

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027284.D
 Acq On : 28 Sep 2018 20:31
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 00:09:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	102162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	169188	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87341	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	
35) Dibromofluoromethane	4.88	113	67198	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
50) Toluene-d8	7.57	98	245954	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
62) 4-Bromofluorobenzene	10.31	95	93071	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	63204	47.384	ug/l	98
3) Chloromethane	1.33	50	89430	38.887	ug/l	100
4) Vinyl Chloride	1.40	62	96811	45.098	ug/l	99
5) Bromomethane	1.61	94	63350	51.822	ug/l	97
6) Chloroethane	1.69	64	59724	43.543	ug/l	98
7) Trichlorofluoromethane	1.88	101	106121	43.526	ug/l	99
8) Diethyl Ether	2.10	74	54206	46.190	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	62902	41.959	ug/l	97
10) Methyl Iodide	2.41	142	30018	16.145	ug/l	97
11) Tert butyl alcohol	2.83	59	106940	226.909	ug/l	98
12) 1,1-Dichloroethene	2.28	96	61856	43.838	ug/l	96
13) Acrolein	2.20	56	56653	222.993	ug/l	99
14) Allyl chloride	2.59	41	142873	49.923	ug/l	97
15) Acrylonitrile	2.94	53	283574	238.732	ug/l	100
16) Acetone	2.32	43	246824	224.276	ug/l	100
17) Carbon Disulfide	2.48	76	212114	46.146	ug/l	99
18) Methyl Acetate	2.62	43	151674	51.826	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	265062	51.120	ug/l	100
20) Methylene Chloride	2.70	84	83102	45.128	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	72925	48.407	ug/l	97
22) Diisopropyl ether	3.57	45	309210	50.514	ug/l	98
23) Vinyl Acetate	3.52	43	1324791	253.893	ug/l	100
24) 1,1-Dichloroethane	3.45	63	159533	47.320	ug/l	99
25) 2-Butanone	4.26	43	399759	231.344	ug/l	99
26) 2,2-Dichloropropane	4.23	77	120393	45.790	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	85618	50.325	ug/l	98
28) Bromochloromethane	4.55	49	74529	45.860	ug/l	100
29) Tetrahydrofuran	4.64	42	261412	250.079	ug/l	100
30) Chloroform	4.67	83	143356	45.809	ug/l	98
31) Cyclohexane	5.00	56	148879	48.563	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	119807	47.950	ug/l	98
36) 1,1-Dichloropropene	5.14	75	110020	48.724	ug/l	99
37) Ethyl Acetate	4.38	43	143439	46.925	ug/l	98
38) Carbon Tetrachloride	5.13	117	102177	47.551	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	132395	53.955	ug/l	98
40) Benzene	5.39	78	332632	48.458	ug/l	100
41) Methacrylonitrile	4.54	41	84881	53.468	ug/l	98
42) 1,2-Dichloroethane	5.40	62	121616	46.894	ug/l	100
43) Isopropyl Acetate	5.55	43	230622	51.734	ug/l	99
44) Trichloroethene	6.19	130	74826	51.204	ug/l	96
45) 1,2-Dichloropropane	6.43	63	94300	48.214	ug/l	99
