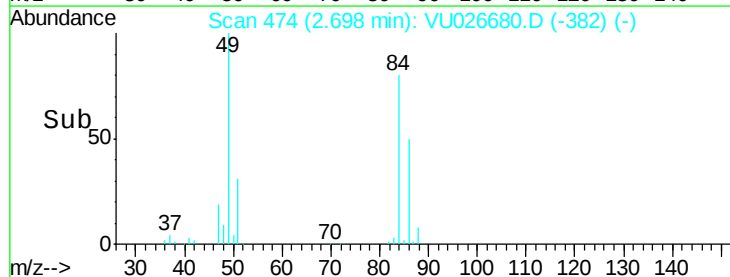
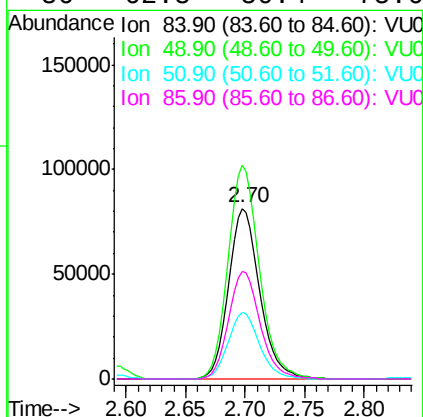
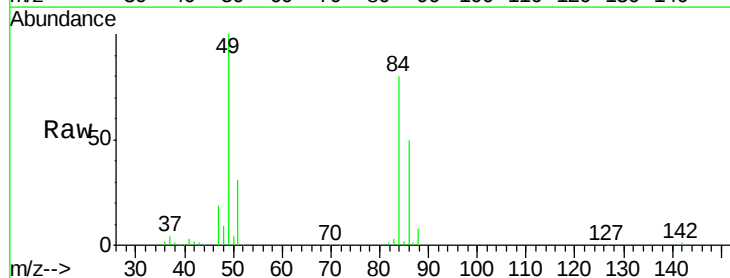
Instrument :
MSVOA_U
ClientSampleId :

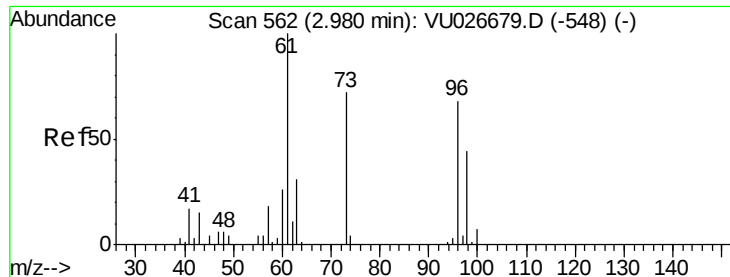
Tot Ion: 73 Resp: 440656
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3



#20
Methylene Chloride
Concen: 97.44 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 84 Resp: 147819
Ion Ratio Lower Upper
84 100
49 125.1 100.6 151.0
51 38.8 30.9 46.3
86 62.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 102.32 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

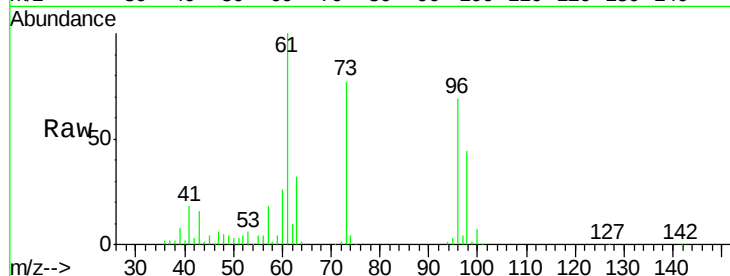
Tot Ion: 96 Resp: 134761

Ion Ratio Lower Upper

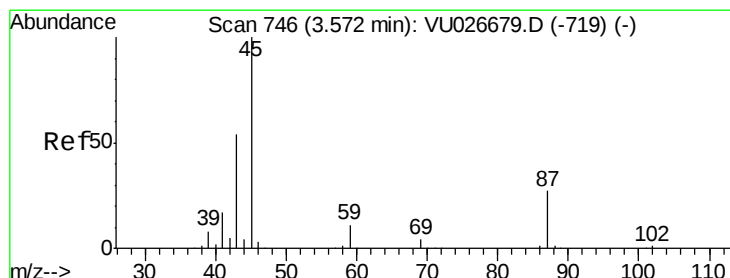
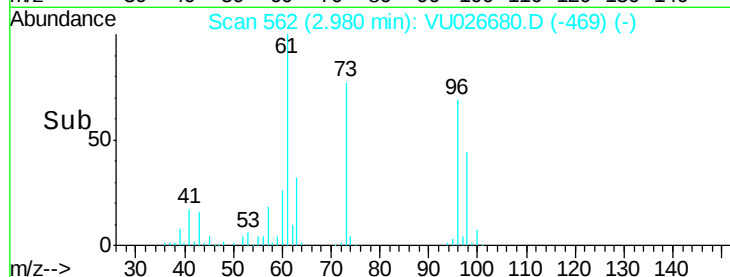
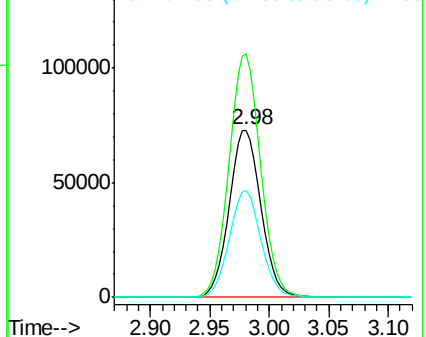
96 100

61 145.4 117.7 176.5

98 63.7 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: 103.86 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Tgt Ion: 45 Resp: 488114

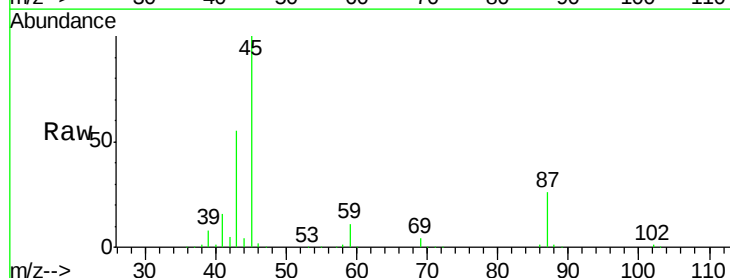
Ion Ratio Lower Upper

45 100

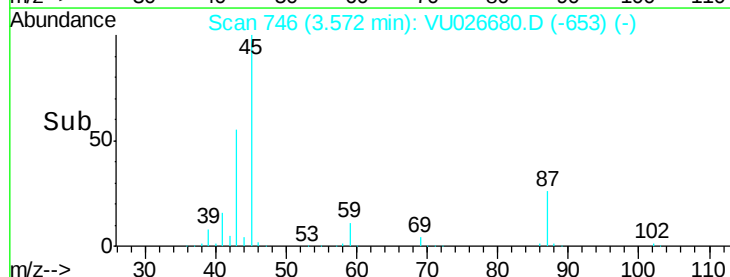
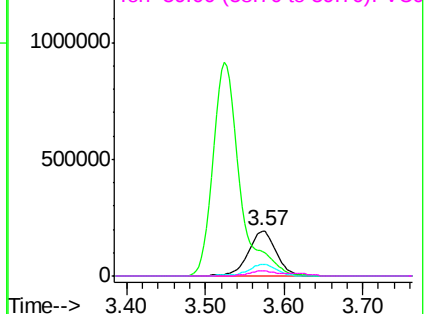
43 54.6 44.6 67.0

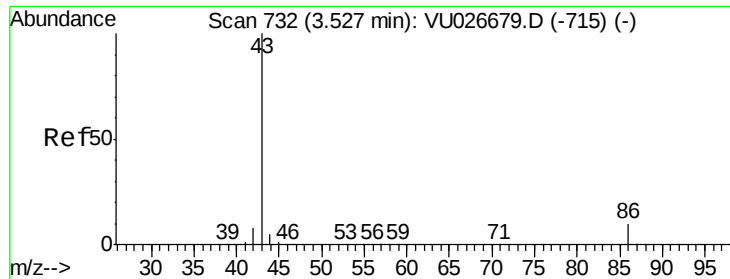
87 26.3 21.4 32.0

59 11.3 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: 538.18 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

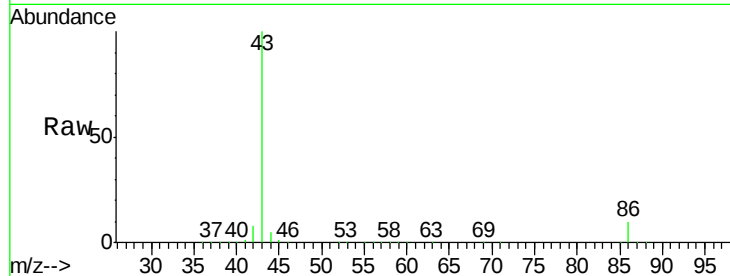
ClientSampled :

Tot Ion: 43 Resp: 2148460

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

1000000

800000

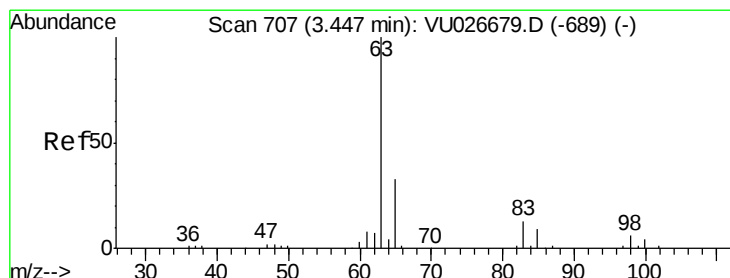
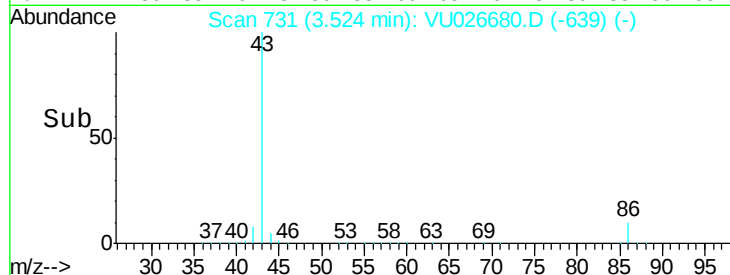
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 101.43 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

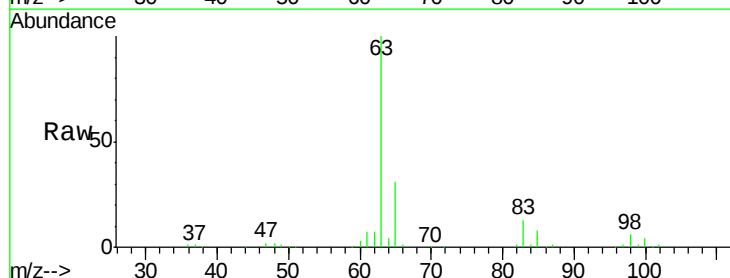
Tgt Ion: 63 Resp: 268898

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.4

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

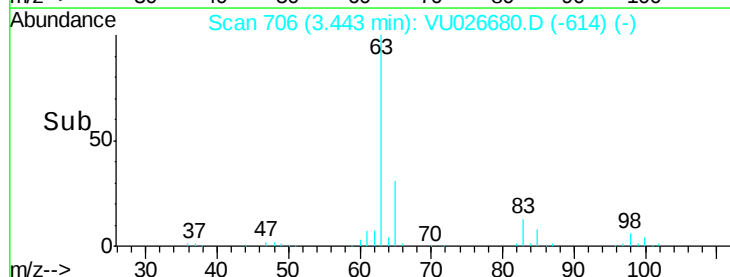
150000

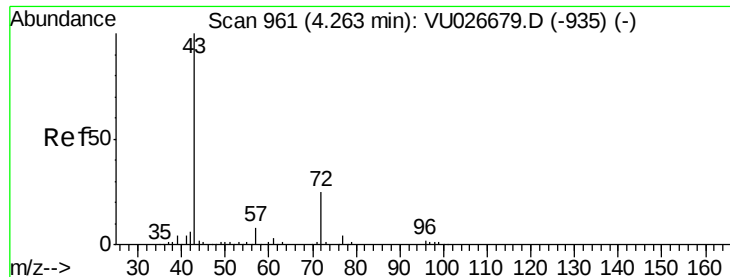
100000

50000

0

Time-->





#25

2-Butanone

Concen: 503.43 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

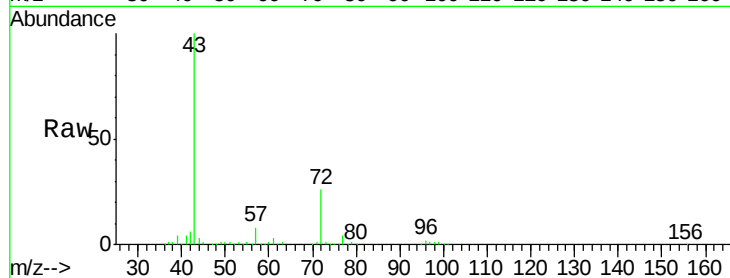
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 634261

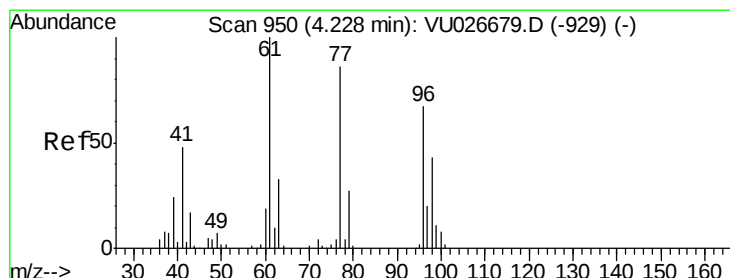
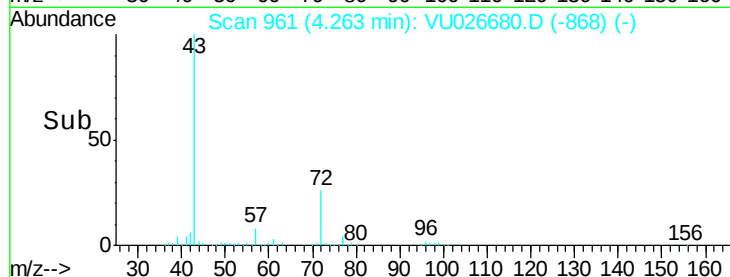
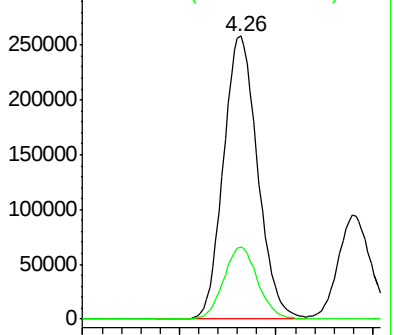
Ion Ratio Lower Upper

43 100

72 25.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU026680.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 100.52 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026680.D

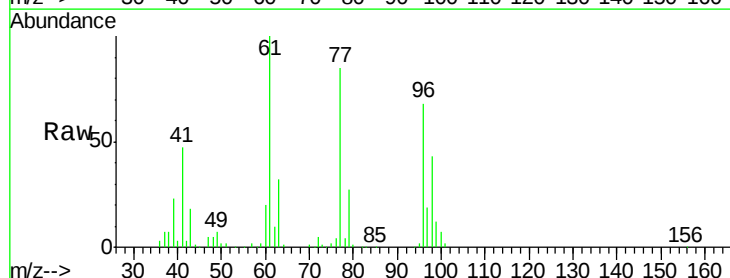
Acq: 11 Sep 2018 12:07

Tgt Ion: 77 Resp: 219054

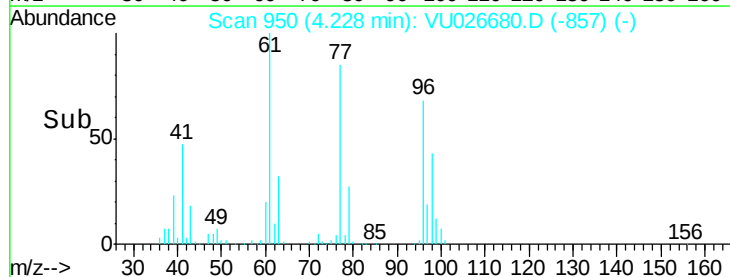
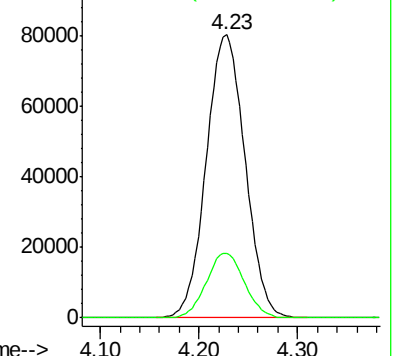
Ion Ratio Lower Upper

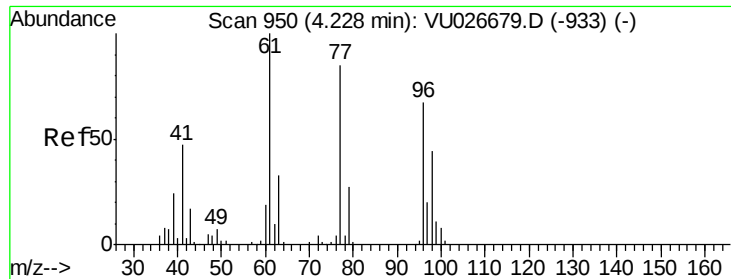
77 100

97 22.4 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU026680.D (-857) (-)



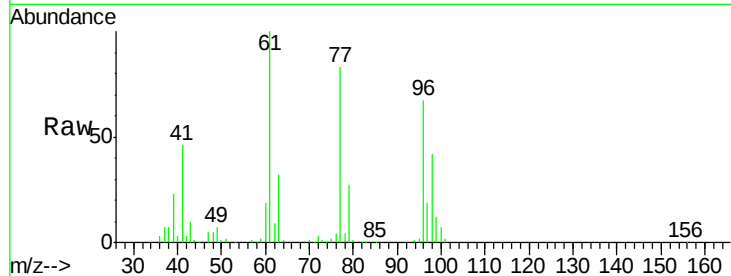


#27

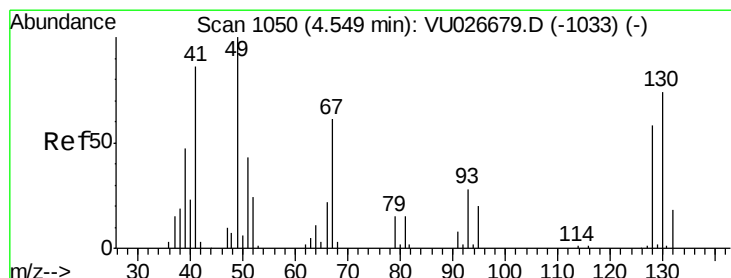
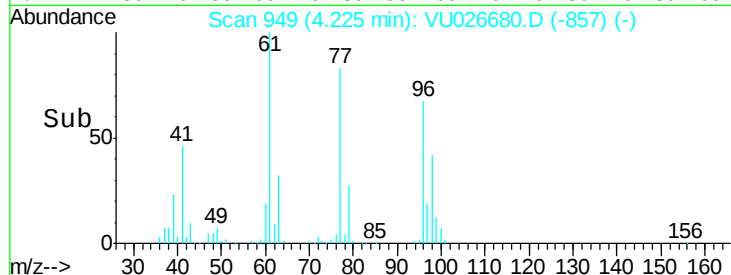
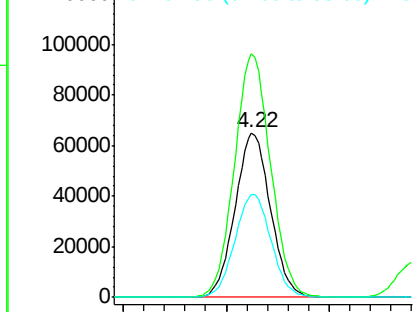
cis-1,2-Dichloroethene
Concen: 102.12 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 155023
Ion Ratio Lower Upper
96 100
61 151.5 0.0 301.8
98 64.1 0.0 127.2



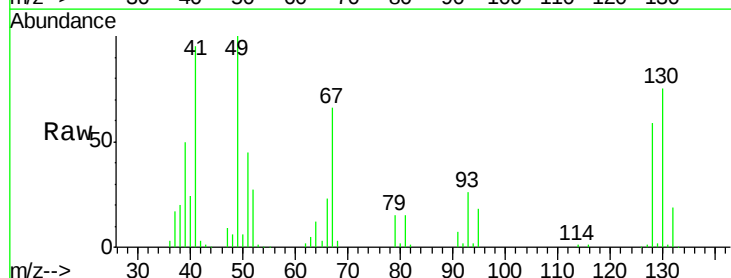
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



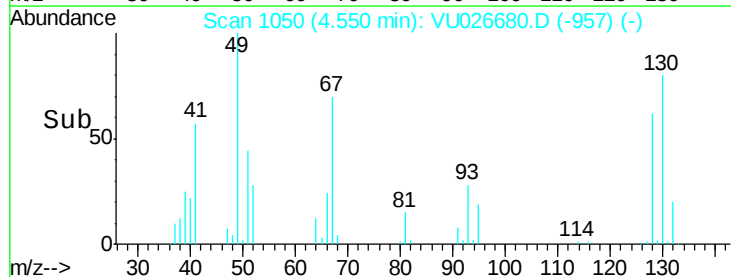
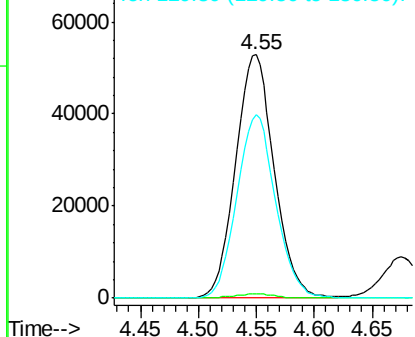
#28

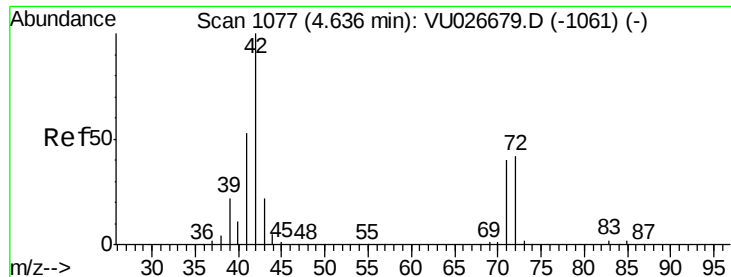
Bromochloromethane
Concen: 96.59 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 49 Resp: 122444
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 75.6 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

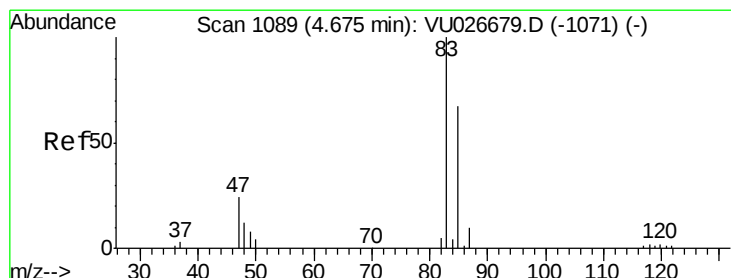
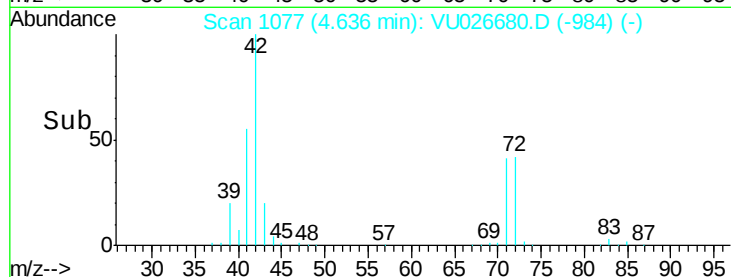
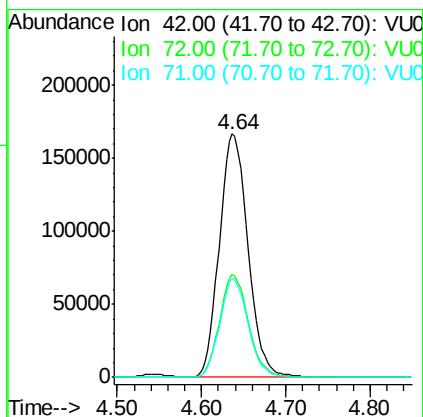
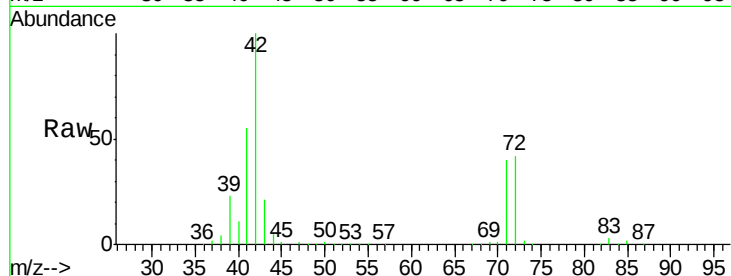