46) Dibromomethane	6.56	93	56625	47.937	ug/l	97
47) Bromodichloromethane	6.76	83	114091	47.766	ug/l	99
48) Methyl methacrylate	6.62	41	117647	48.518	ug/l	96
49) 1,4-Dioxane	6.61	88	39469	818.781	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	768819	256.427	ug/l	99
52) Toluene	7.64	92	205774	52.298	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	134838	52.542	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	144902	51.353	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	81277	48.751	ug/l	98
56) Ethyl methacrylate	8.02	69	141505	48.965	ug/l	98
57) 1,3-Dichloropropane	8.24	76	154844	49.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	360267	220.042	ug/l	100
59) 2-Hexanone	8.36	43	582755	248.305	ug/l	98
60) Dibromochloromethane	8.48	129	82027	50.159	ug/l	99
61) 1,2-Dibromoethane	8.59	107	86266	49.731	ug/l	99
64) Tetrachloroethene	8.23	164	64218	51.252	ug/l	97
65) Chlorobenzene	9.12	112	212409	49.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	74635	50.259	ug/l	98
67) Ethyl Benzene	9.25	91	386683	54.541	ug/l	99
68) m/p-Xylenes	9.38	106	291157	101.384	ug/l	98
69) o-Xylene	9.78	106	139729	55.625	ug/l	99
70) Styrene	9.79	104	230079	49.089	ug/l	99
71) Bromoform	9.96	173	60519	52.700	ug/l #	97
73) Isopropylbenzene	10.17	105	373567	55.412	ug/l	100
74) N-amyl acetate	10.01	43	206598	52.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	139647	45.053	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	163681	60.794	ug/l	84
77) Bromobenzene	10.45	156	85661	51.997	ug/l	100
78) n-propylbenzene	10.59	91	447827	56.141	ug/l	100
79) 2-Chlorotoluene	10.66	91	261231	52.137	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	306553	55.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	163681	194.550	ug/l #	100
82) 4-Chlorotoluene	10.77	91	299533	53.315	ug/l	100
83) tert-Butylbenzene	11.10	119	300030	54.532	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	317106	55.991	ug/l	99
85) sec-Butylbenzene	11.32	105	378168	56.307	ug/l	100
86) p-Isopropyltoluene	11.48	119	321758	51.037	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	157570	51.398	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	161419	48.311	ug/l	98
89) n-Butylbenzene	11.89	91	296414	48.591	ug/l	99
90) Hexachloroethane	12.15	117	55919	45.786	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	159124	48.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	31074	49.142	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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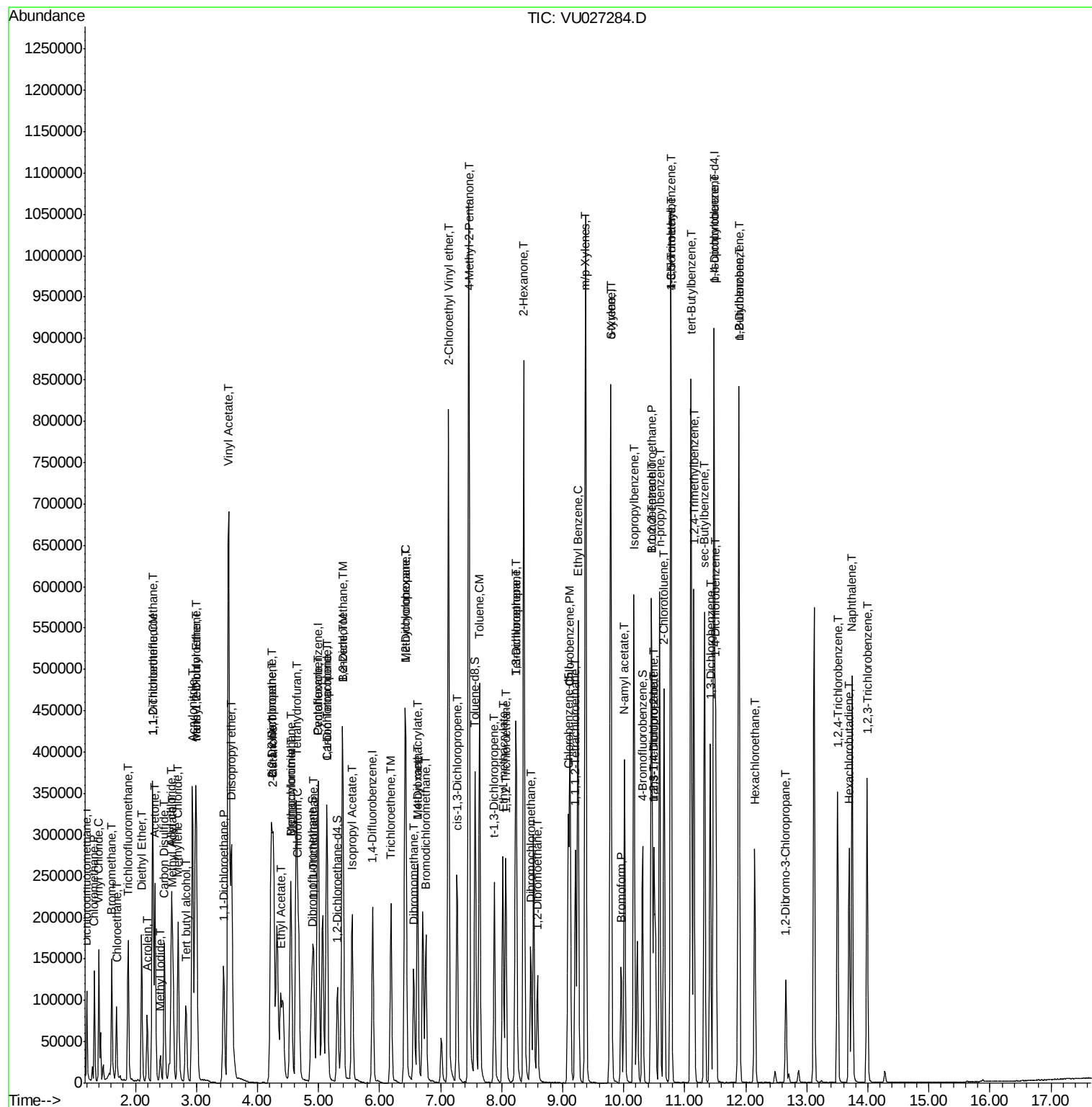
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	108114	57.611	ug/l	99
94) Hexachlorobutadiene	13.69	225	51522	51.888	ug/l	99
95) Naphthalene	13.74	128	367578	50.094	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	110263	54.790	ug/l	99

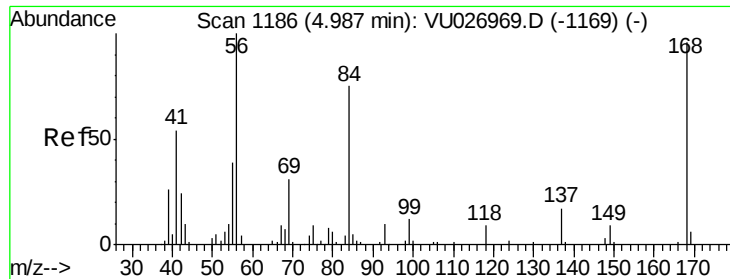
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

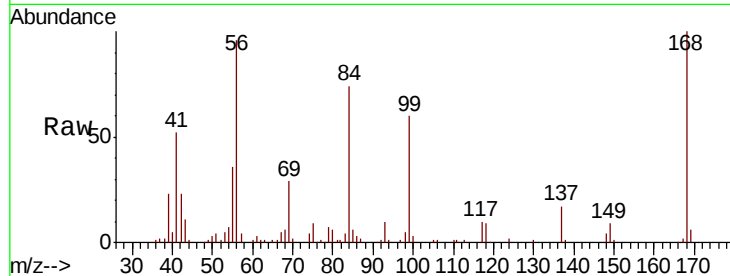
VSTDCCC050

Tgt Ion:168 Resp: 102162

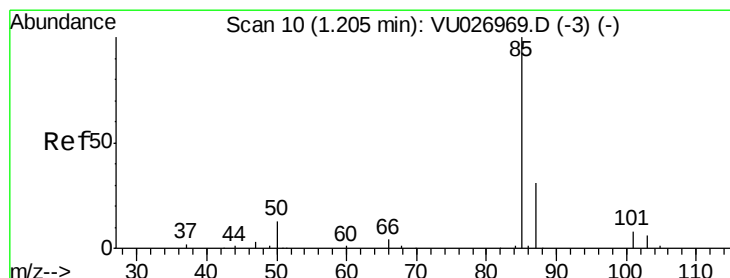
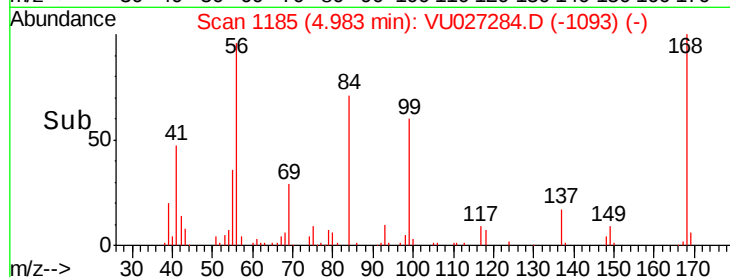
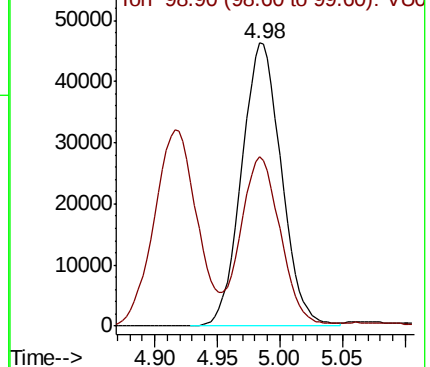
Ion Ratio Lower Upper