#29
Tetrahydrofuran
Concen: 515.20 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

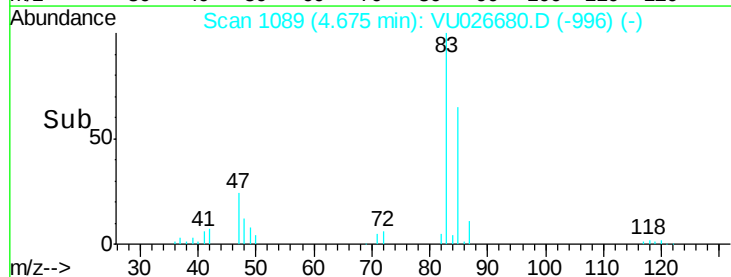
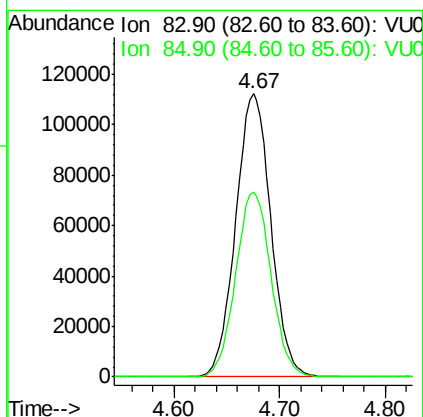
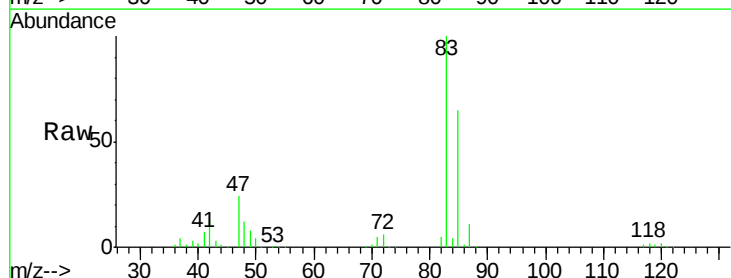
Instrument :
MSVOA_U
ClientSampleId :

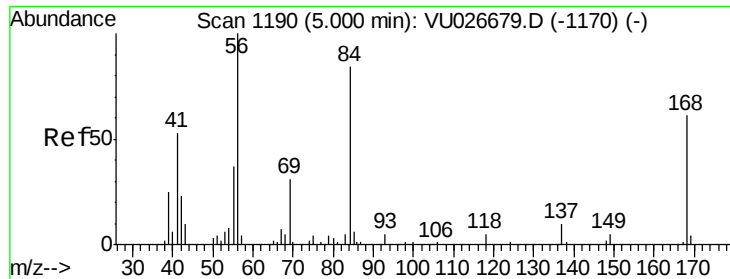
Tot Ion: 42 Resp: 391335
Ion Ratio Lower Upper
42 100
72 42.8 34.4 51.6
71 40.2 32.4 48.6



#30
Chloroform
Concen: 99.67 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 83 Resp: 259836
Ion Ratio Lower Upper
83 100
85 65.2 53.3 79.9

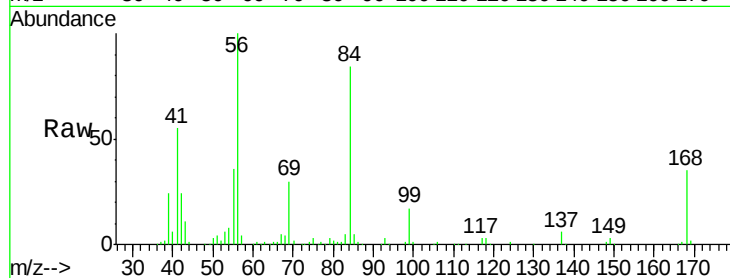




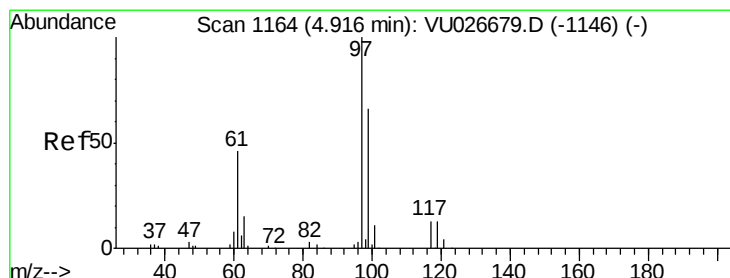
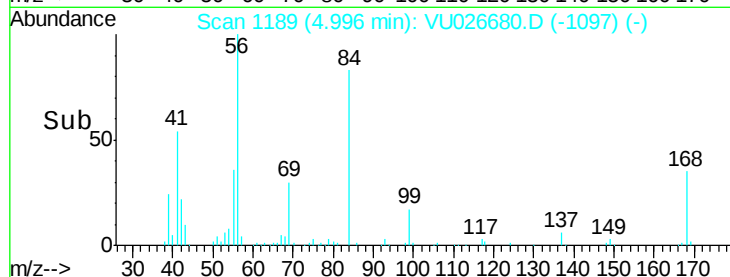
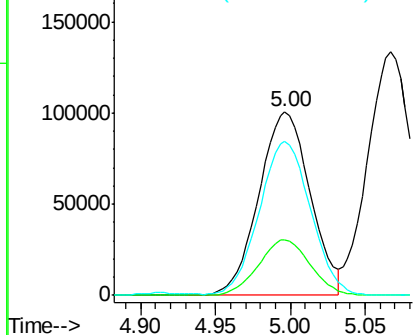
#31
Cyclohexane
Concen: 87.44 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 239908
Ion Ratio Lower Upper
56 100
69 30.4 24.9 37.3
84 83.1 66.6 100.0

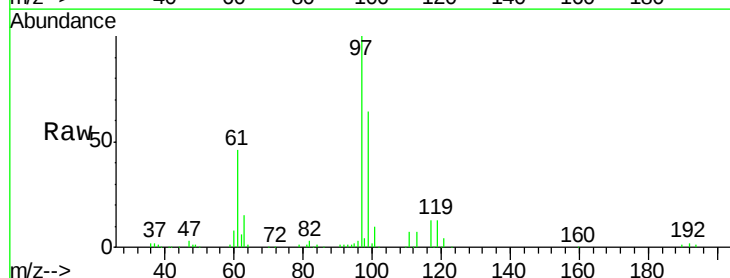


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

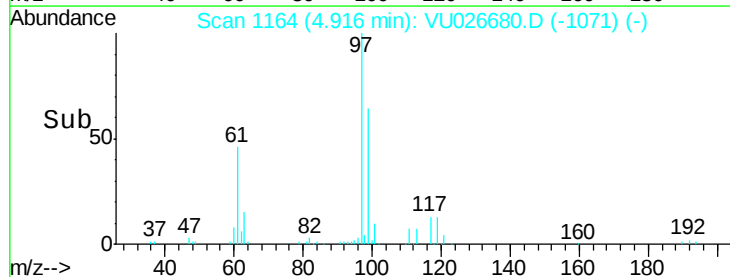
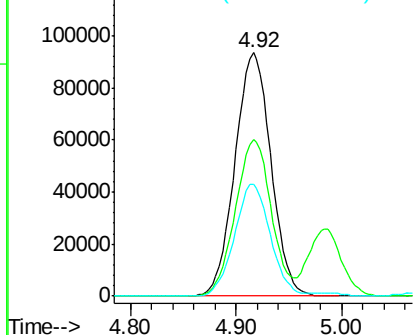


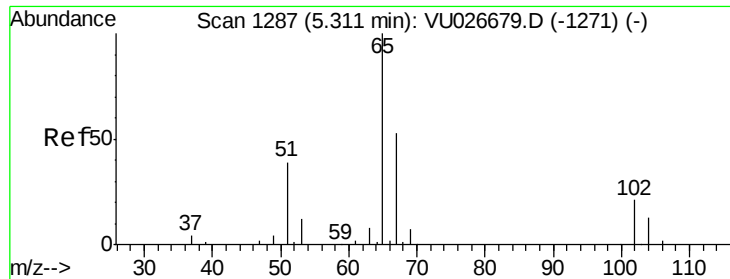
#32
1,1,1-Trichloroethane
Concen: 103.01 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 97 Resp: 222347
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 45.7 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

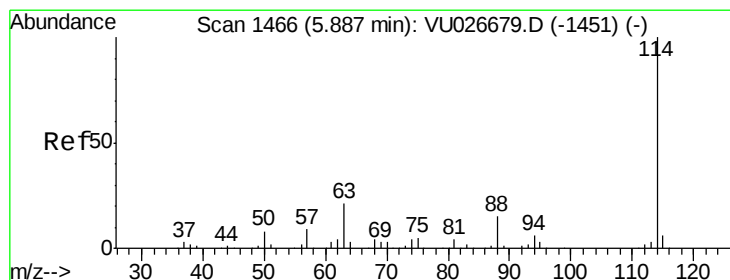
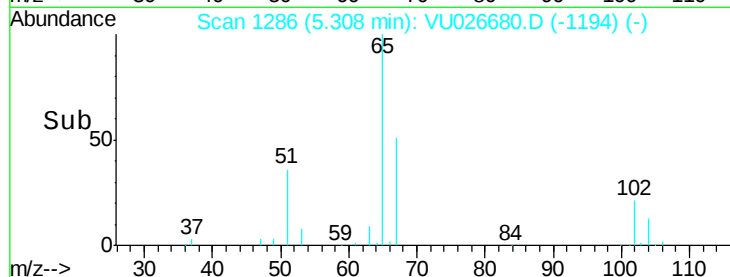
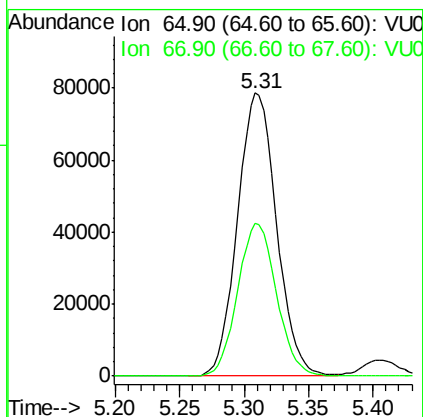
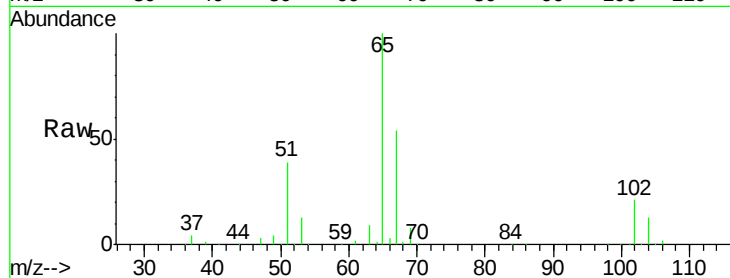




#33
 1,2-Dichloroethane-d4
 Concen: 100.46 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

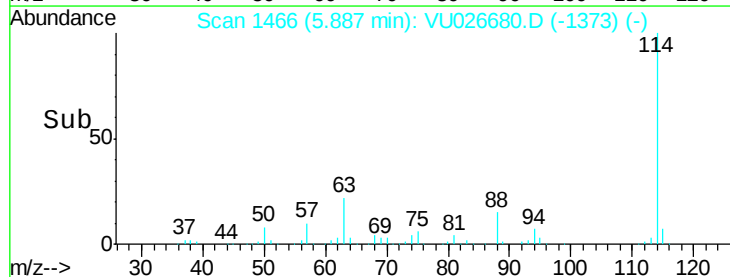
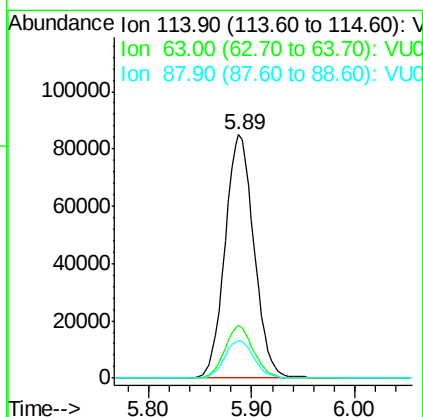
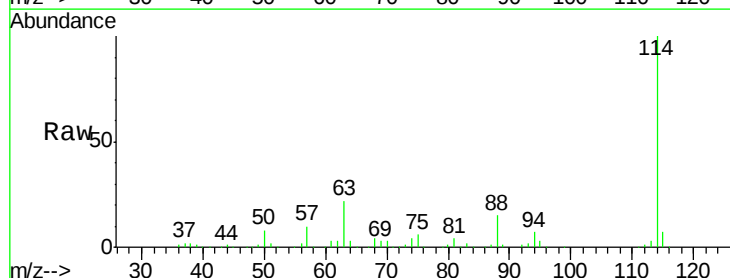
Instrument :
 MSVOA_U
 ClientSampleId :

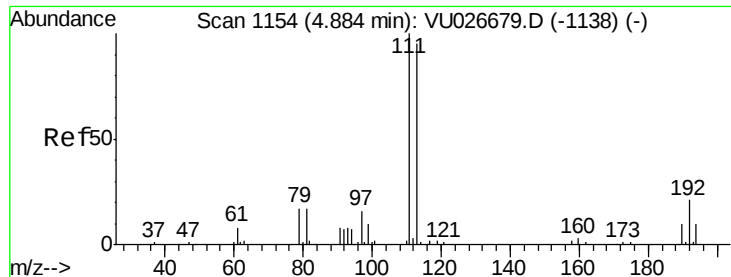
Tot Ion: 65 Resp: 165950
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 114 Resp: 166104
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.2 0.0 30.8

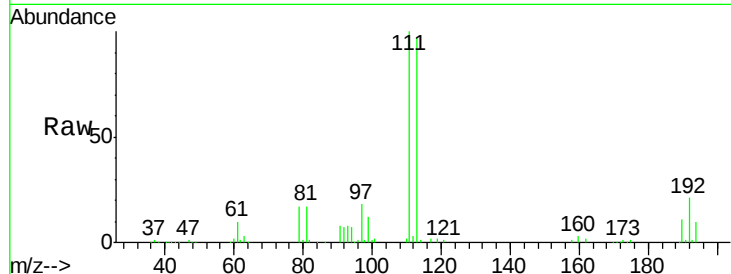




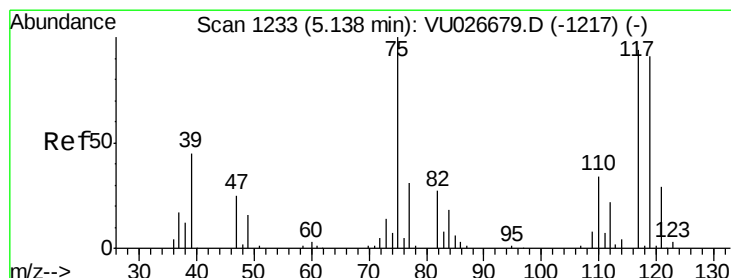
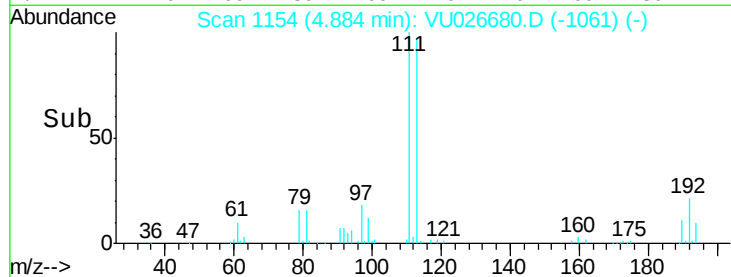
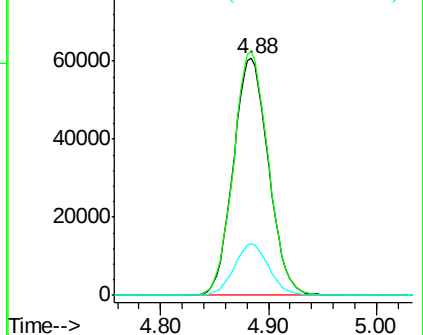
#35
 Dibromofluoromethane
 Concen: 102.08 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	21.2	17.4	26.2

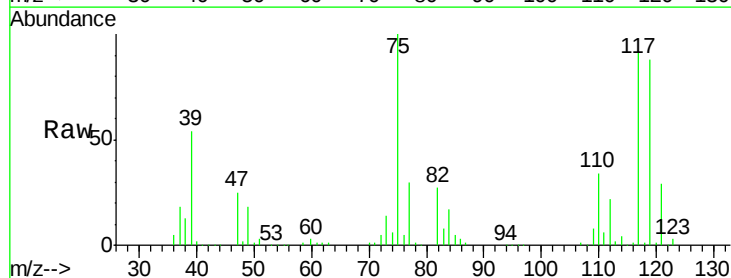


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

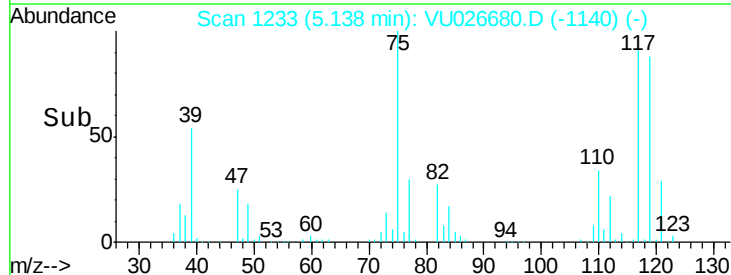
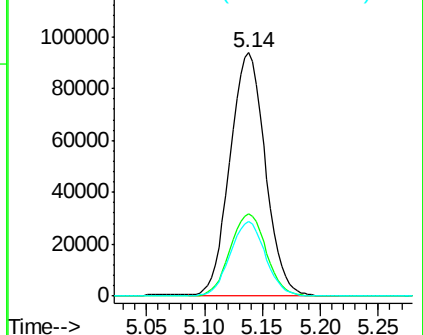


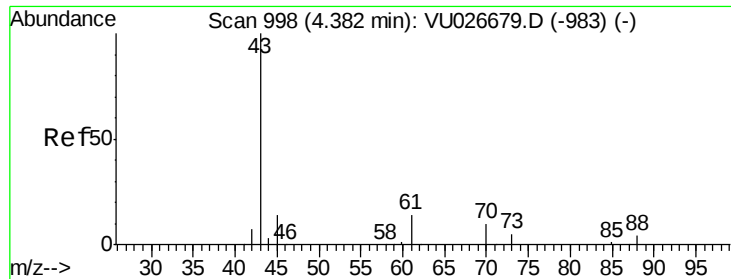
#36
 1,1-Dichloropropene
 Concen: 106.25 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	51.9
77	30.7	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

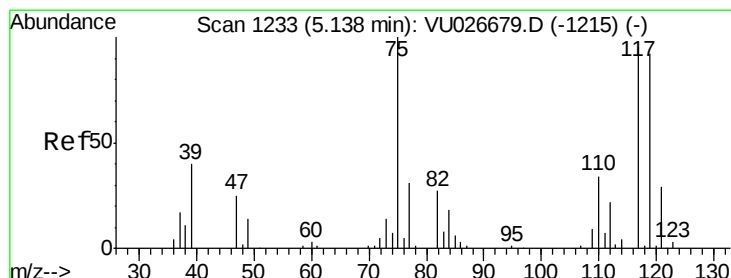
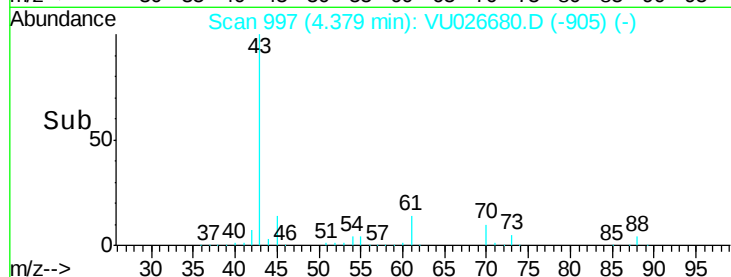
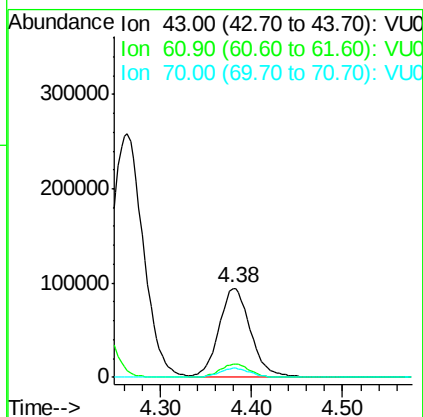
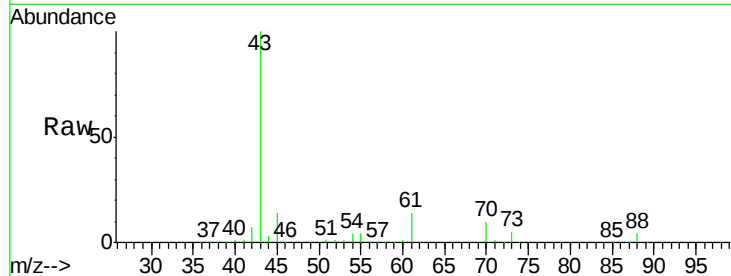




#37
Ethyl Acetate
Concen: 101.01 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

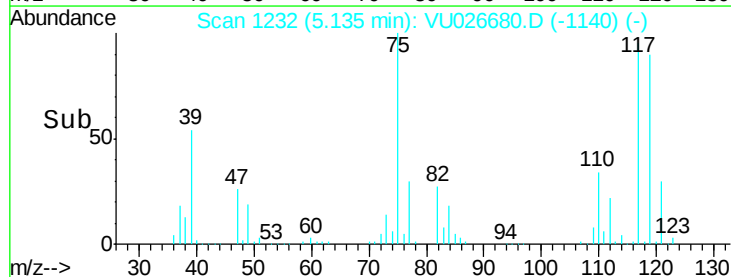
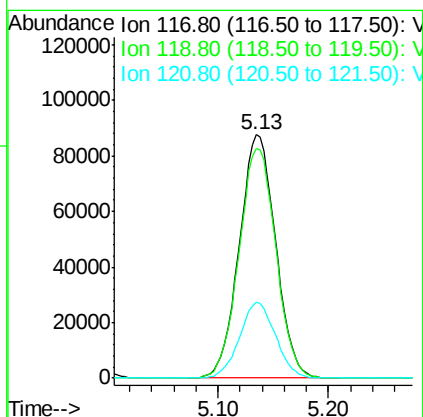
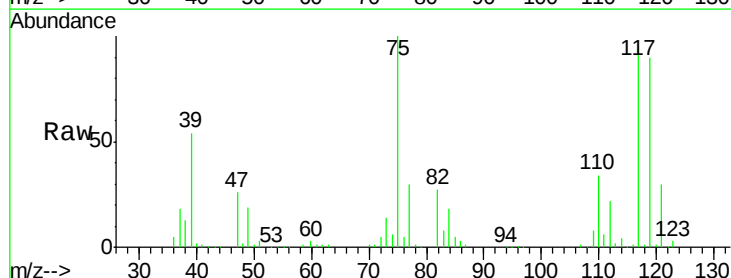
Instrument :
MSVOA_U
ClientSampleId :

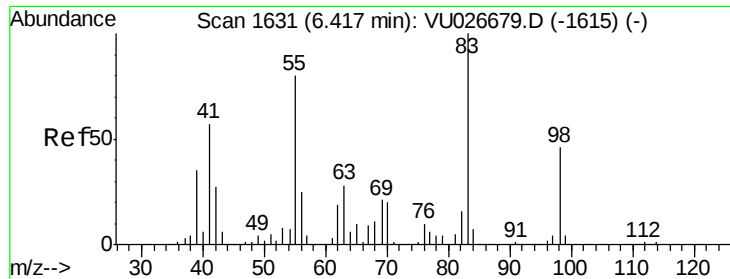
Tot Ion: 43 Resp: 226523
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 101.29 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 117 Resp: 199579
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8
121 31.0 25.0 37.4