168 100

99 58.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 47.384 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027284.D

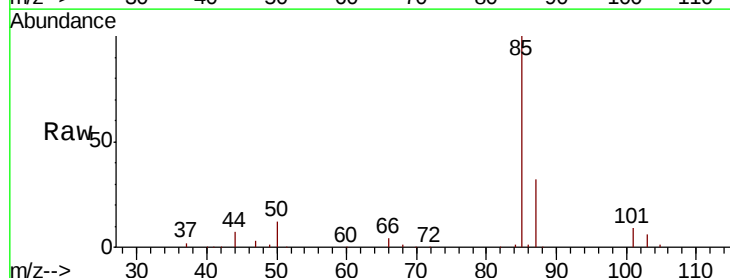
Acq: 28 Sep 2018 20:31

Tgt Ion: 85 Resp: 63204

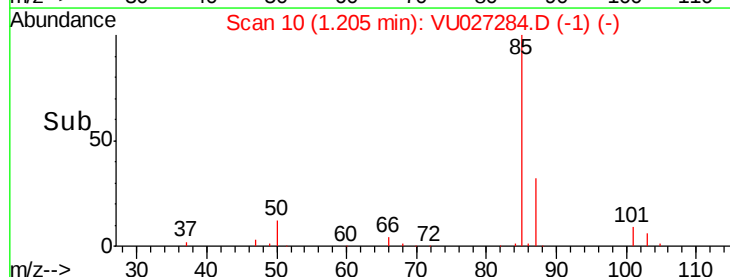
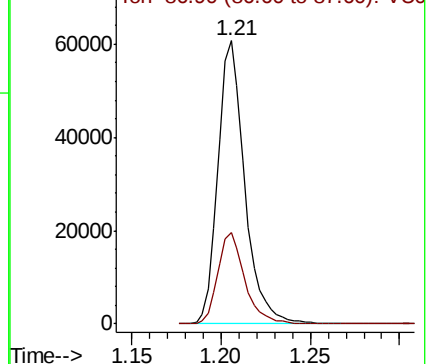
Ion Ratio Lower Upper

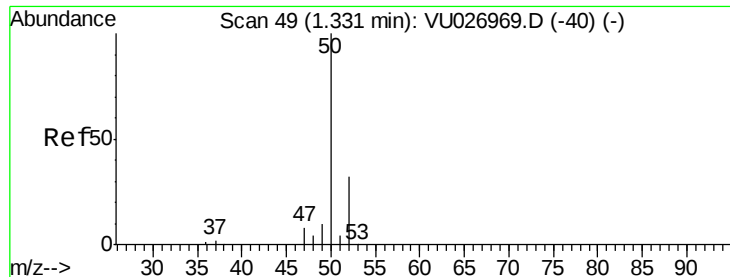
85 100

87 32.2 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 38.887 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

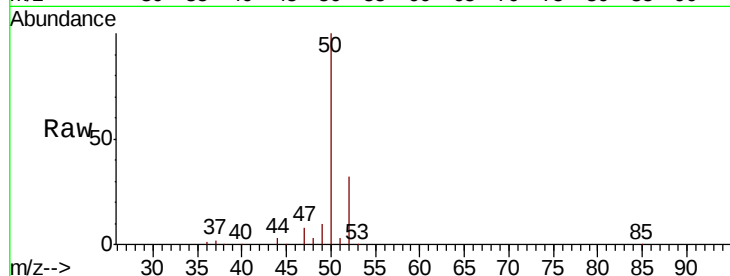
VSTDCCC050

Tgt Ion: 50 Resp: 89430

Ion Ratio Lower Upper

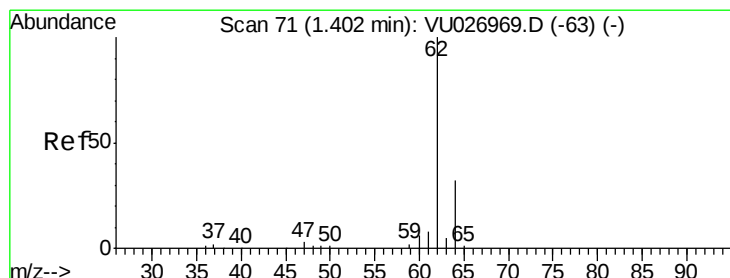
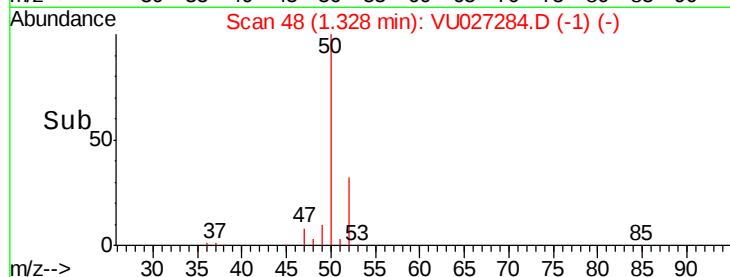
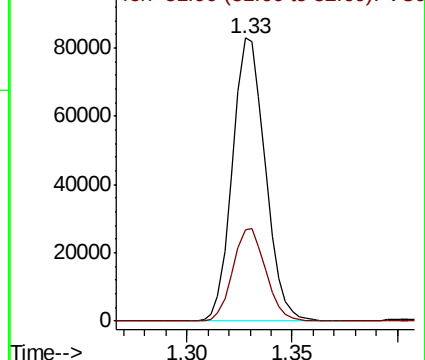
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 45.098 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027284.D

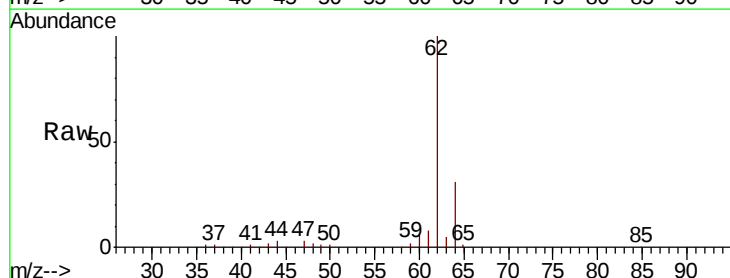
Acq: 28 Sep 2018 20:31

Tgt Ion: 62 Resp: 96811

Ion Ratio Lower Upper

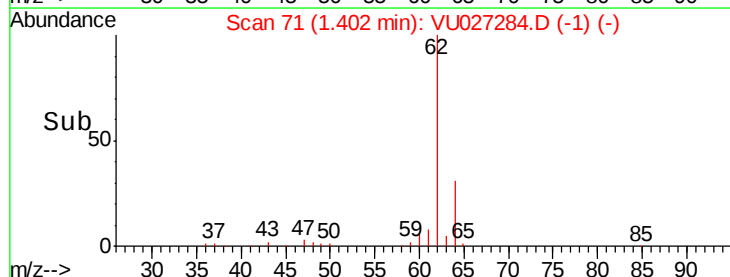
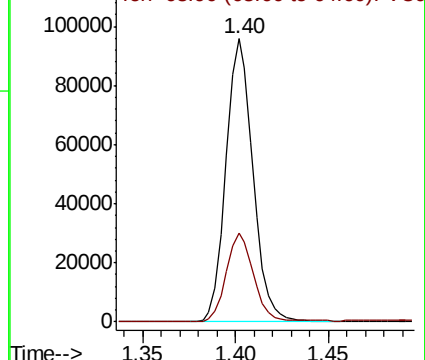
62 100

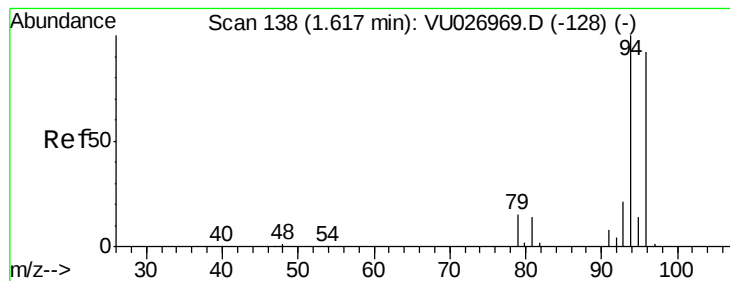
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 51.822 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