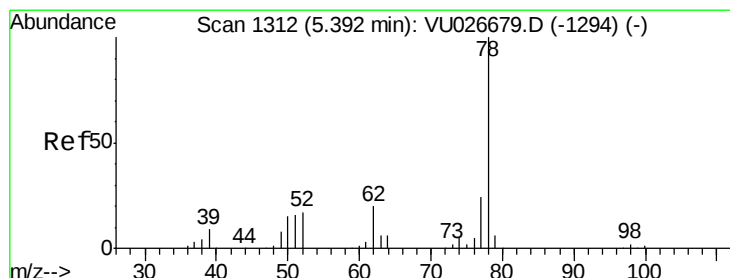
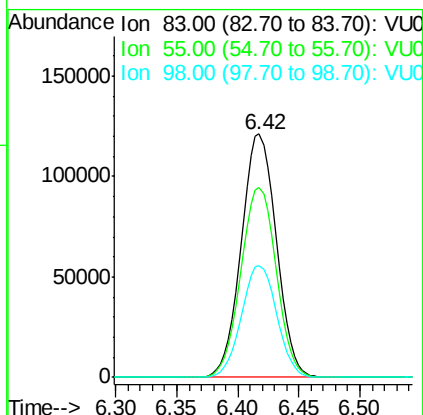
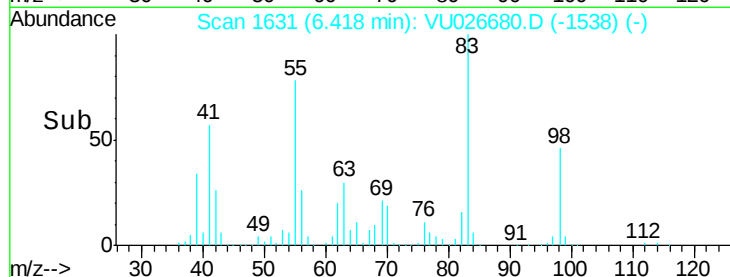
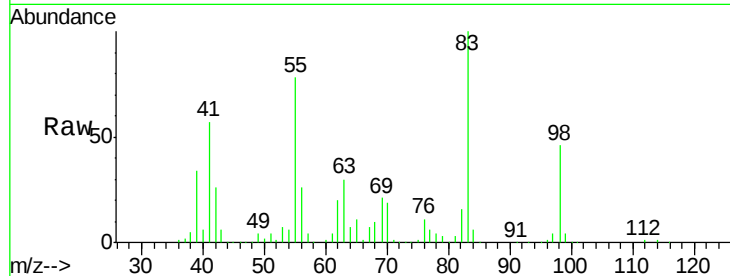




#39
Methvlcvclohexane
Concen: 108.63 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

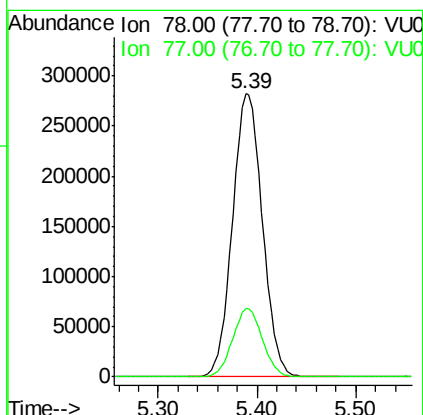
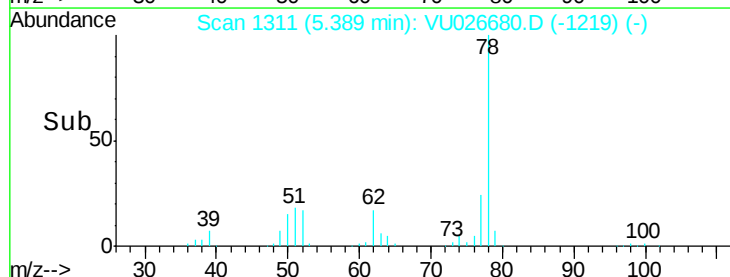
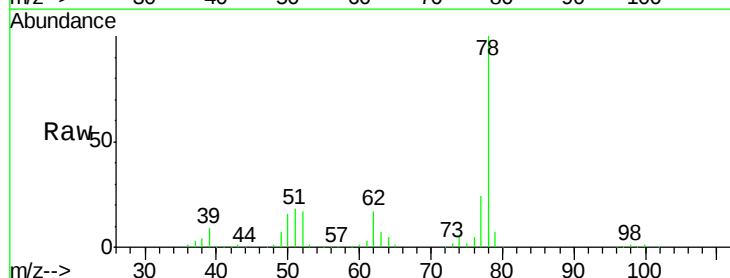
Instrument :
MSVOA_U
ClientSampleId :

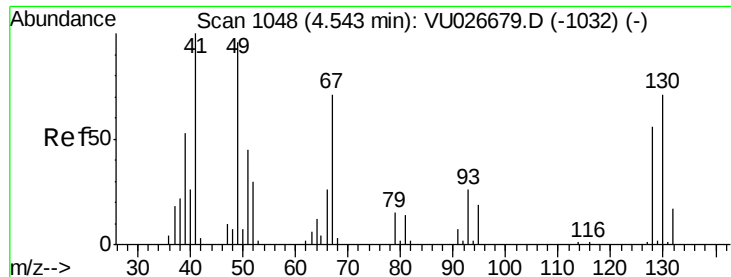
Tot Ion: 83 Resp: 240545
Ion Ratio Lower Upper
83 100
55 78.2 63.8 95.6
98 46.1 37.2 55.8



#40
Benzene
Concen: 102.18 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 78 Resp: 591776
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

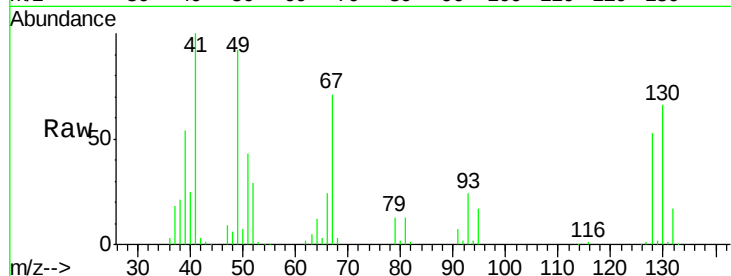




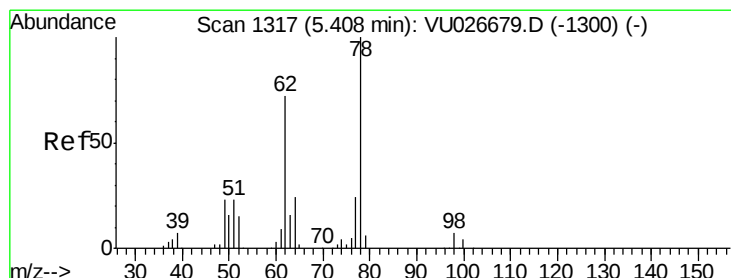
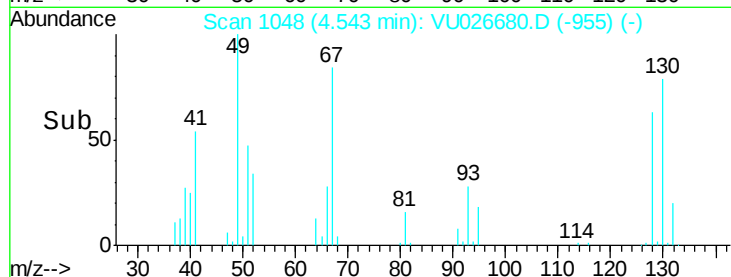
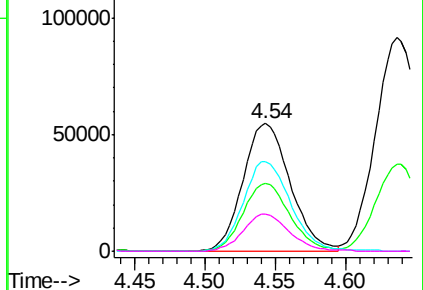
#41
Methacrylonitrile
Concen: 110.40 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	128503
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.9	64.3
67	70.8	56.6	84.8
52	28.8	23.2	34.8

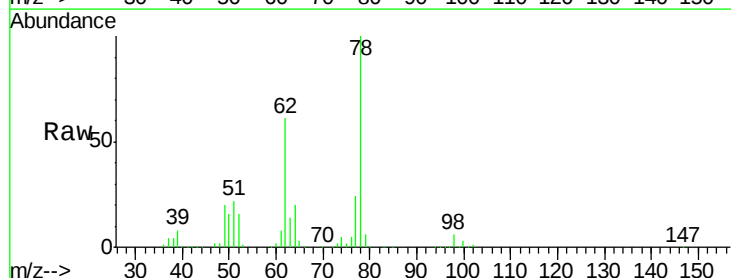


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

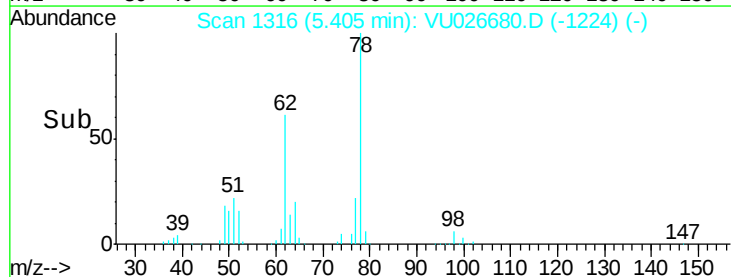
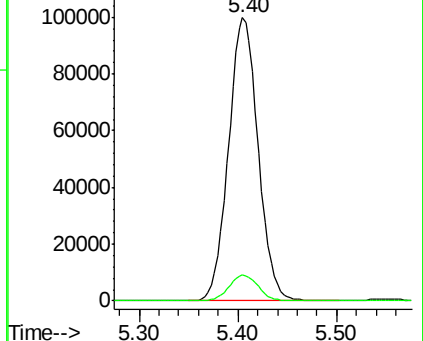


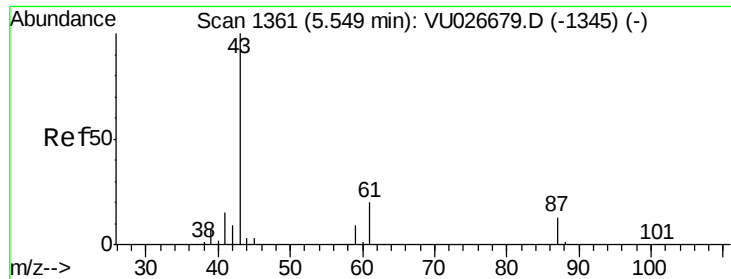
#42
1,2-Dichloroethane
Concen: 101.01 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion:	62	Resp:	208613
Ion	Ratio	Lower	Upper
62	100		
98	9.0	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: 107.11 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

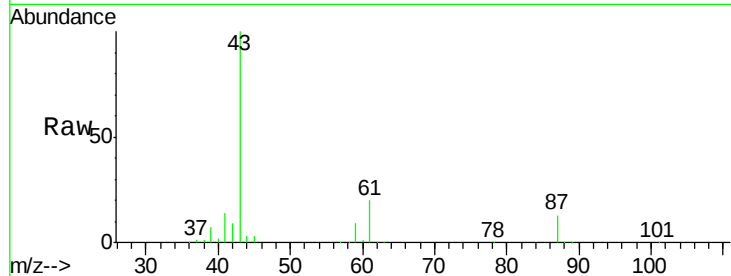
Tot Ion: 43 Resp: 365744

Ion Ratio Lower Upper

43 100

61 19.6 16.0 24.0

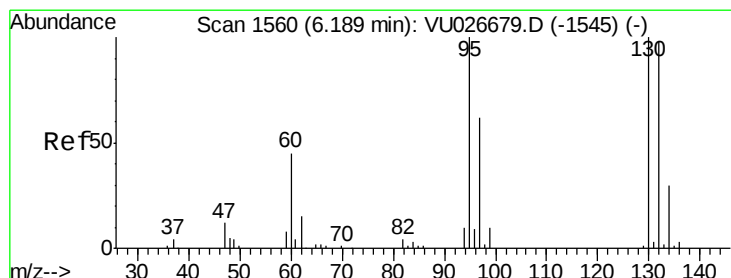
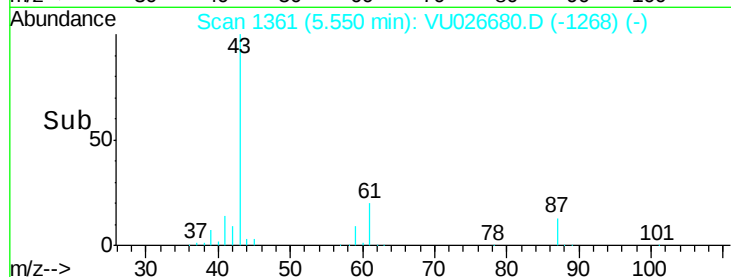
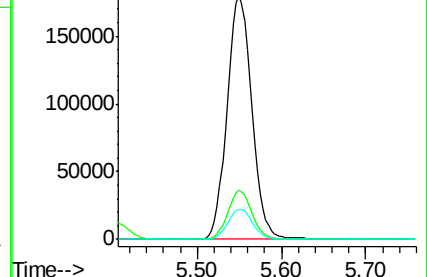
87 12.5 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-1345) (-)

Ion 61.00 (60.70 to 61.70): VU026679.D (-1345) (-)

Ion 87.00 (86.70 to 87.70): VU026679.D (-1345) (-)



#44

Trichloroethene

Concen: 104.12 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026680.D

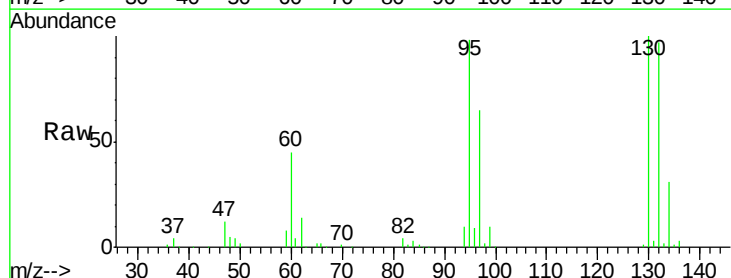
Acq: 11 Sep 2018 12:07

Tgt Ion:130 Resp: 149242

Ion Ratio Lower Upper

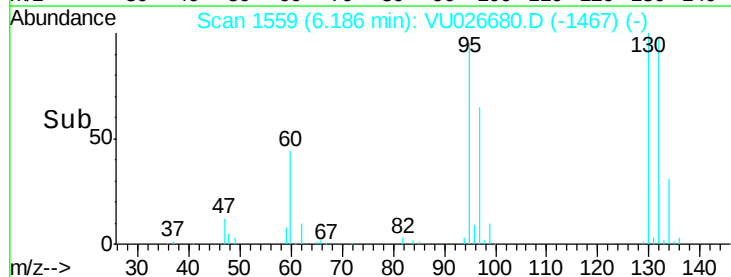
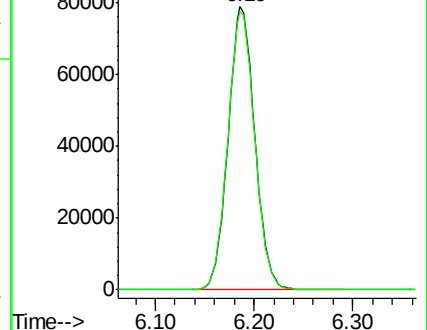
130 100

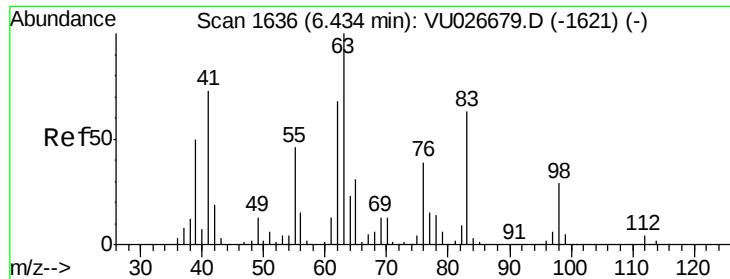
95 98.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VU026679.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026679.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 104.08 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

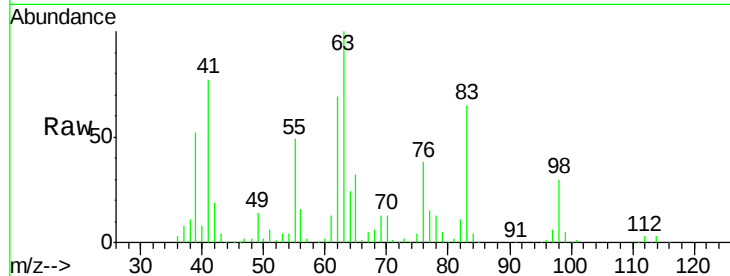
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 63 Resp: 163872

Ion Ratio Lower Upper

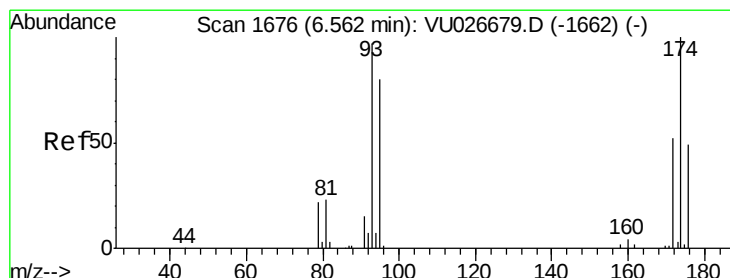
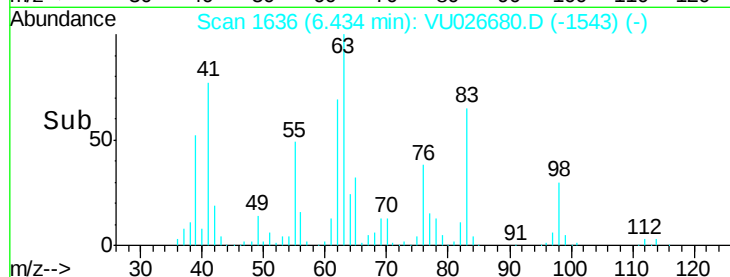
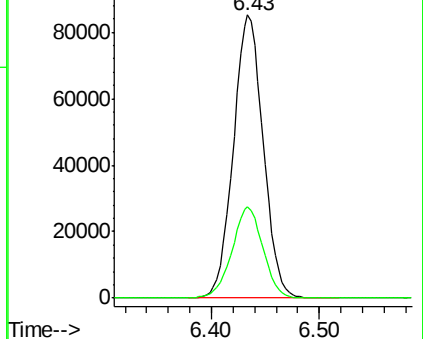
63 100

65 32.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VU026679.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026679.D (-1621) (-)



#46

Dibromomethane

Concen: 104.73 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

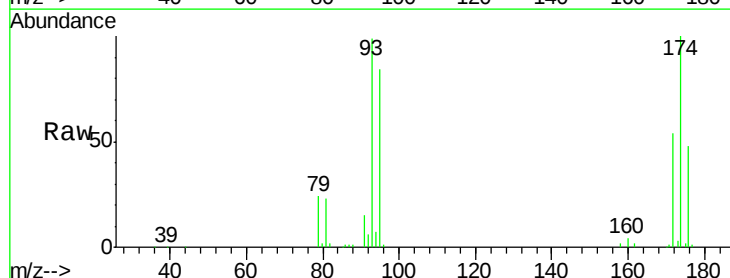
Tgt Ion: 93 Resp: 106406

Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.2

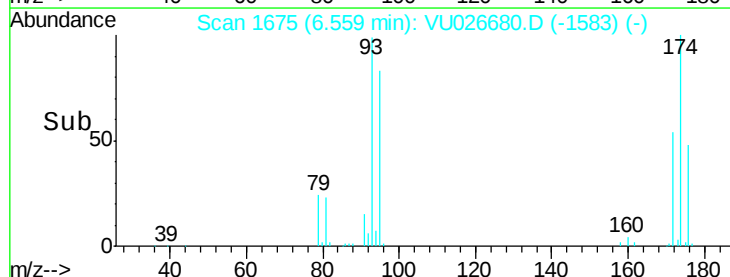
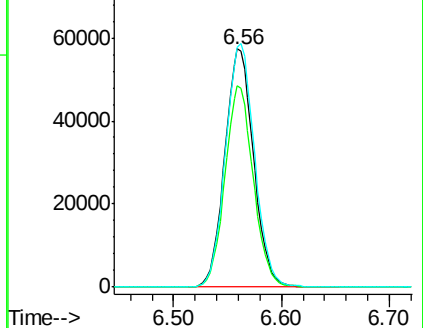
174 103.4 81.6 122.4

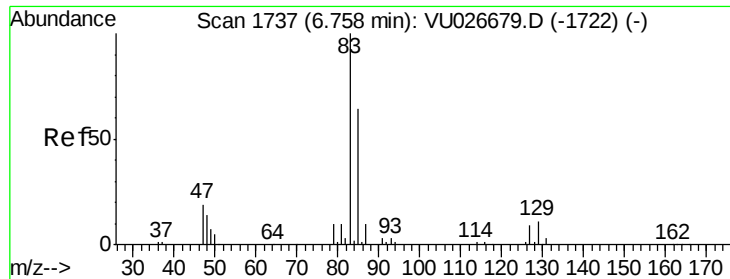


Abundance Ion 92.80 (92.50 to 93.50): VU026679.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026679.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026679.D (-1662) (-)

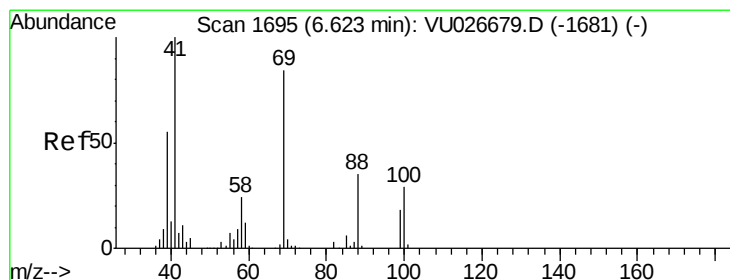
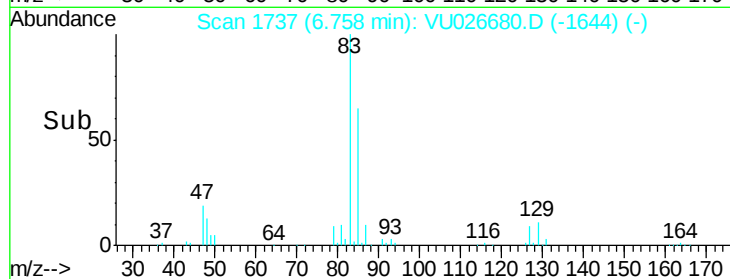
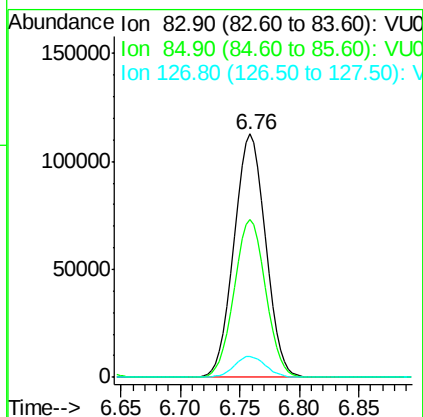
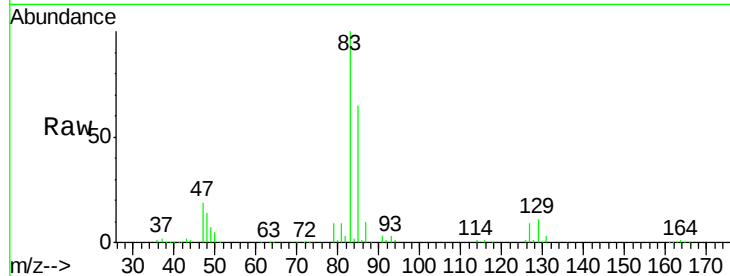




#47
 Bromodichloromethane
 Concen: 104.01 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

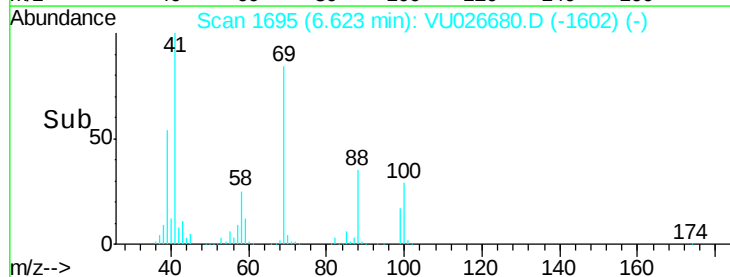
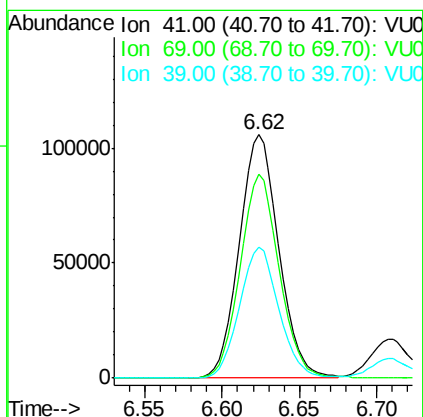
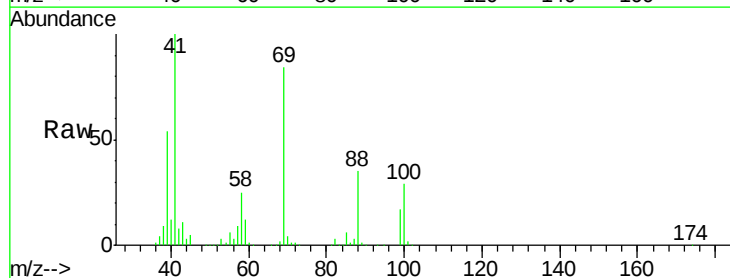
Instrument :
 MSVOA_U
 ClientSampleId :

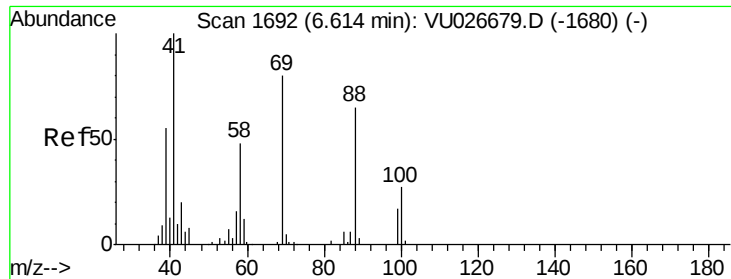
Tot Ion	83	Resp	208096
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7
127	8.6	6.9	10.3



#48
 Methyl methacrylate
 Concen: 111.49 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion	41	Resp	187866
Ion	Ratio	Lower	Upper
41	100		
69	83.1	66.6	99.8
39	53.5	43.6	65.4

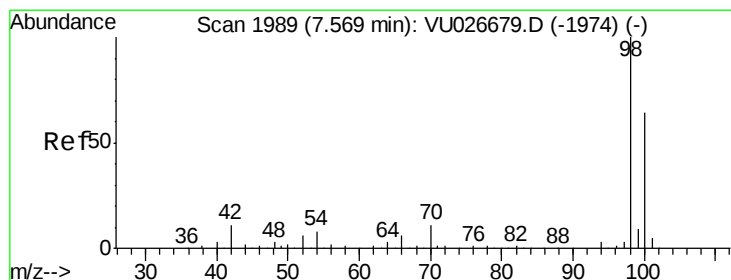
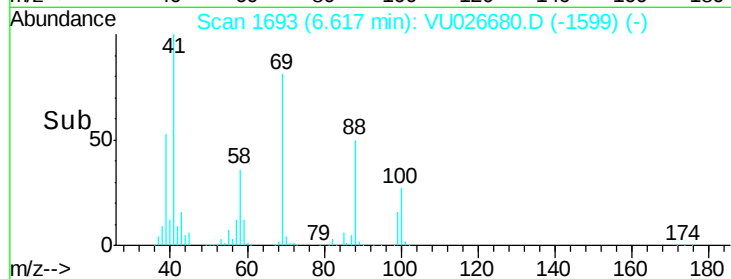
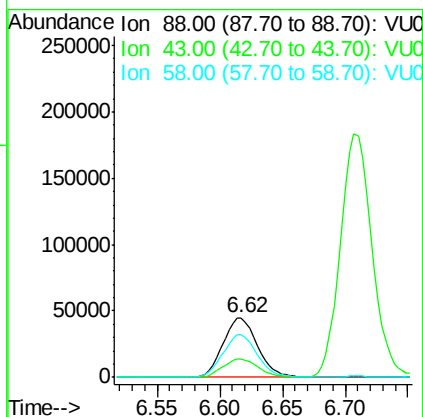
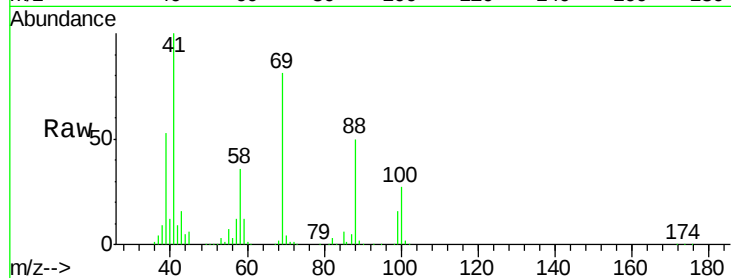




#49
1,4-Dioxane
Concen: 2160.78 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

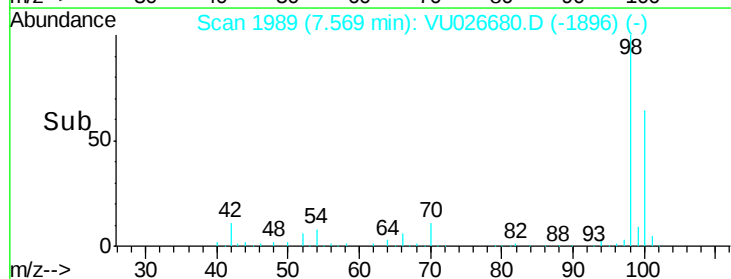
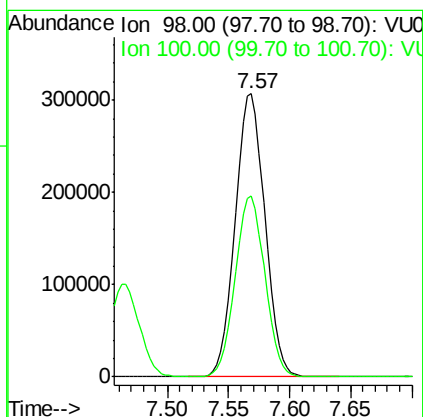
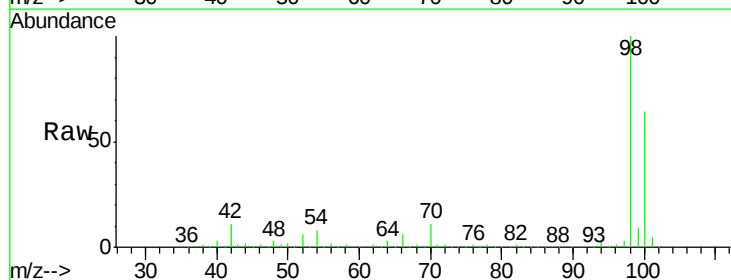
Instrument :
MSVOA_U
ClientSampled :

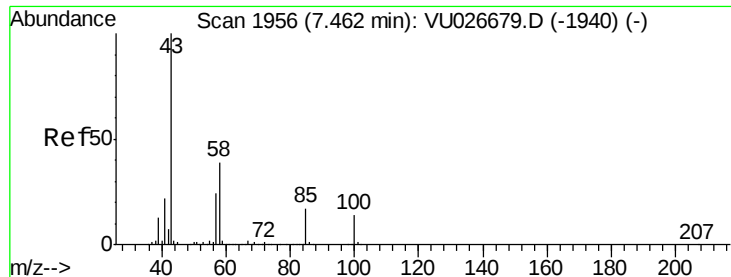
Tot Ion: 88 Resp: 84392
Ion Ratio Lower Upper
88 100
43 32.7 25.5 38.3
58 72.5 58.2 87.4



#50
Toluene-d8
Concen: 103.30 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 98 Resp: 517673
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 544.11 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

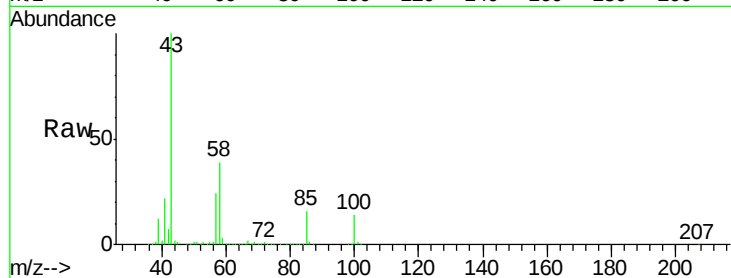
ClientSampleId :

Tot Ion: 43 Resp: 1242802

Ion Ratio Lower Upper

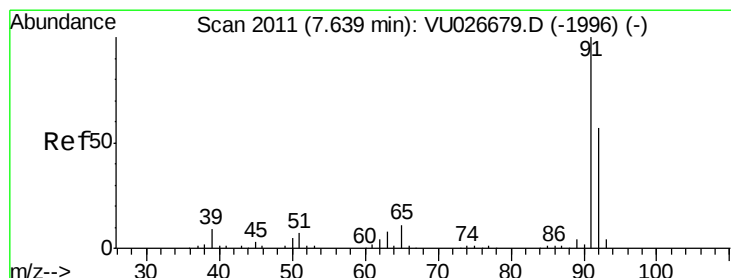
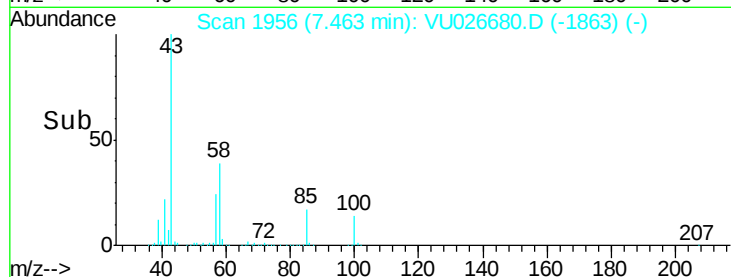
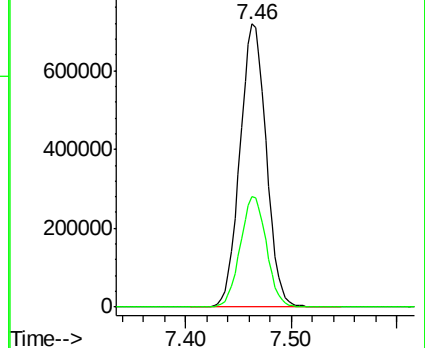
43 100

58 38.9 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 106.36 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026680.D

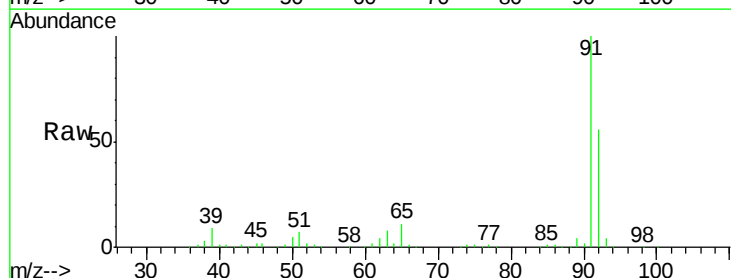
Acq: 11 Sep 2018 12:07

Tgt Ion: 92 Resp: 366936

Ion Ratio Lower Upper

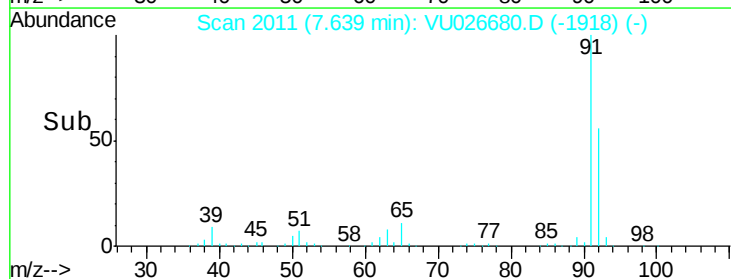
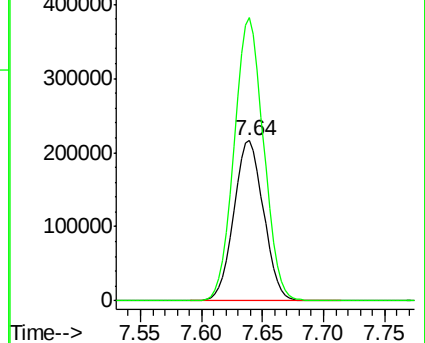
92 100

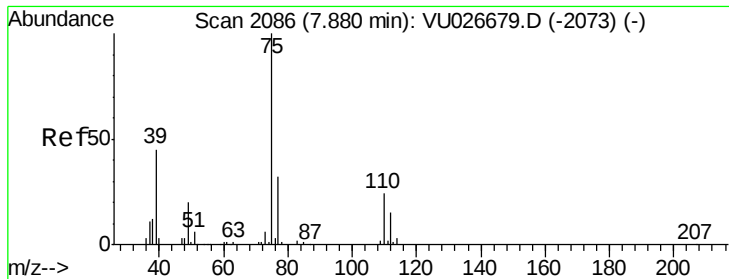
91 175.3 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

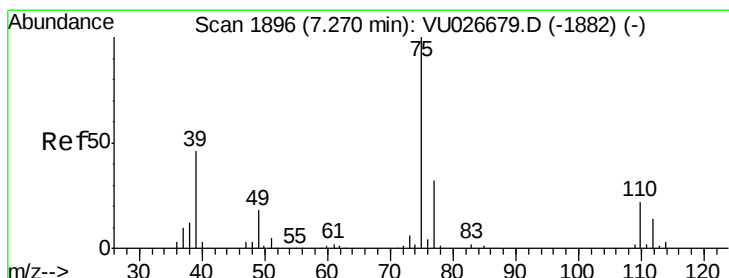
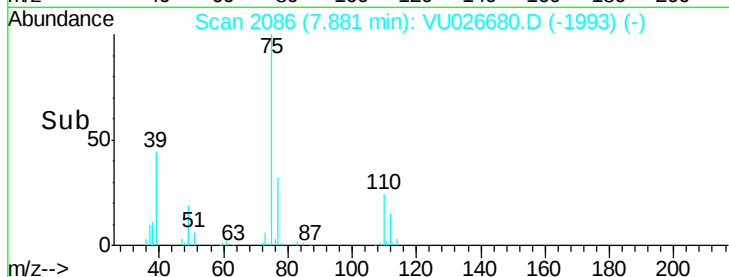
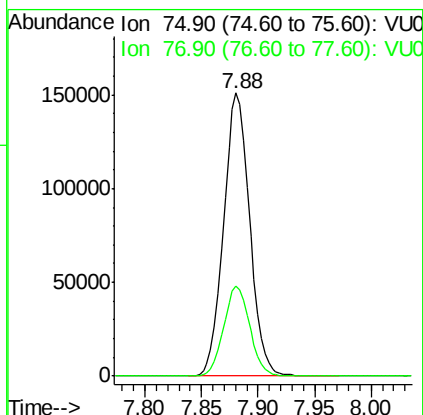
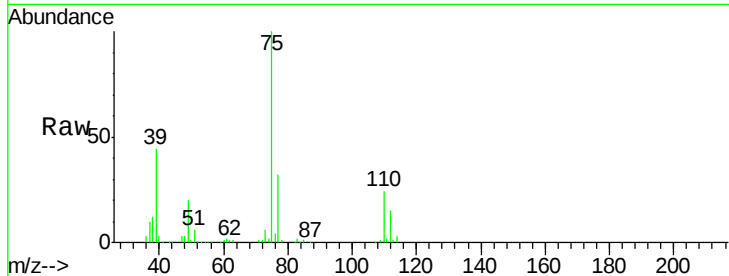




#53
t-1,3-Dichloropropene
Concen: 109.26 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

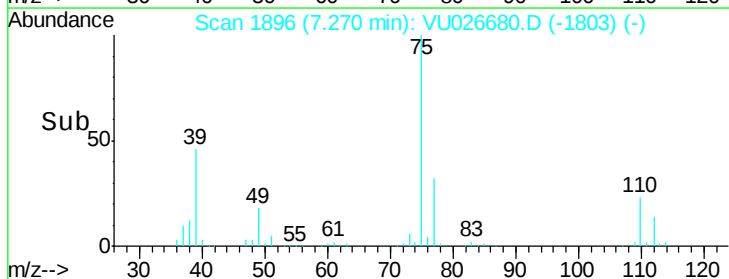
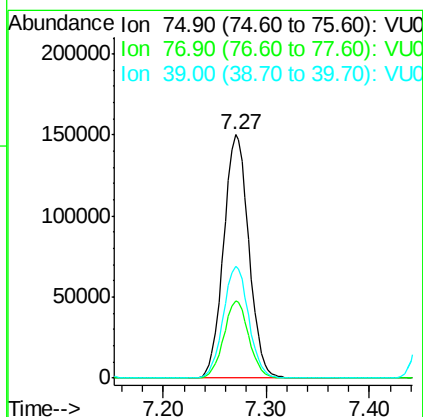
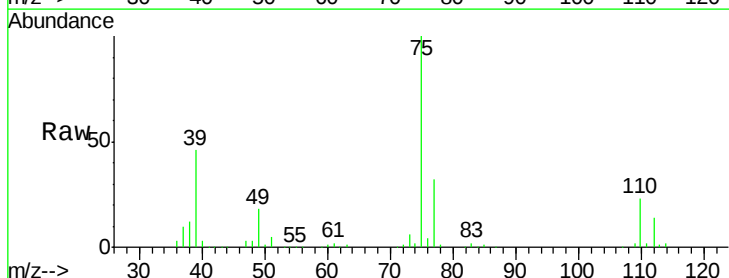
Instrument :
MSVOA_U
ClientSampleId :

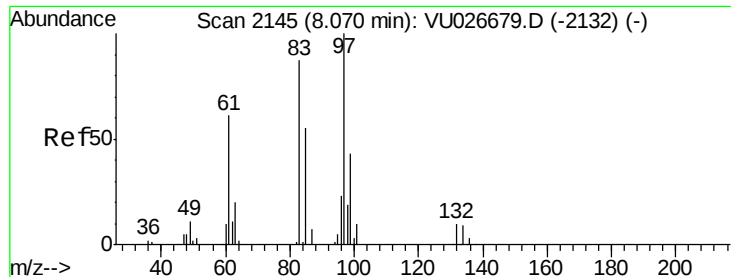
Tot Ion: 75 Resp: 242472
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 107.55 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 75 Resp: 256287
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 46.1 37.0 55.6



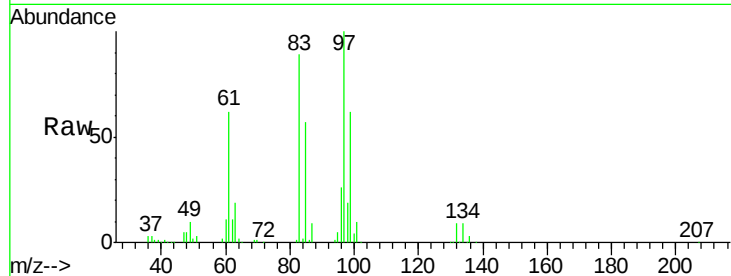


#55
 1,1,2-Trichloroethane
 Concen: 102.98 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

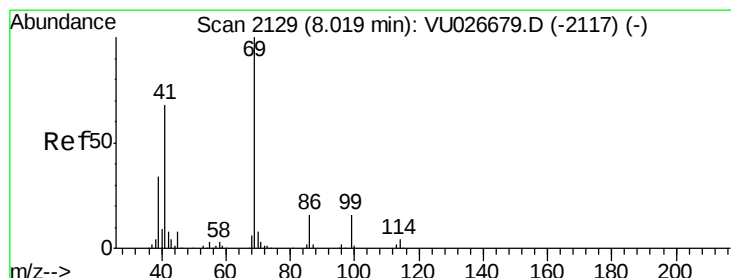
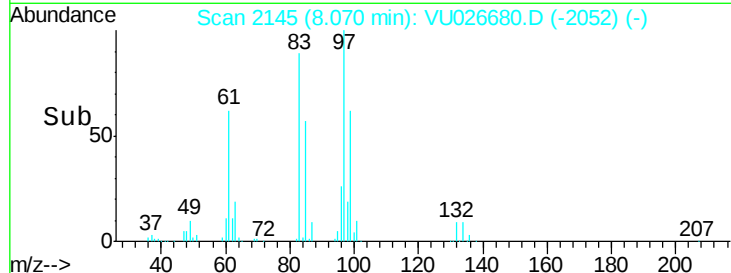
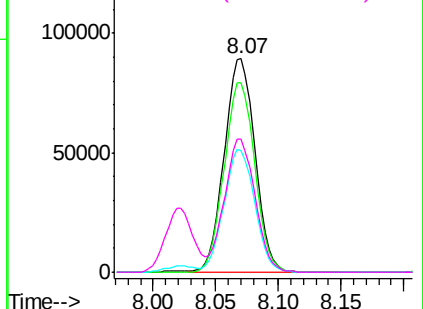
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 152222

Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.3	103.9
85	57.1	45.9	68.9
99	62.1	50.1	75.1



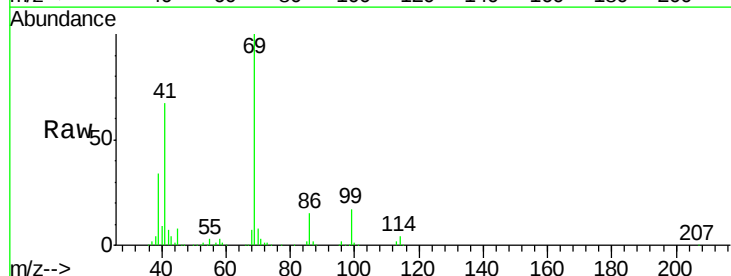
Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0



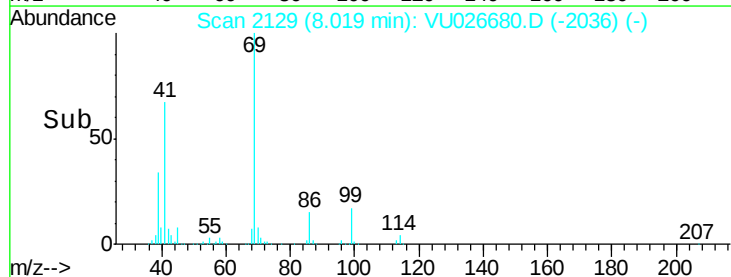
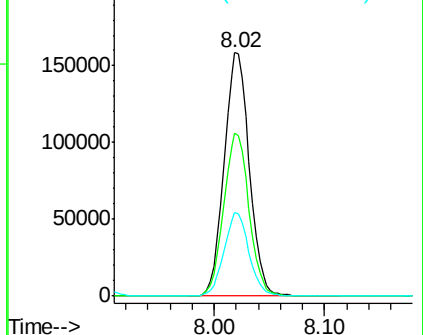
#56
 Ethyl methacrylate
 Concen: 116.44 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

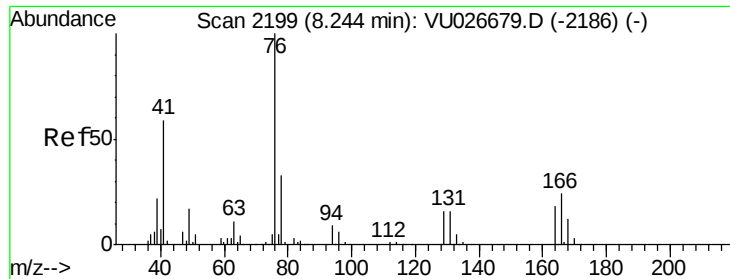
Tgt Ion: 69 Resp: 251304

Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.2	81.2
39	33.7	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: 105.51 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

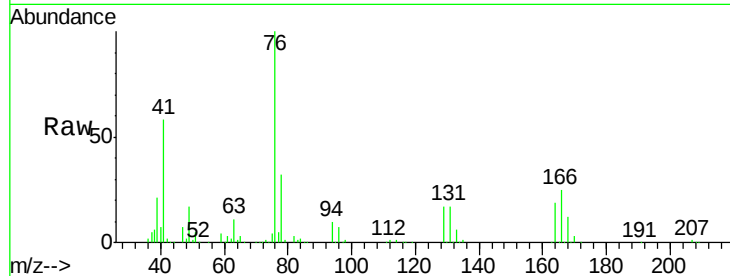
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 265806

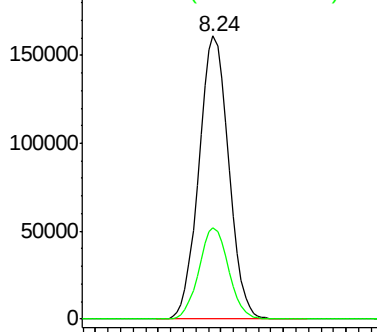
Ion Ratio Lower Upper

76 100

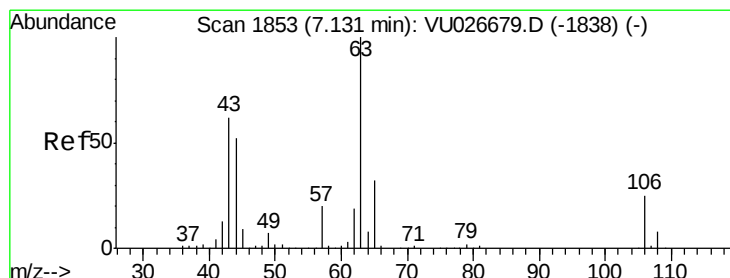
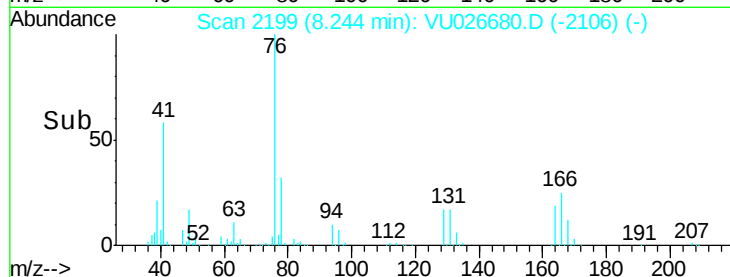
78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0



Time--> 8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 558.73 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU026680.D