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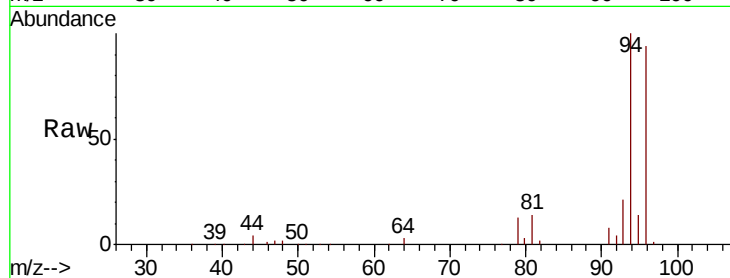
VSTDCCC050

Tgt Ion: 94 Resp: 63350

Ion Ratio Lower Upper

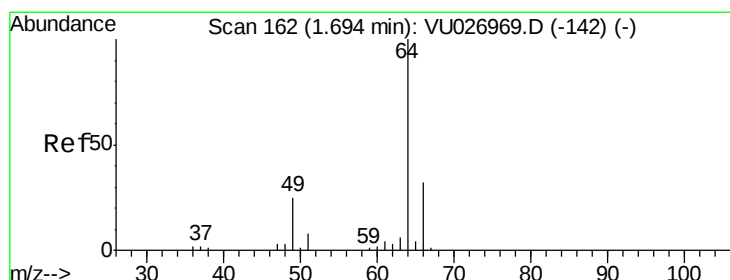
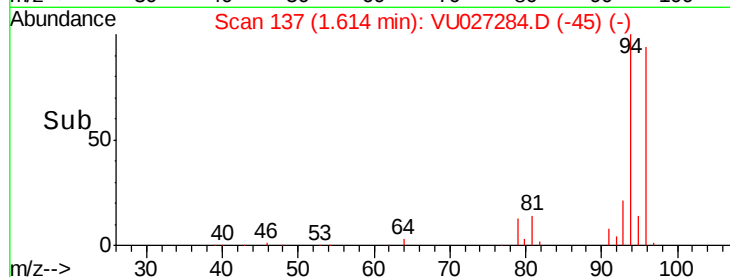
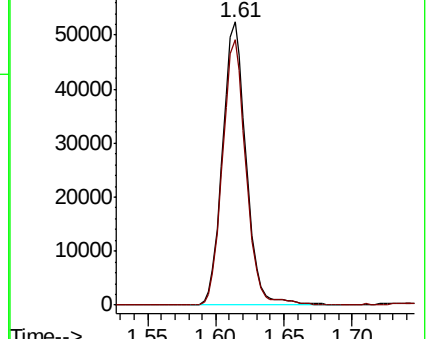
94 100

96 93.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 43.543 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027284.D

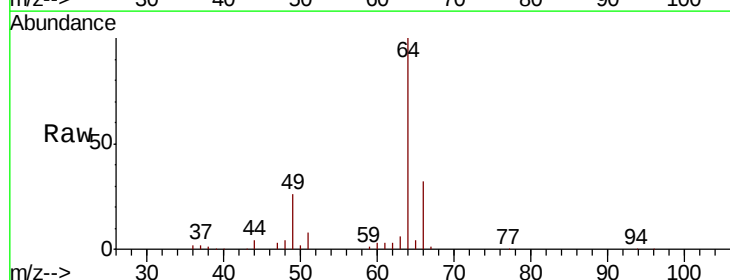
Acq: 28 Sep 2018 20:31

Tgt Ion: 64 Resp: 59724

Ion Ratio Lower Upper

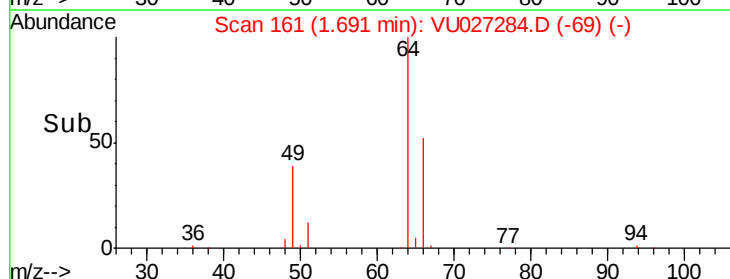
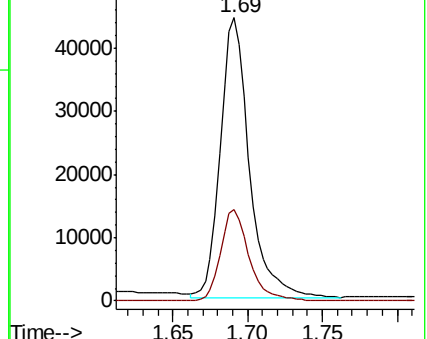
64 100