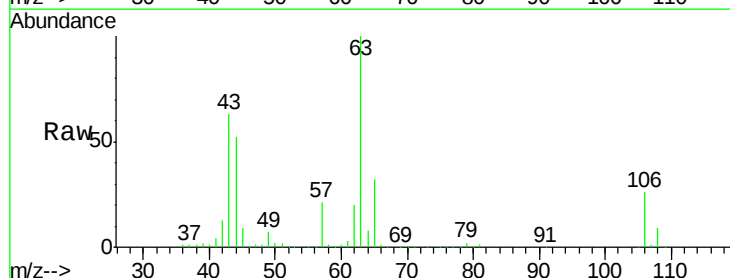
Acq: 11 Sep 2018 12:07

Tgt Ion: 63 Resp: 594455

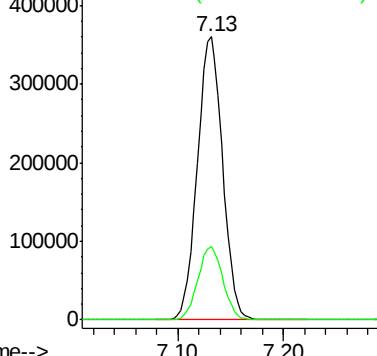
Ion Ratio Lower Upper

63 100

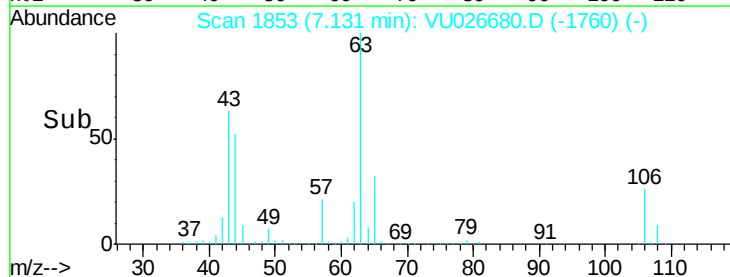
106 25.8 20.5 30.7

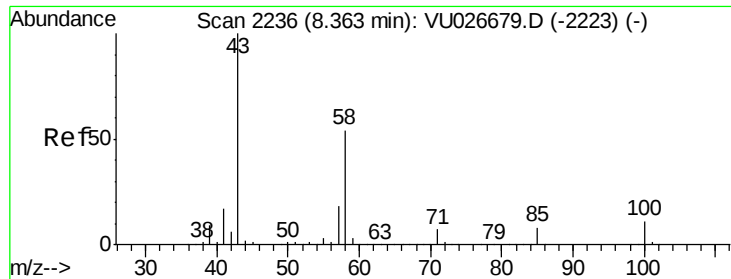


Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 105.90 (105.60 to 106.60): V



Time--> 7.10 7.20

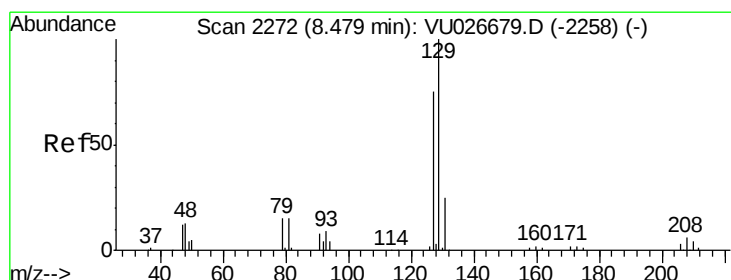
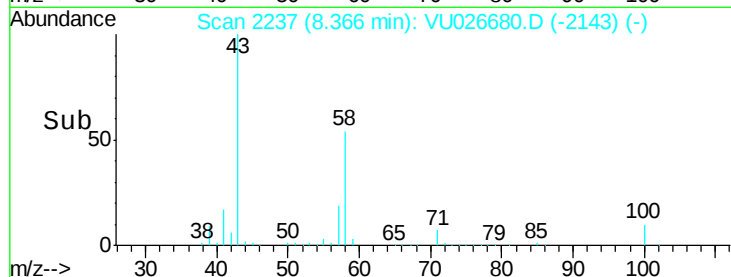
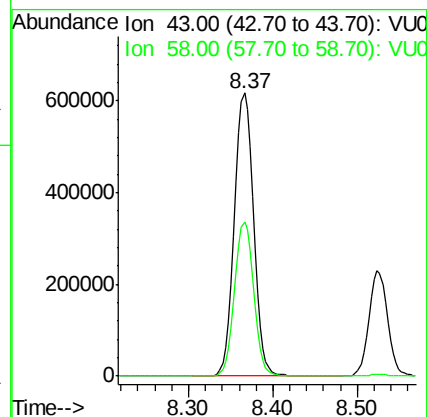
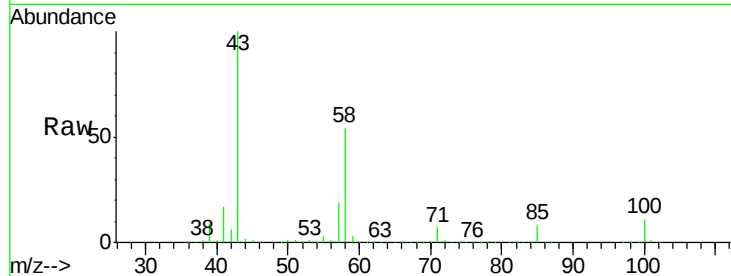




#59
2-Hexanone
Concen: 548.66 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

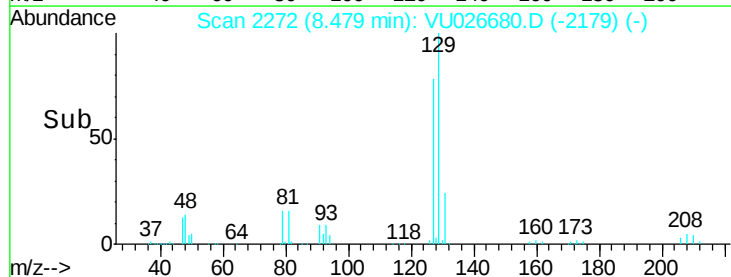
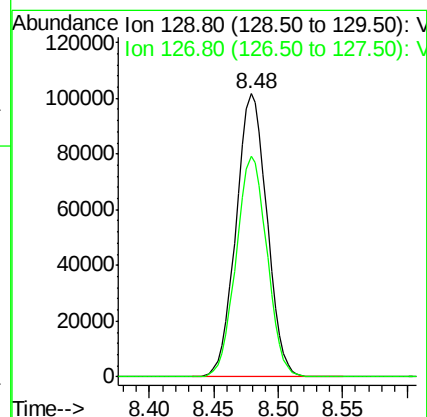
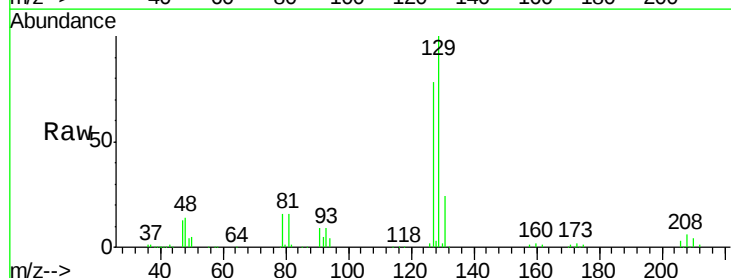
Instrument :
MSVOA_U
ClientSampleId :

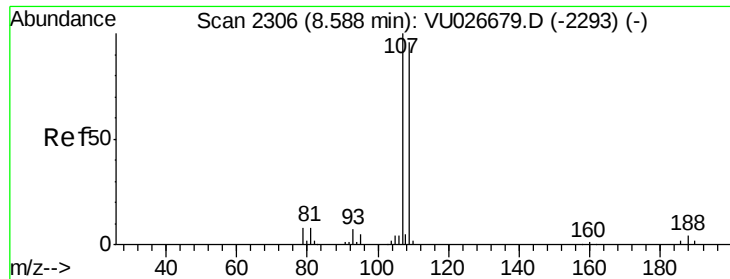
Tot Ion: 43 Resp: 986250
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.7



#60
Dibromochloromethane
Concen: 105.94 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 129 Resp: 169598
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9

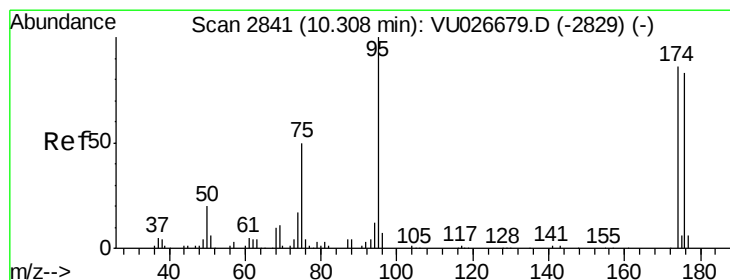
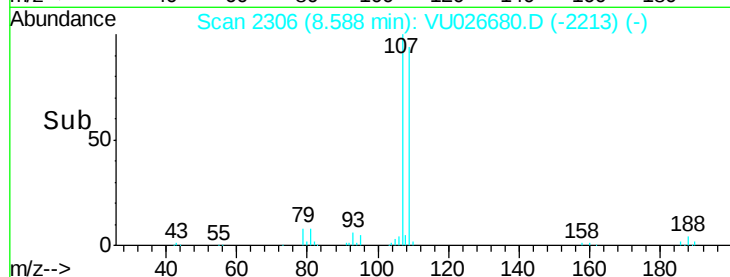
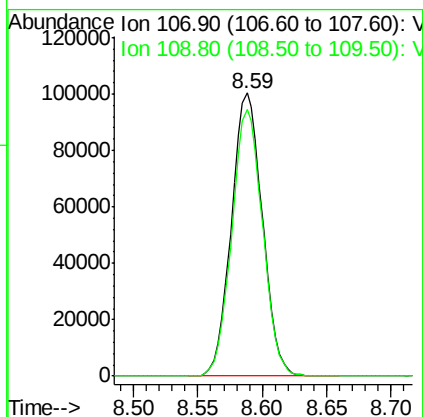
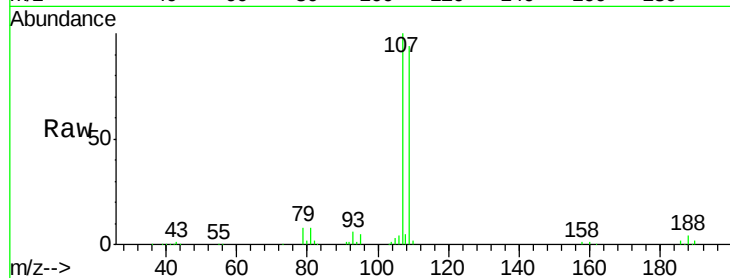




#61
 1,2-Dibromoethane
 Concen: 104.30 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

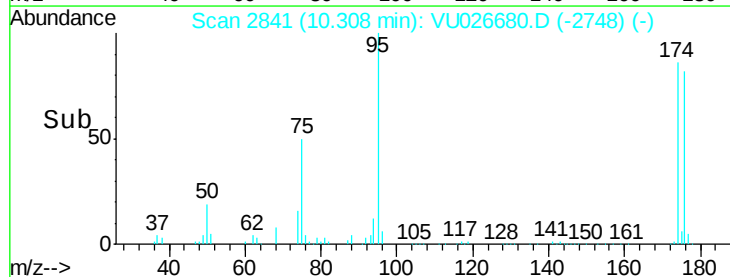
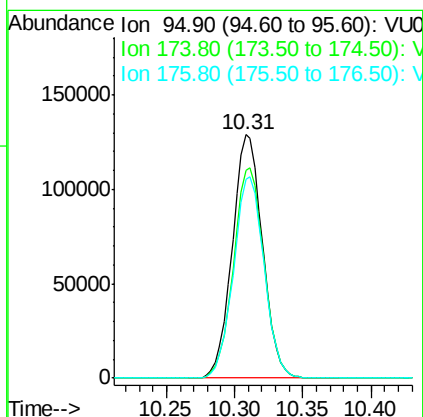
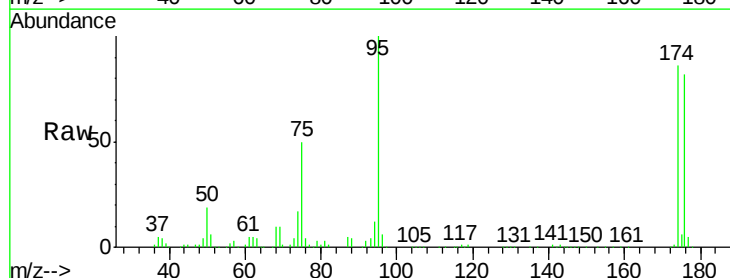
Instrument :
 MSVOA_U
 ClientSampled :

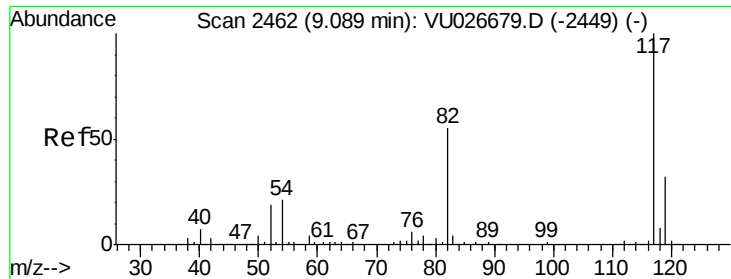
Tot Ion:107 Resp: 167268
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 108.78 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 95 Resp: 197572
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 172.8
 176 84.0 0.0 168.6

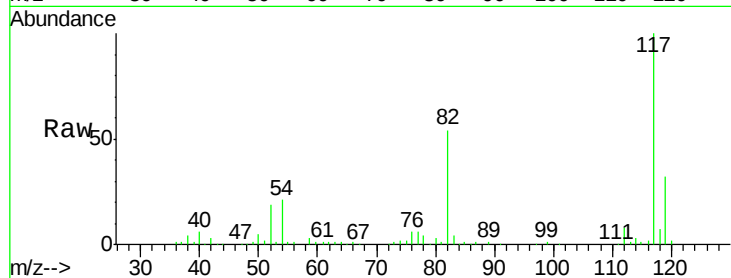




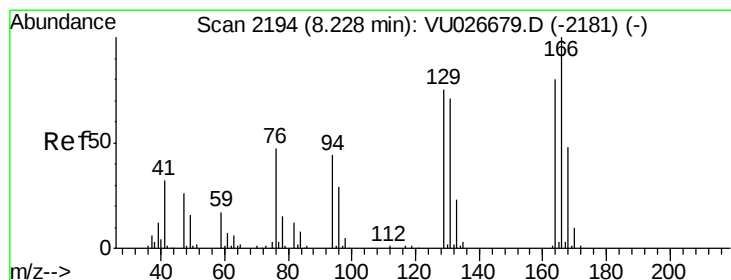
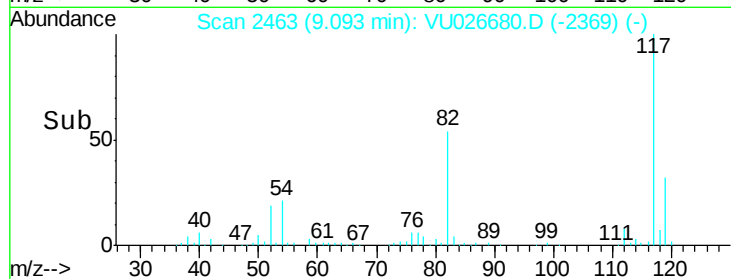
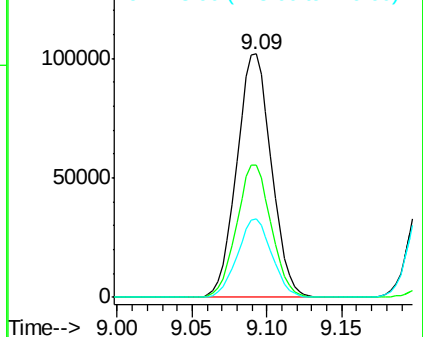
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 164288
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.3 25.7 38.5

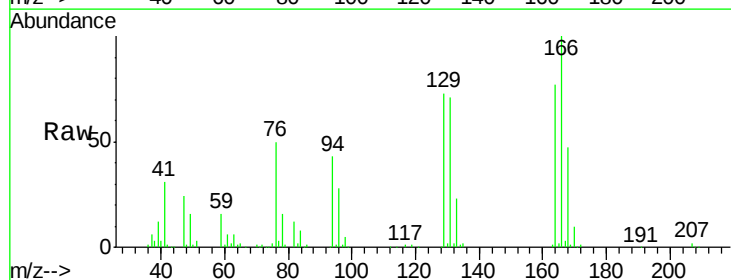


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

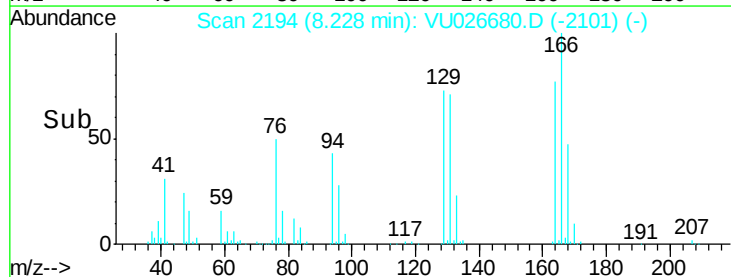
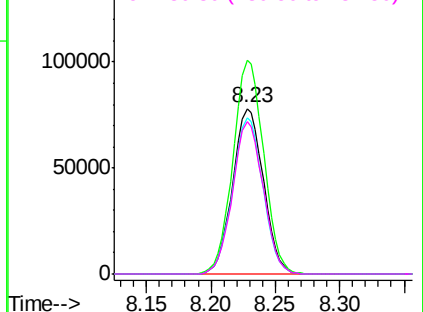


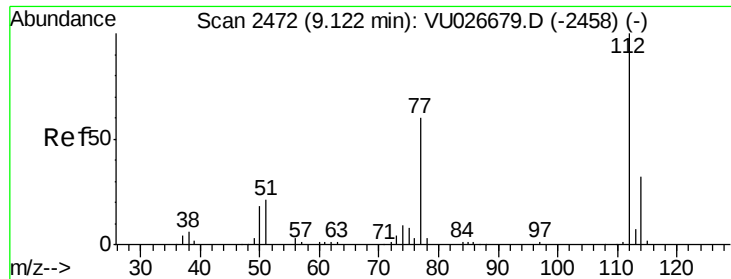
#64
Tetrachloroethene
Concen: 98.77 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion:164 Resp: 129151
Ion Ratio Lower Upper
164 100
166 129.3 100.5 150.7
129 94.5 75.3 112.9
131 92.2 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

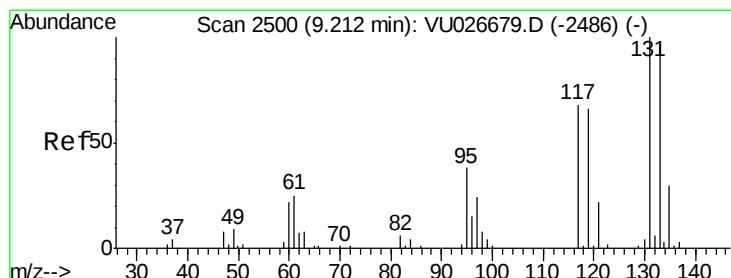
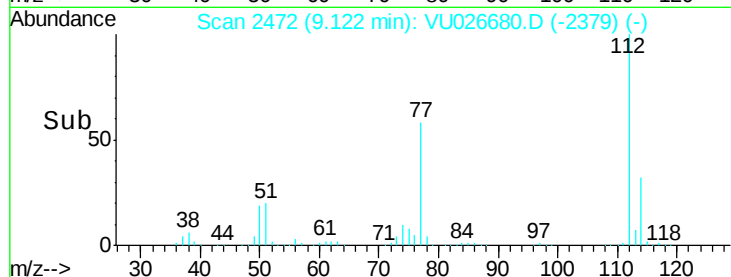
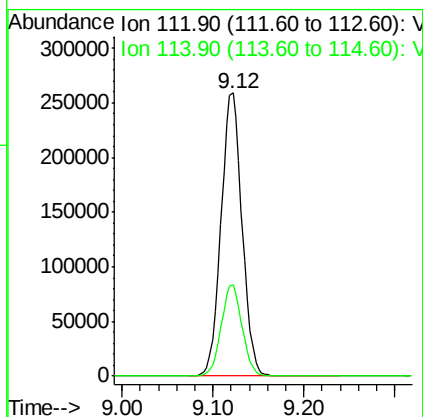
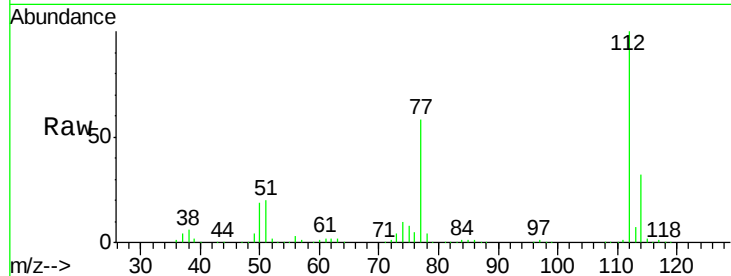




#65
Chlorobenzene
Concen: 101.68 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

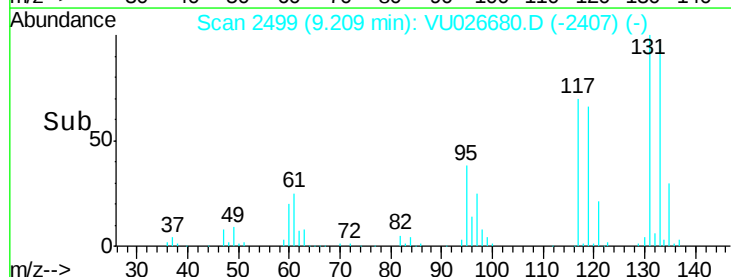
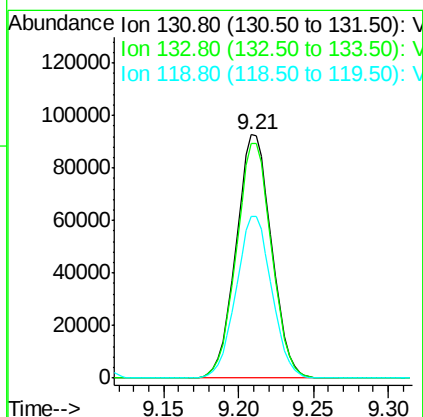
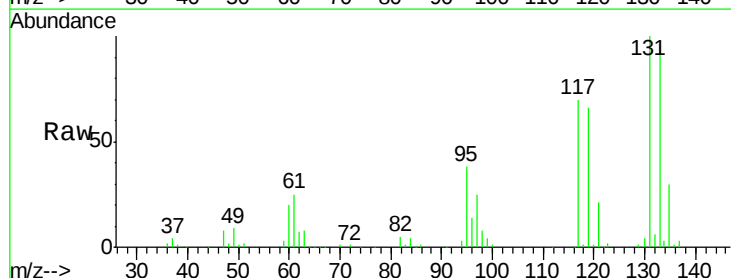
Instrument :
MSVOA_U
ClientSampleId :

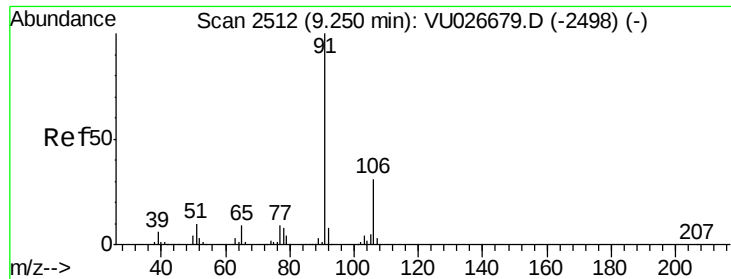
Tot Ion:112 Resp: 415020
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 101.51 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion:131 Resp: 152449
Ion Ratio Lower Upper
131 100
133 96.0 48.9 146.6
119 66.7 32.7 98.1





#67

Ethyl Benzene

Concen: 107.63 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

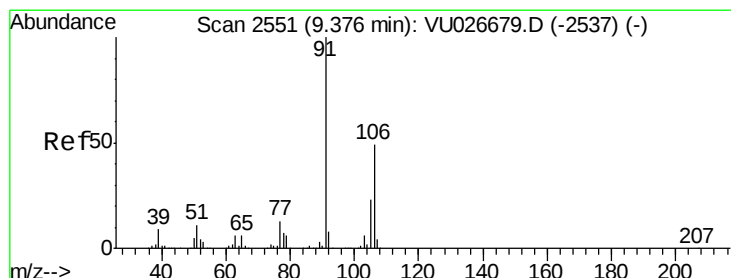
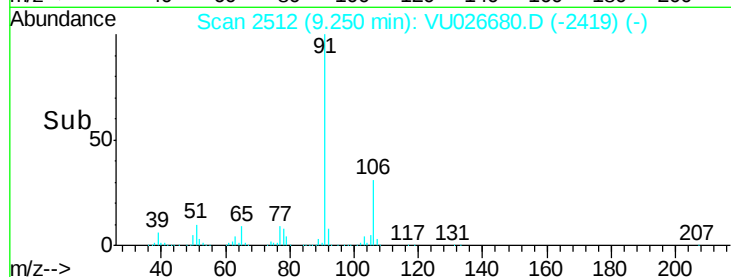
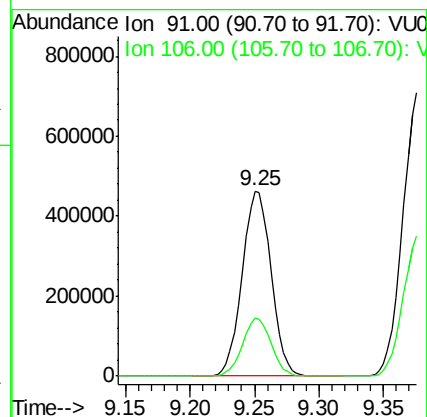
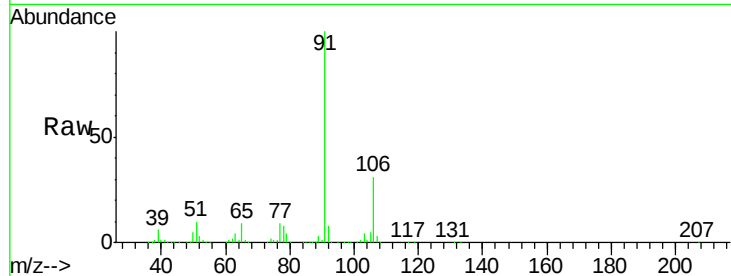
ClientSampled :

Tot Ion: 91 Resp: 723654

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 219.68 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU026680.D

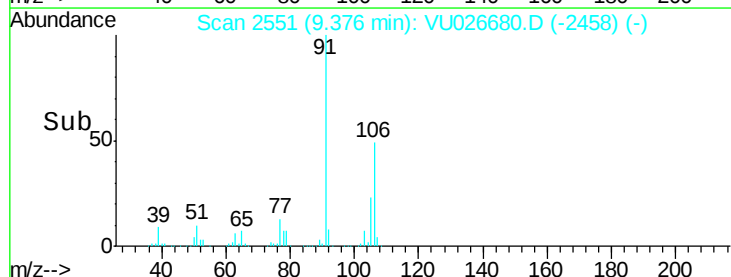
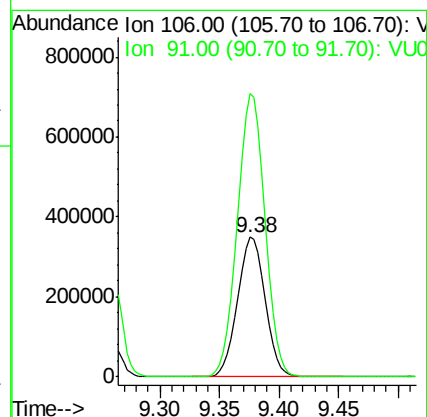
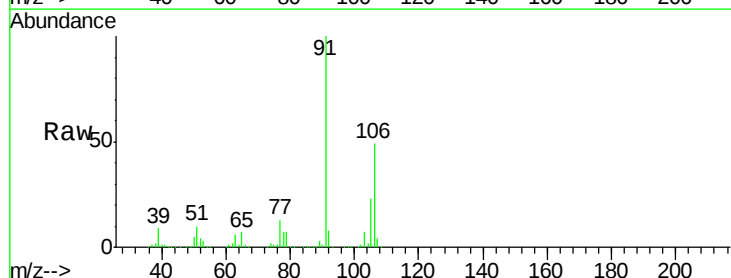
Acq: 11 Sep 2018 12:07

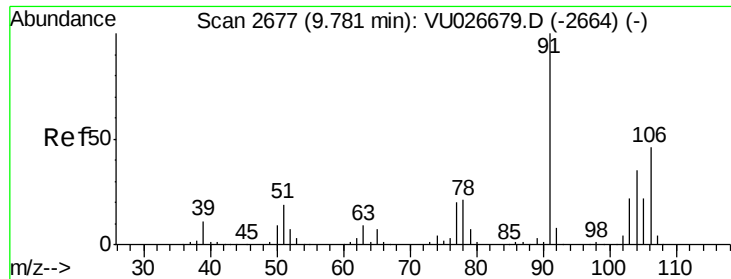
Tgt Ion: 106 Resp: 561881

Ion Ratio Lower Upper

106 100

91 203.2 162.1 243.1

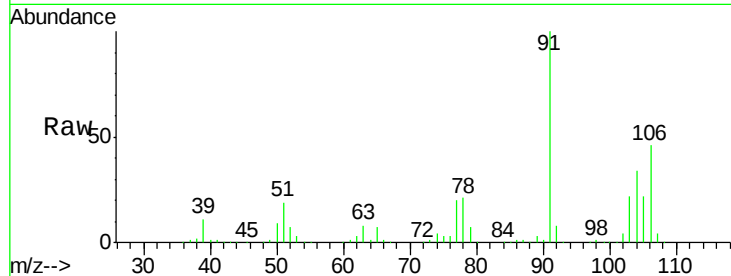




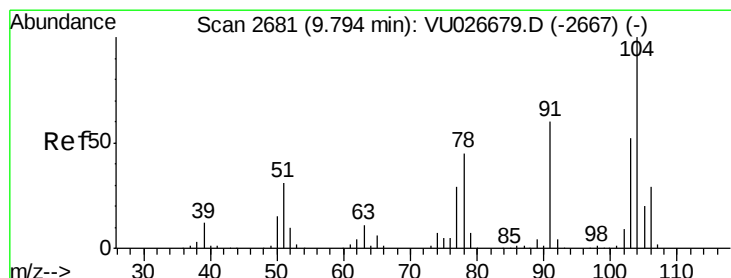
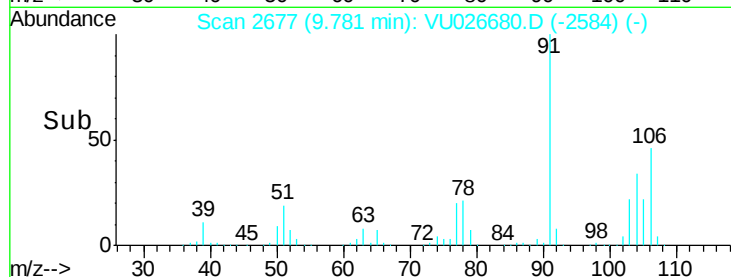
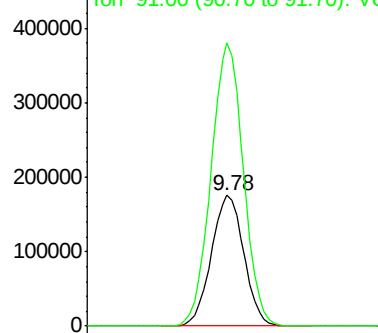
#69
o-Xylene
Concen: 109.76 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 273485
Ion Ratio Lower Upper
106 100
91 214.7 106.9 320.8

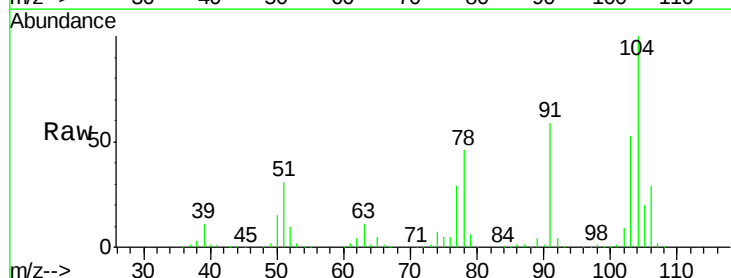


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

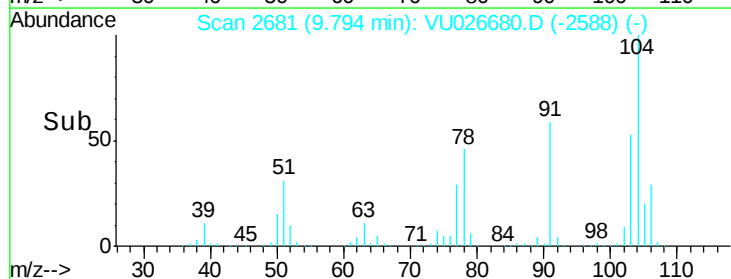
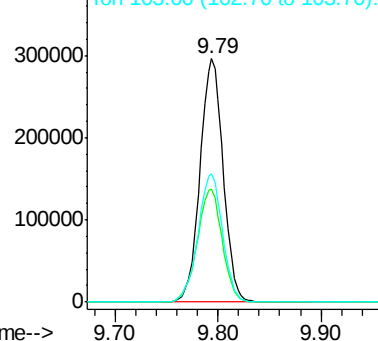


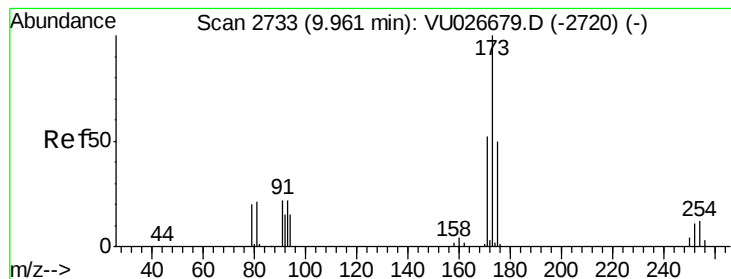
#70
Styrene
Concen: 113.43 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion:104 Resp: 462652
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 56.1 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: 110.85 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampled :

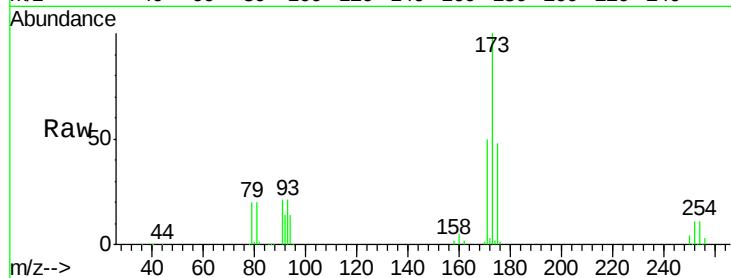
Tot Ion:173 Resp: 144780

Ion Ratio Lower Upper

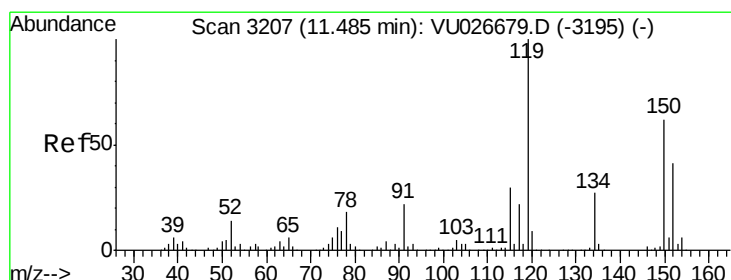
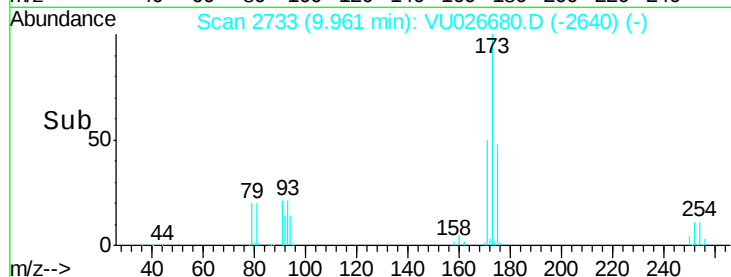
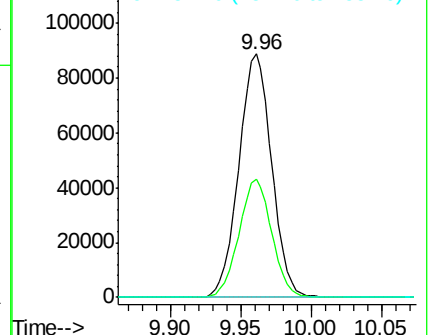
173 100

175 48.3 24.7 74.1

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

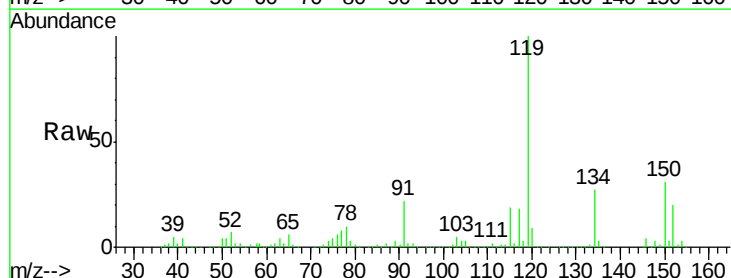
Tgt Ion:152 Resp: 104091

Ion Ratio Lower Upper

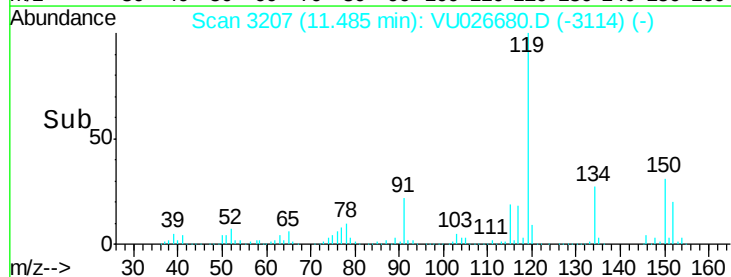
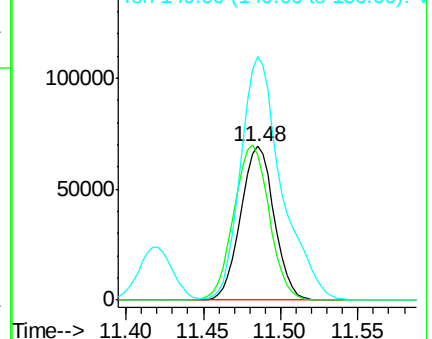
152 100

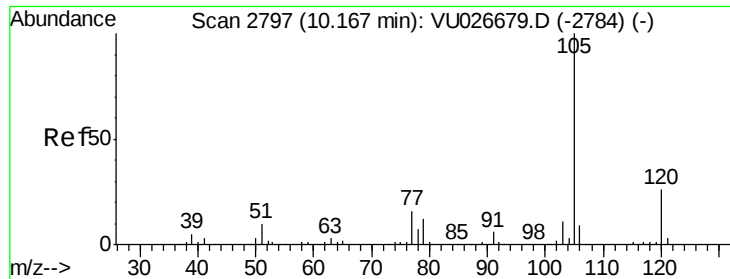
115 106.5 40.4 121.1

150 194.0 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: 103.54 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

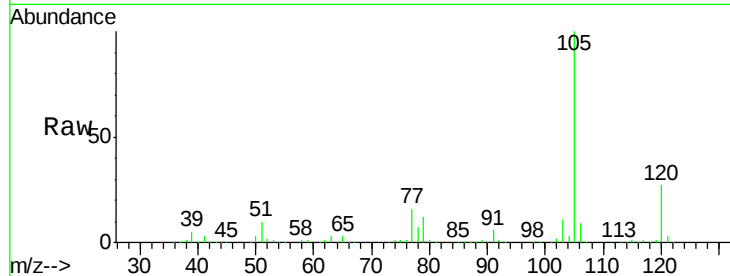
ClientSampleId :

Tot Ion:105 Resp: 734436

Ion Ratio Lower Upper

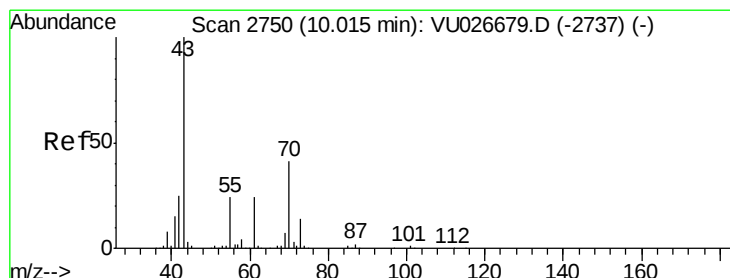
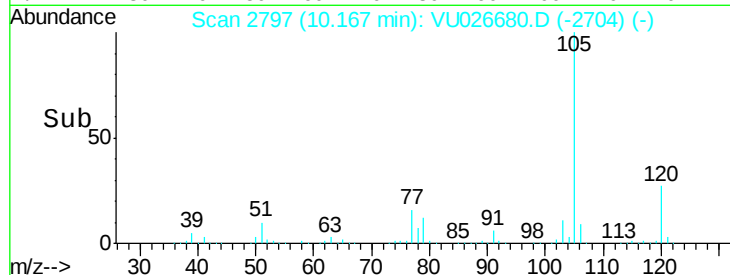
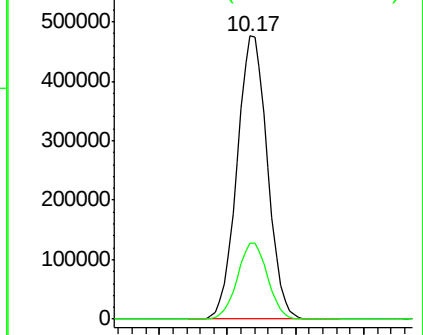
105 100

120 26.7 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: 110.44 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Tgt Ion: 43 Resp: 369847

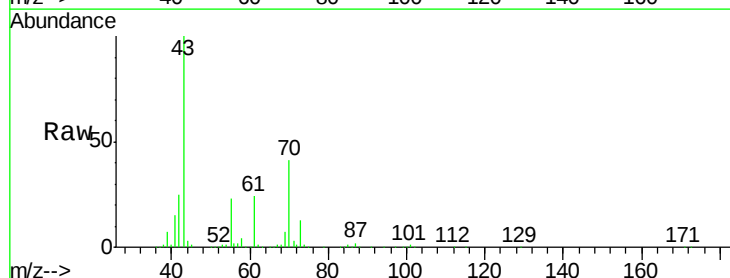
Ion Ratio Lower Upper

43 100

70 41.0 32.6 48.8

55 23.7 19.1 28.7

61 23.9 19.4 29.0

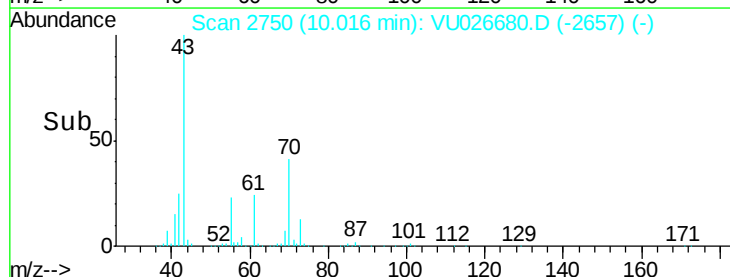
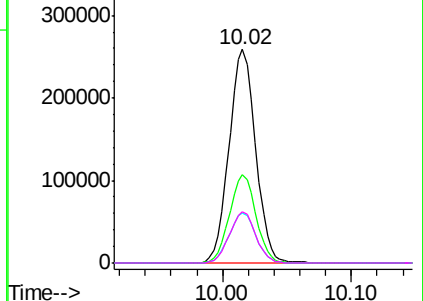


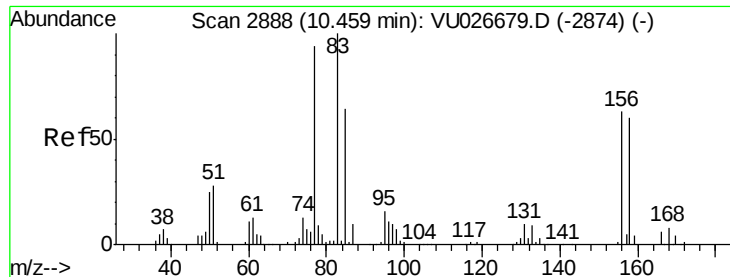
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 95.32 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

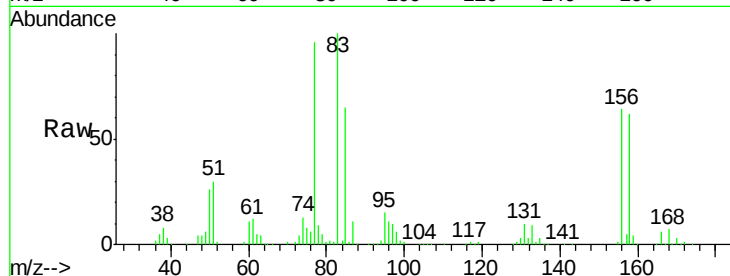
Tot Ion: 83 Resp: 275548

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

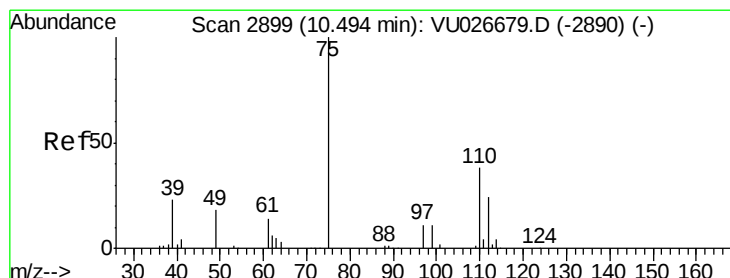
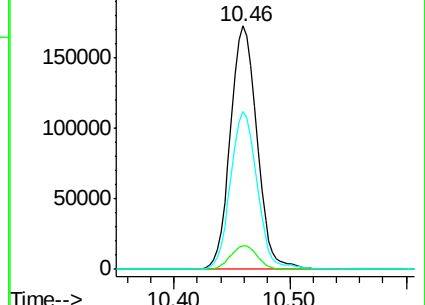
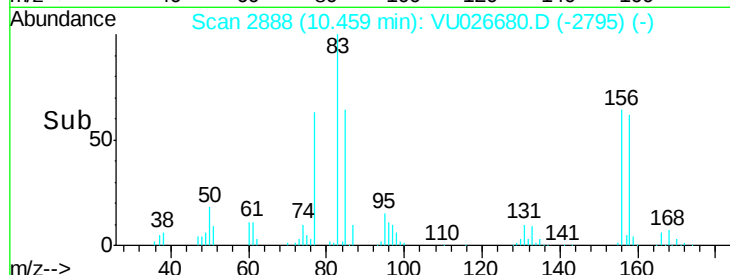
85 64.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU026680.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU026680.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU026680.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 122.92 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VU026680.D

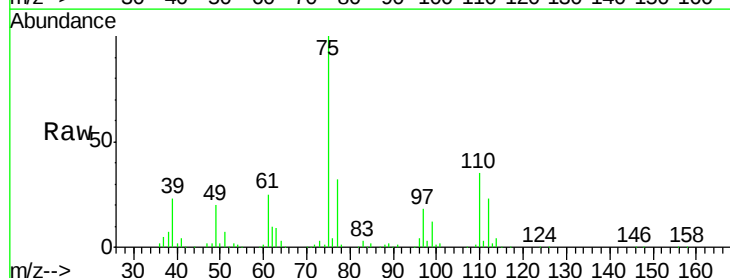
Acq: 11 Sep 2018 12:07

Tgt Ion: 75 Resp: 325452

Ion Ratio Lower Upper

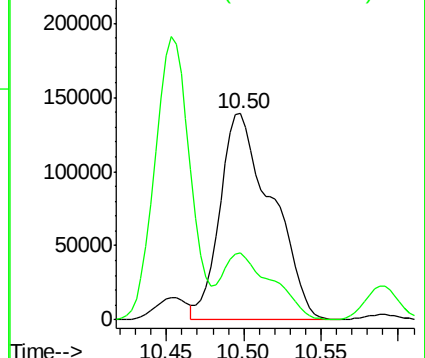
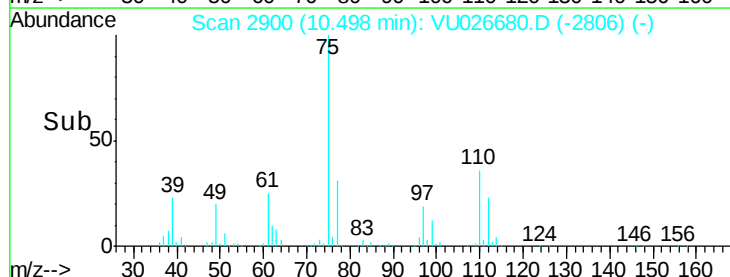
75 100

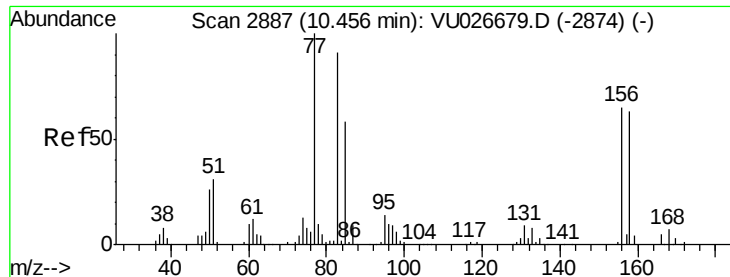
77 30.2 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU026680.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU026680.D (-2806) (-)





#77

Bromobenzene

Concen: 99.70 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampled :

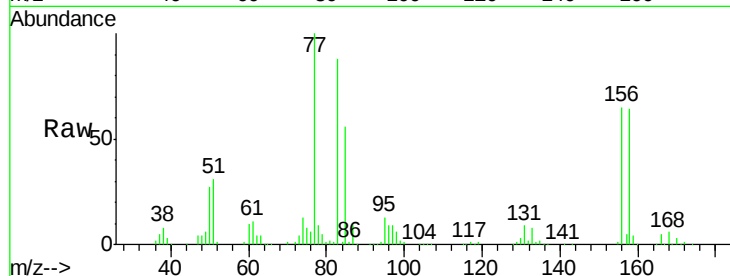
Tot Ion:156 Resp: 192205

Ion Ratio Lower Upper

156 100

77 157.3 77.6 232.9

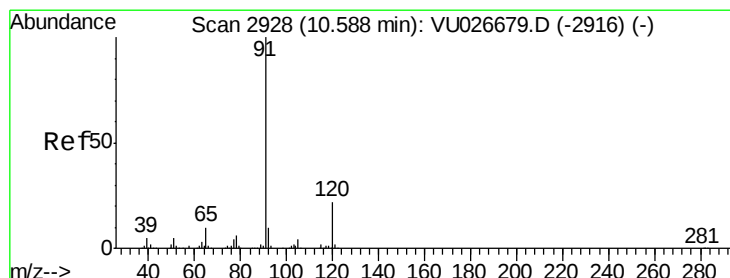
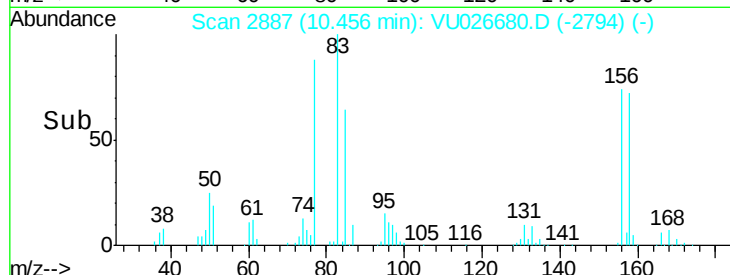
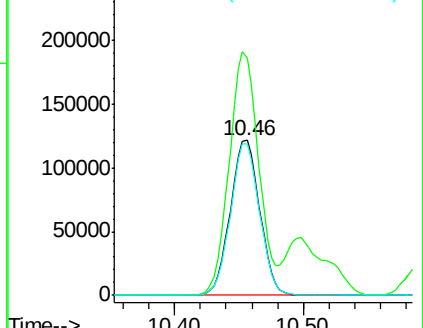
158 97.0 48.9 146.6



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: 107.91 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU026680.D

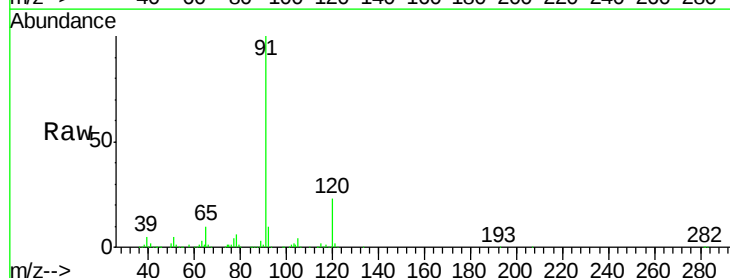
Acq: 11 Sep 2018 12:07

Tgt Ion: 91 Resp: 890240

Ion Ratio Lower Upper

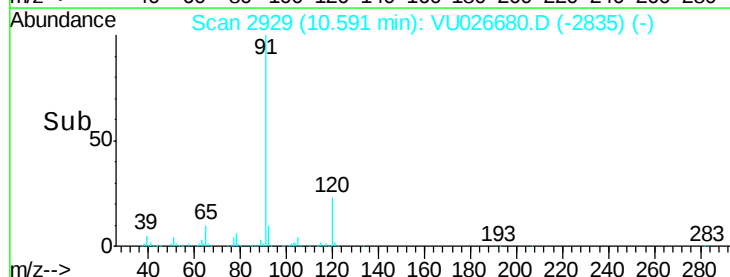
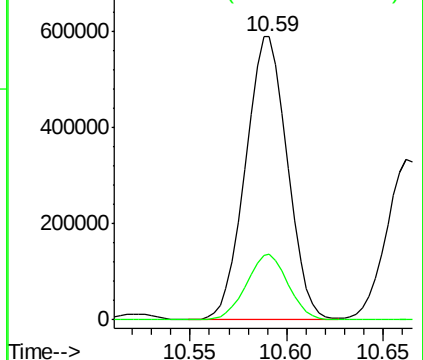
91 100

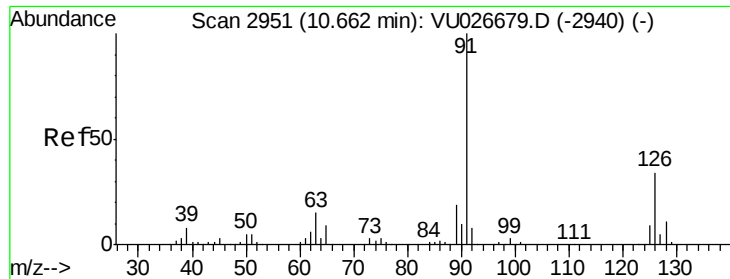
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

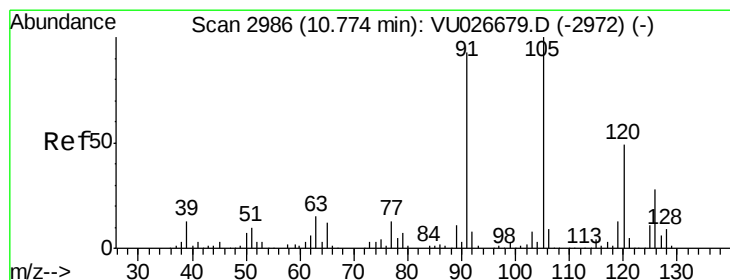
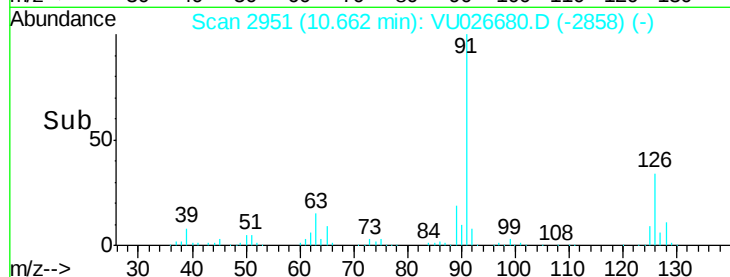
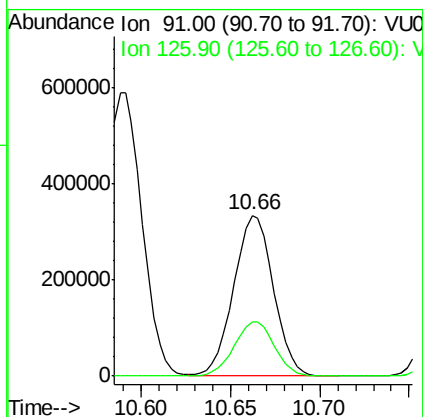
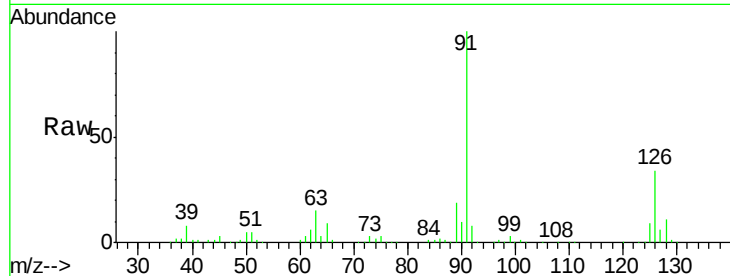




#79
 2-Chlorotoluene
 Concen: 101.53 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

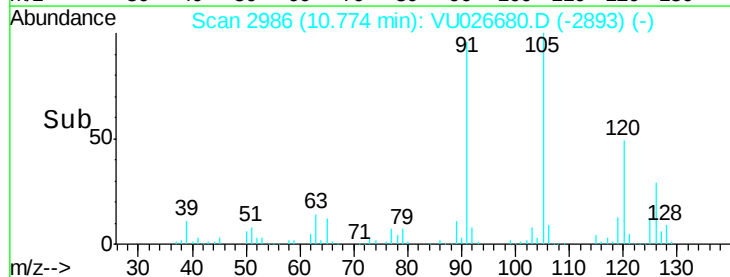
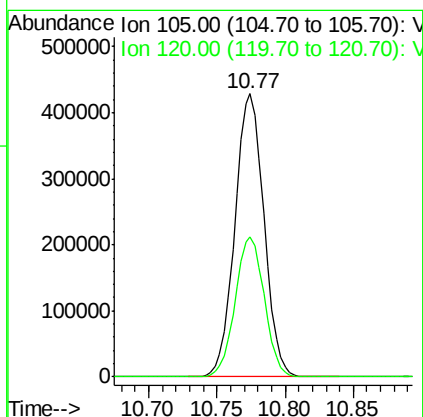
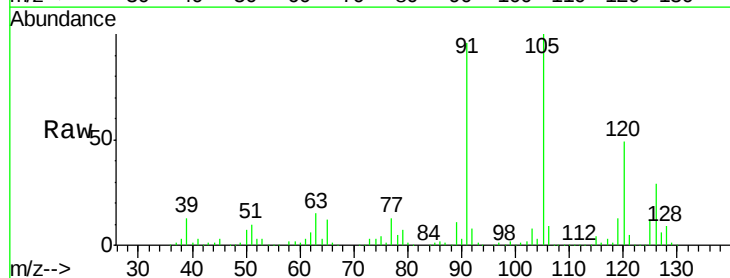
Instrument :
 MSVOA_U
 ClientSampled :

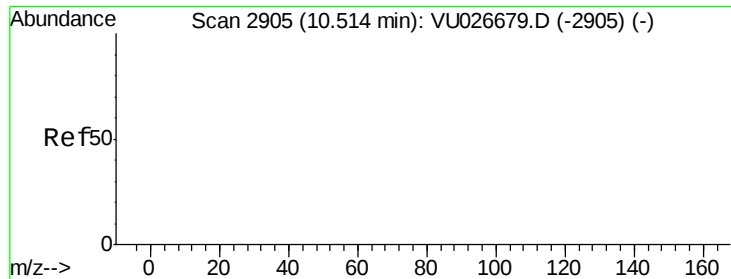
Tot Ion: 91 Resp: 519249
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 106.16 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion: 105 Resp: 632938
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0

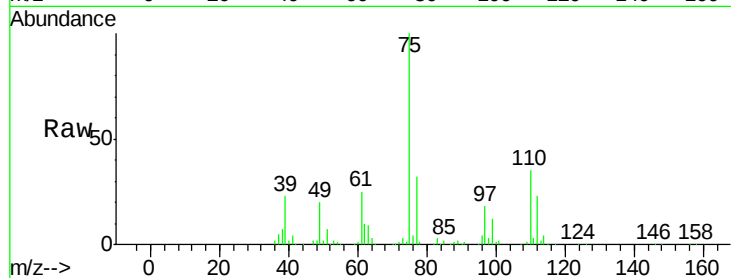




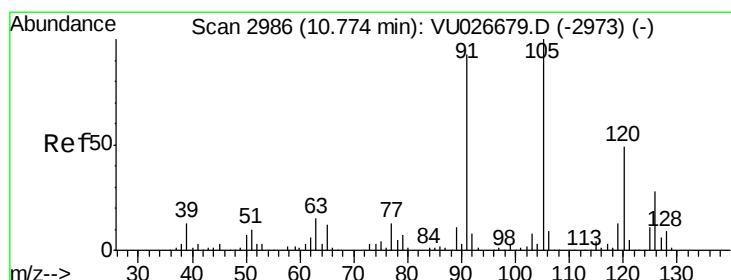
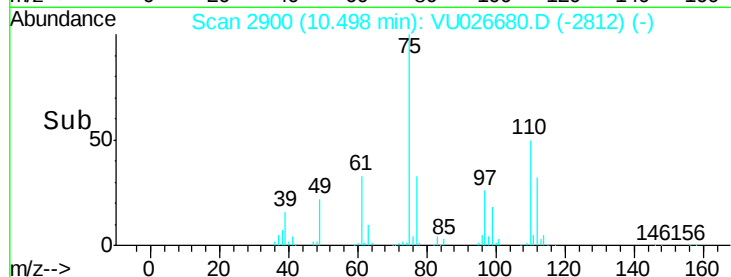
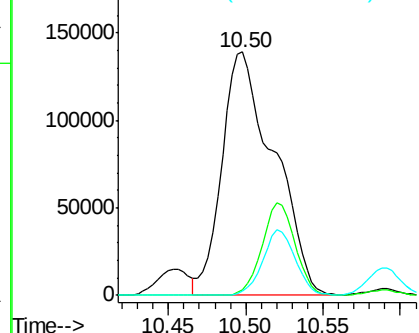
#81
trans-1,4-Dichloro-2-butene
Concen: 274.78 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 325452
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

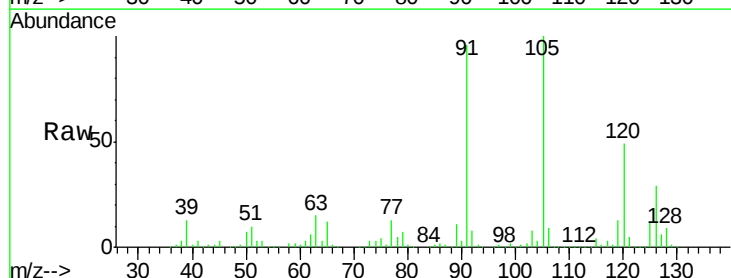


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

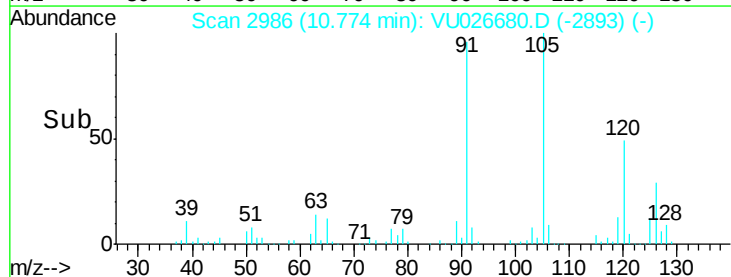
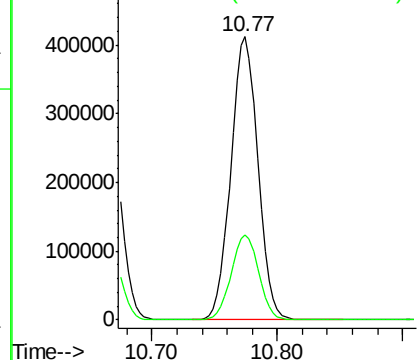


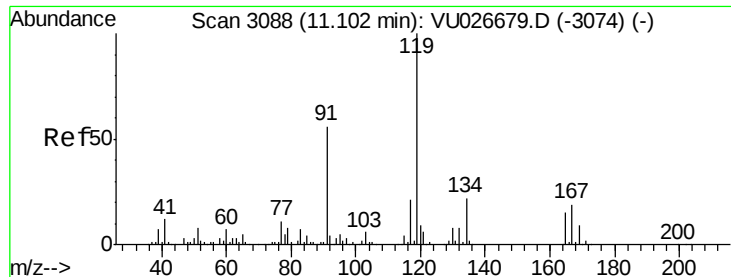
#82
4-Chlorotoluene
Concen: 106.85 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 91 Resp: 613936
Ion Ratio Lower Upper
91 100
126 30.5 15.2 45.5



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

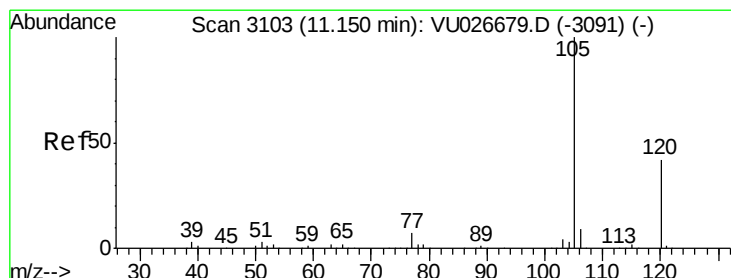
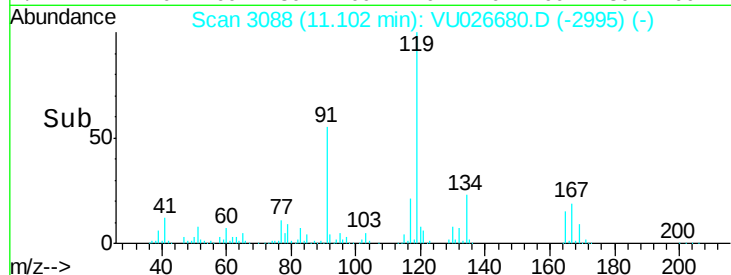
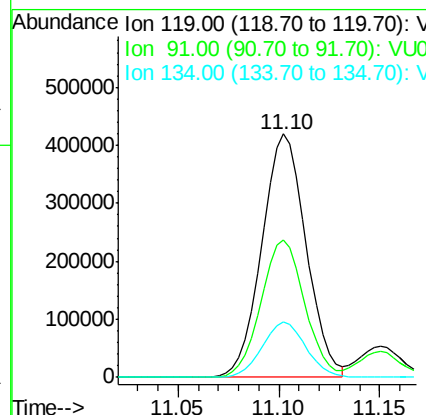
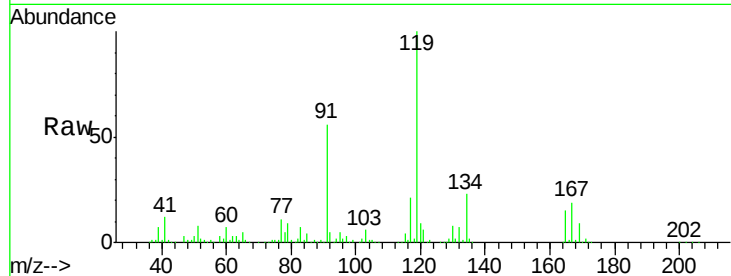




#83
 tert-Butylbenzene
 Concen: 105.67 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

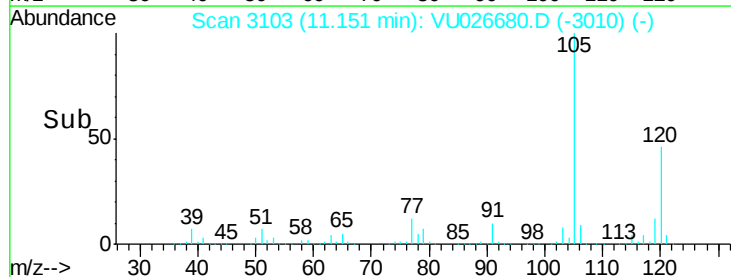
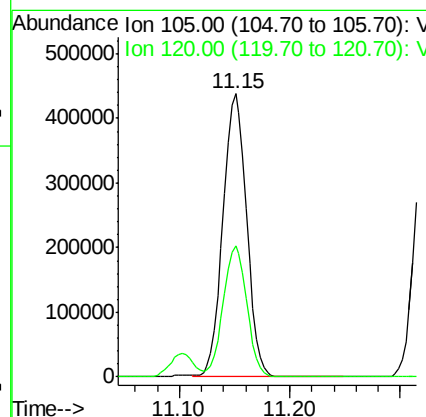
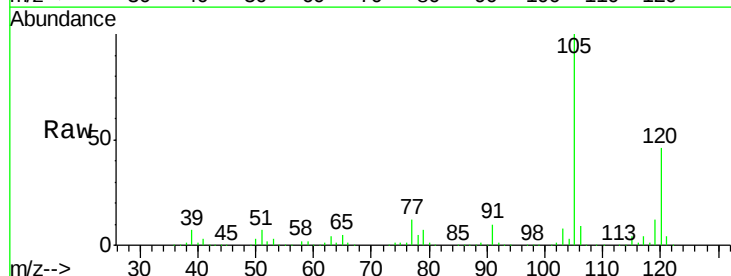
Instrument :
 MSVOA_U
 ClientSampled :

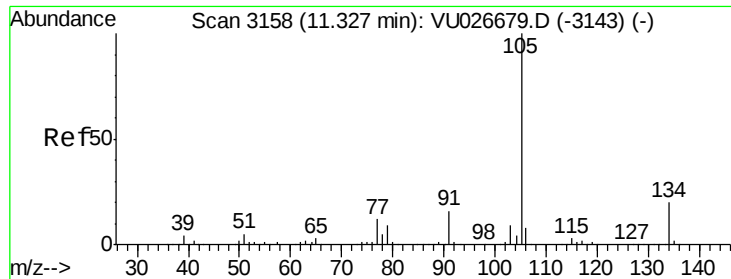
Tot Ion:119 Resp: 639361
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.3 85.0
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 108.47 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion:105 Resp: 652279
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 109.32 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

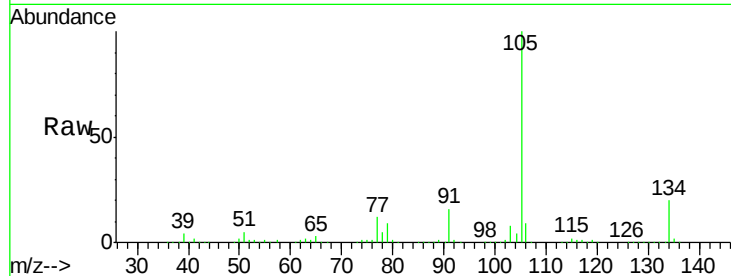
ClientSampleId :

Tot Ion:105 Resp: 785489

Ion Ratio Lower Upper

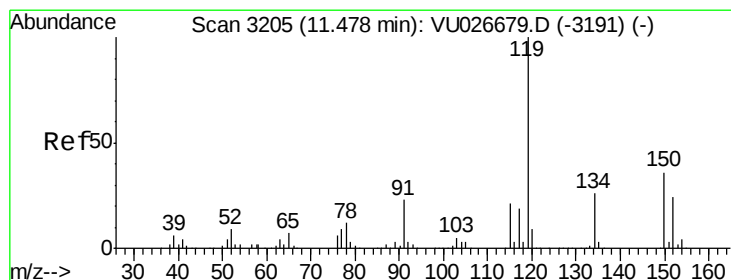
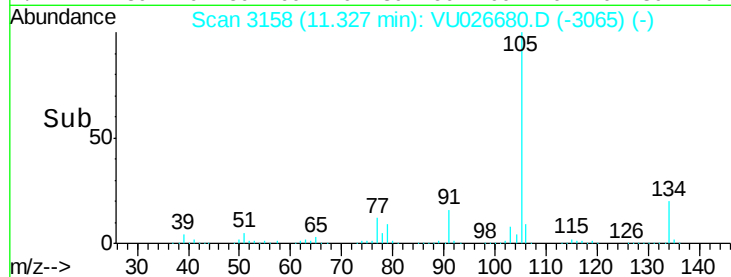
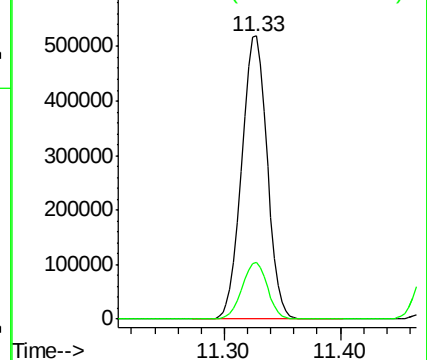
105 100

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: 111.55 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

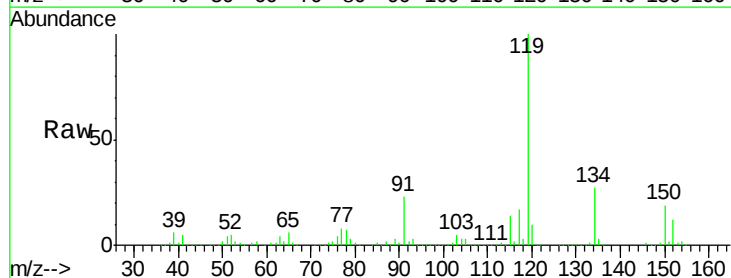
Tgt Ion:119 Resp: 698934

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

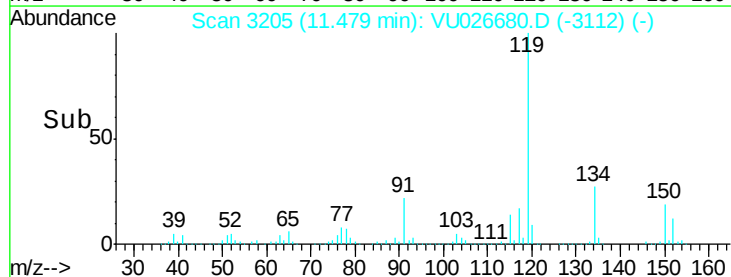
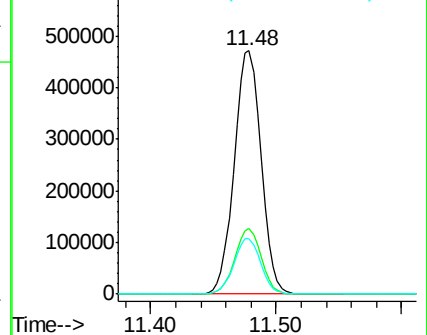
91 22.8 11.6 34.8

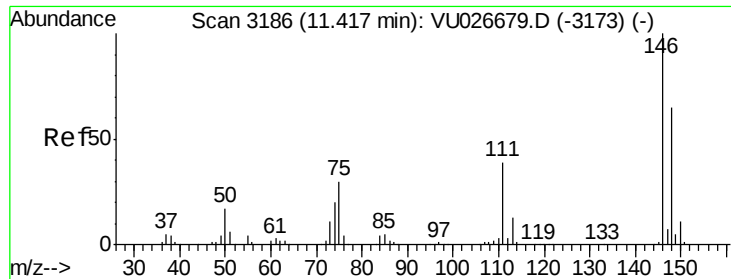


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

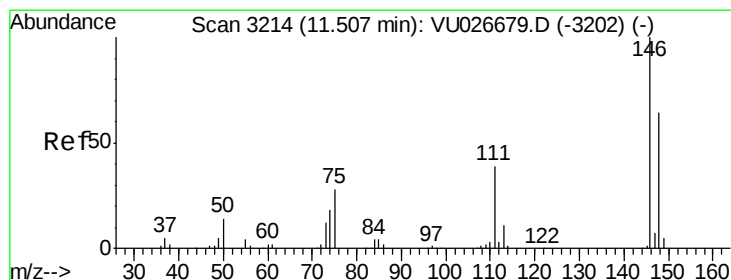
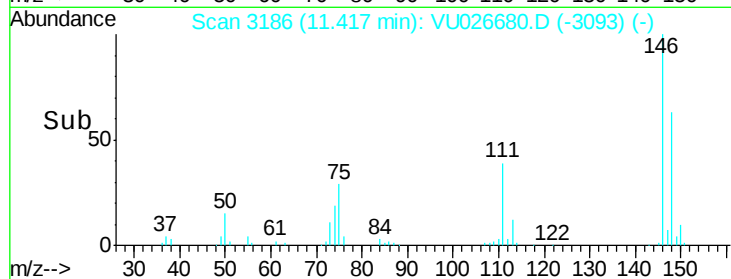
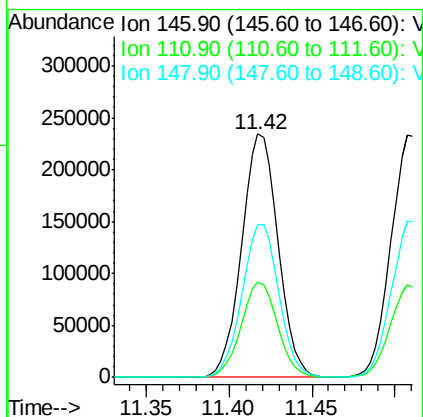
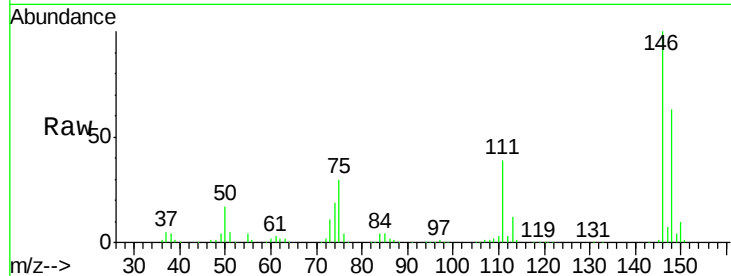




#87
 1,3-Dichlorobenzene
 Concen: 99.75 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

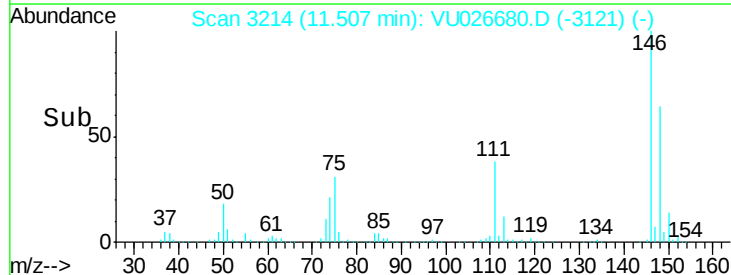
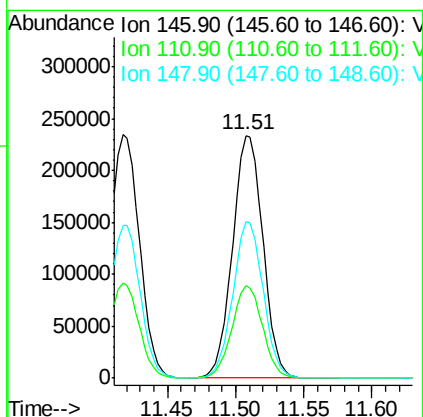
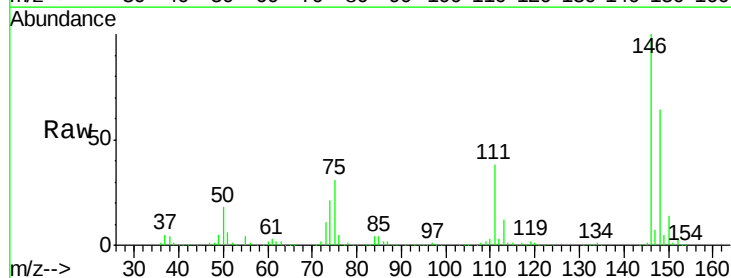
Instrument :
 MSVOA_U
 ClientSampleId :

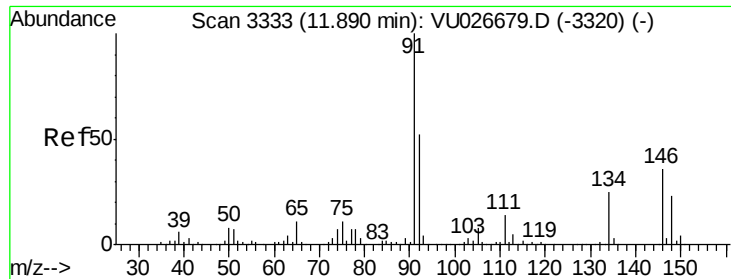
Tot Ion:146 Resp: 358734
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 96.65 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion:146 Resp: 360983
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.4 32.1 96.3

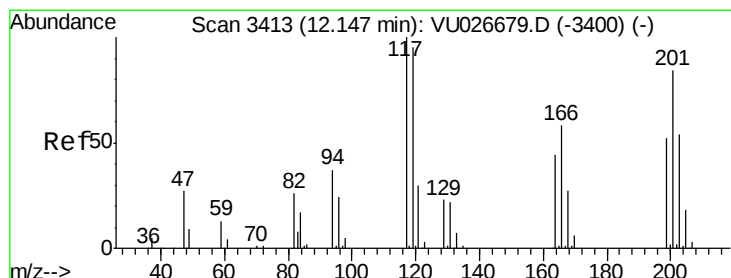
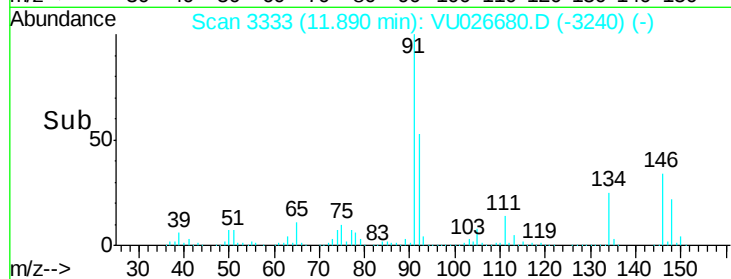
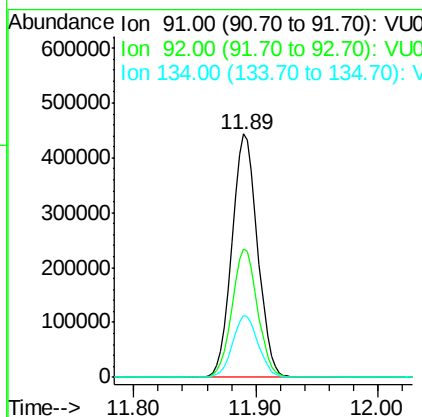
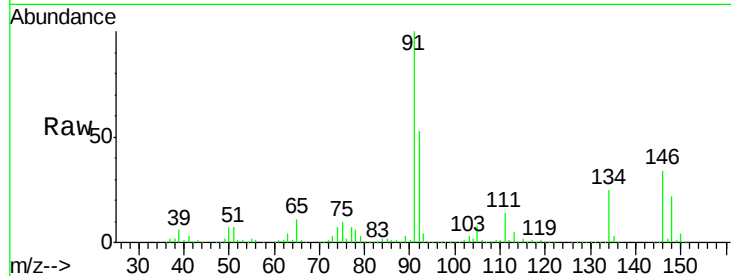




#89
n-Butylbenzene
Concen: 117.88 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

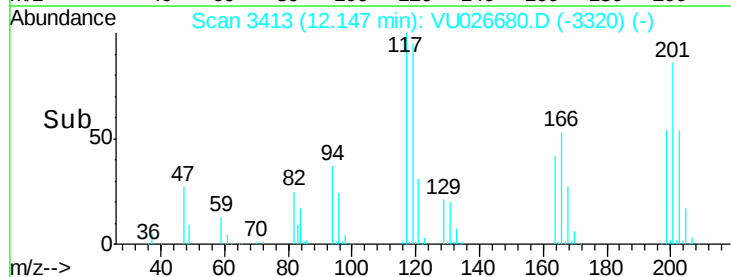
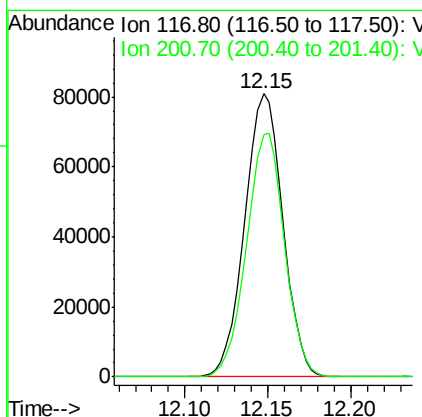
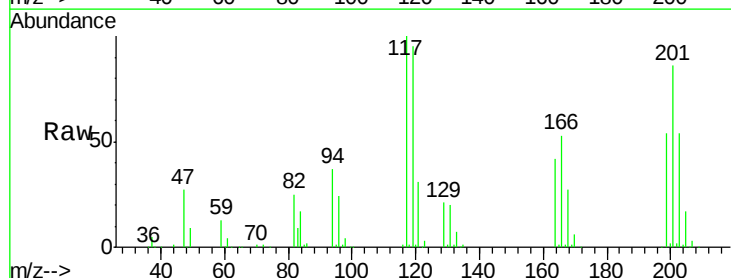
Instrument :
MSVOA_U
ClientSampleId :

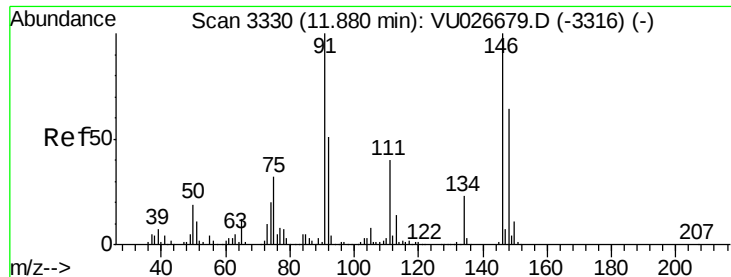
Tot Ion: 91 Resp: 647097
Ion Ratio Lower Upper
91 100
92 52.6 25.8 77.3
134 25.4 12.6 37.8



#90
Hexachloroethane
Concen: 102.23 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026680.D
Acq: 11 Sep 2018 12:07

Tgt Ion: 117 Resp: 129620
Ion Ratio Lower Upper
117 100
201 85.7 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 99.63 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

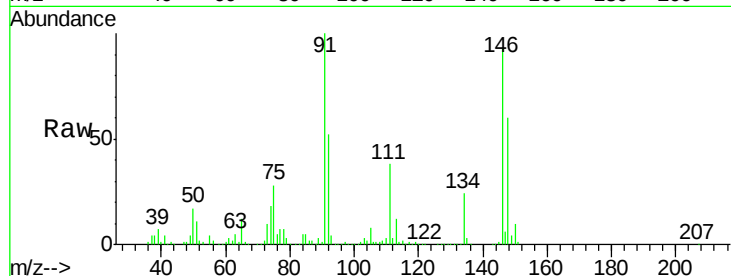
Tot Ion:146 Resp: 360434

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

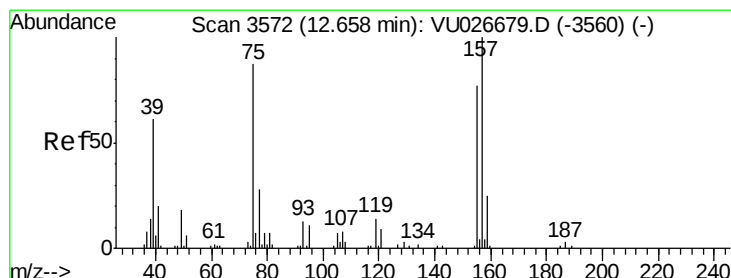
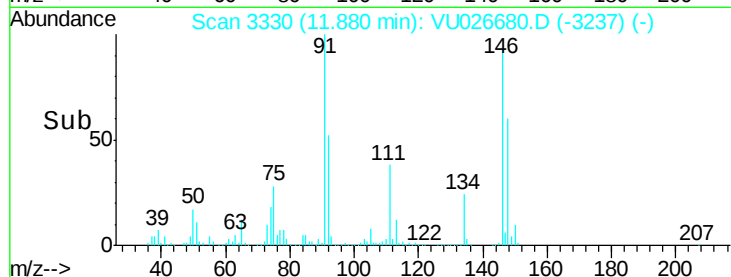
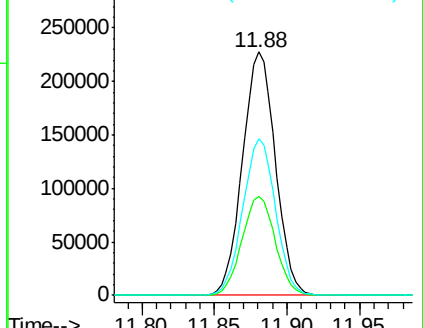
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.99 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

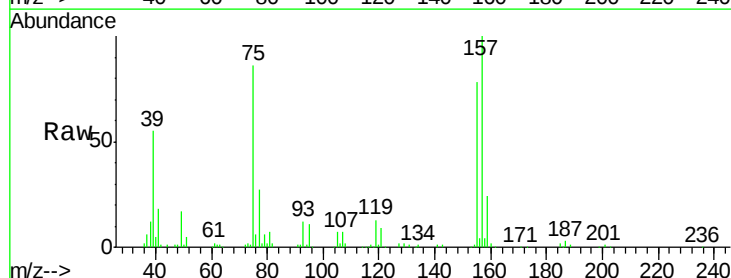
Tgt Ion: 75 Resp: 62009

Ion Ratio Lower Upper

75 100

155 89.4 44.1 132.4

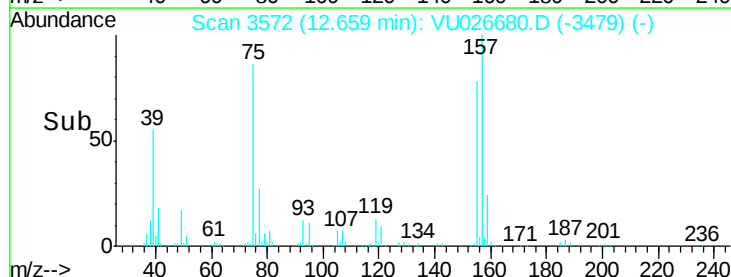
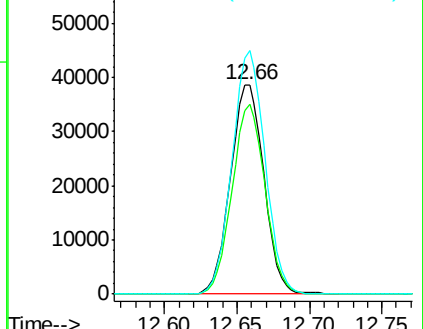
157 114.4 57.2 171.6

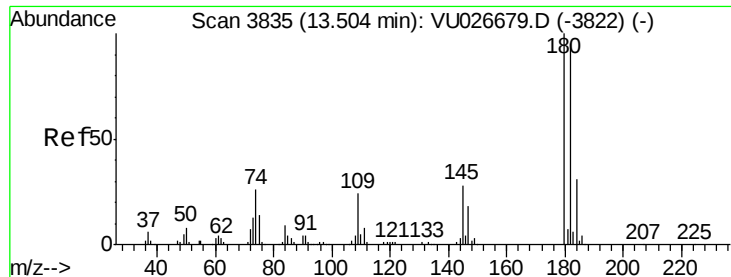


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

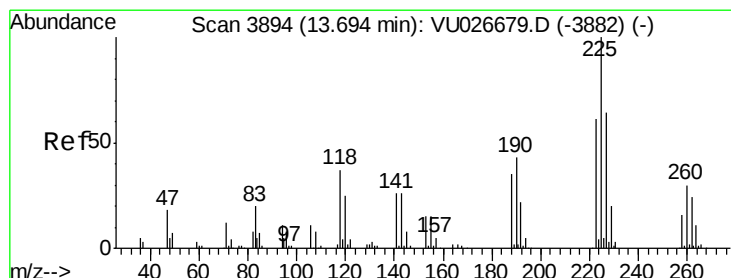
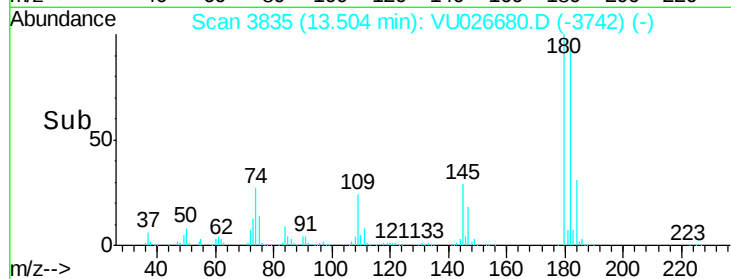
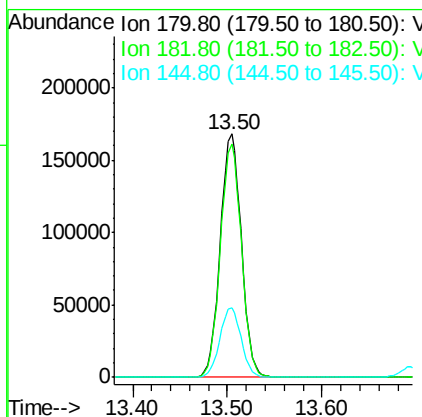
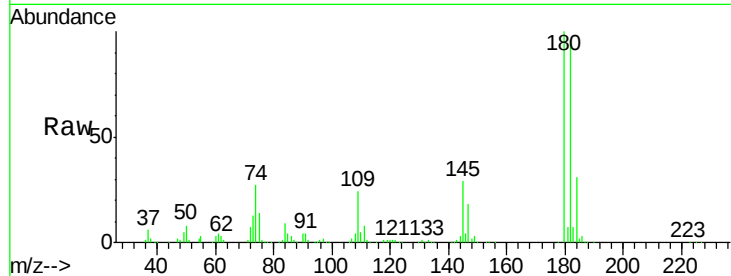




#93
 1,2,4-Trichlorobenzene
 Concen: 108.46 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

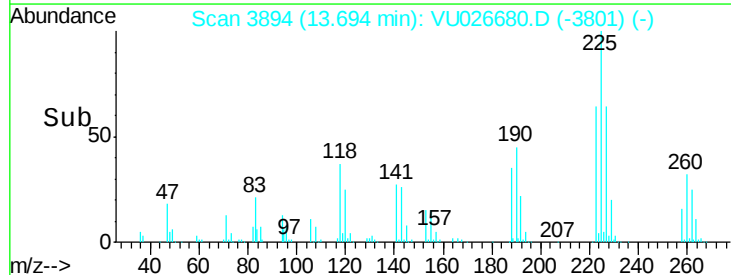
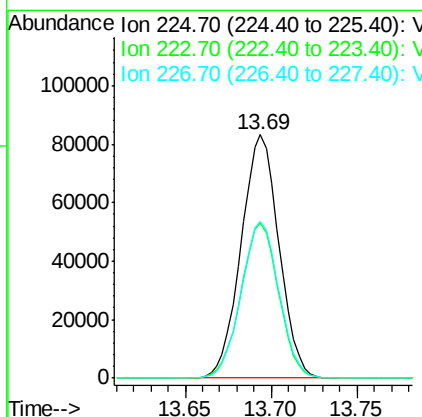
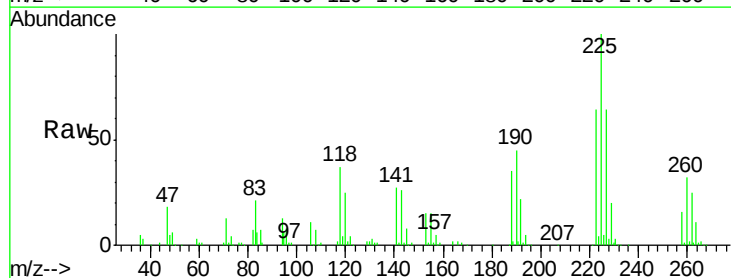
Instrument :
 MSVOA_U
 ClientSampleId :

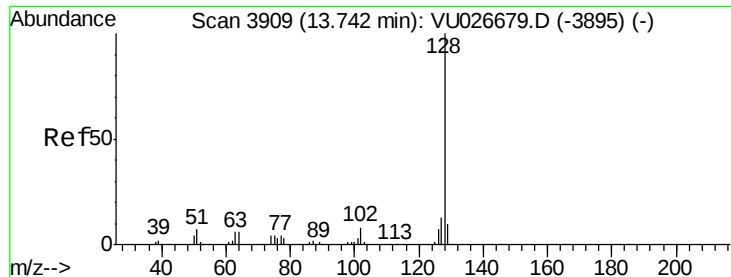
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	28.8	14.0	42.0



#94
 Hexachlorobutadiene
 Concen: 102.53 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026680.D
 Acq: 11 Sep 2018 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.6	92.0
227	64.5	32.1	96.3





#95

Naphthalene

Concen: 113.86 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

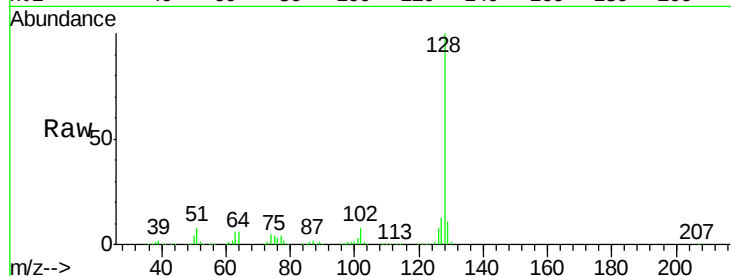
Tot Ion:128 Resp: 828665

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

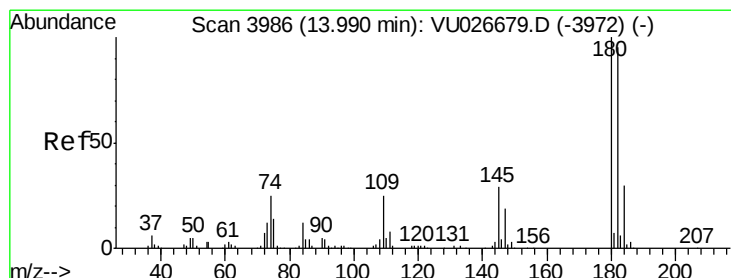
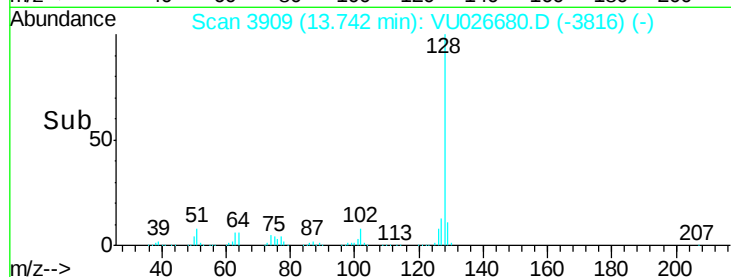
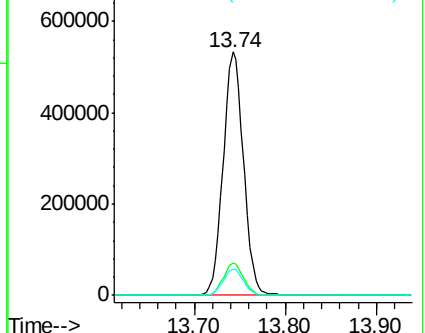
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 105.91 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU026680.D

Acq: 11 Sep 2018 12:07

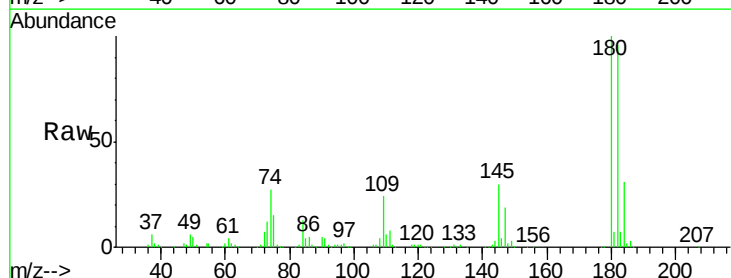
Tgt Ion:180 Resp: 265730

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 30.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