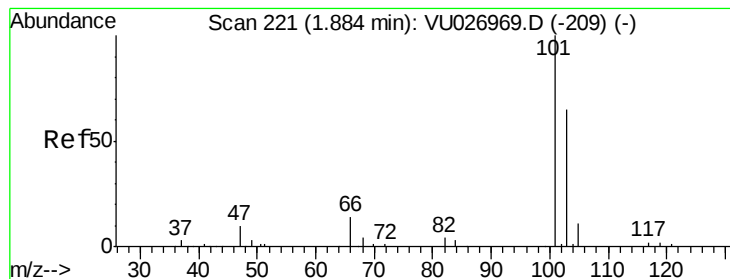
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



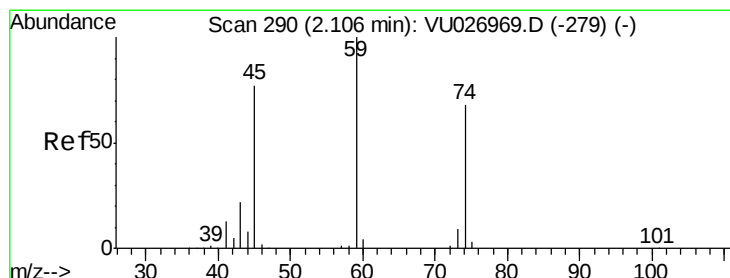
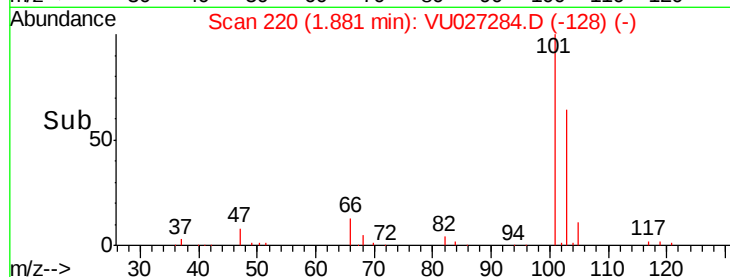
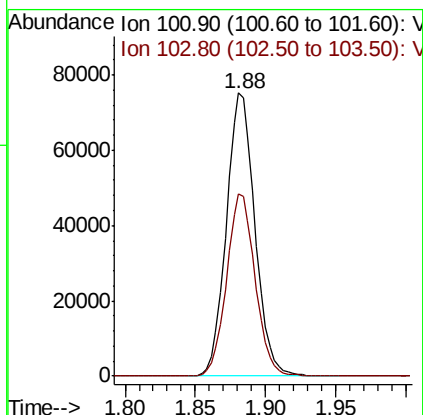
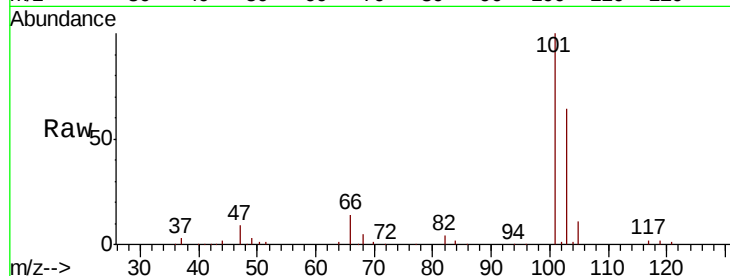


#7

Trichlorofluoromethane
Concen: 43.526 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
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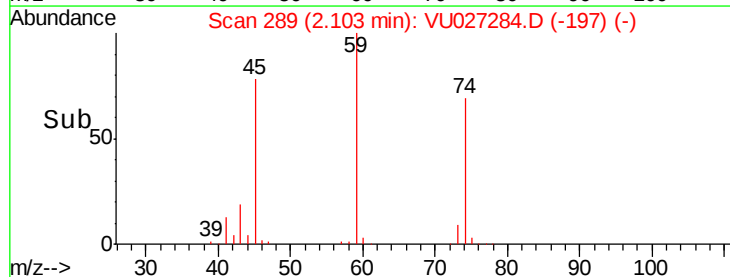
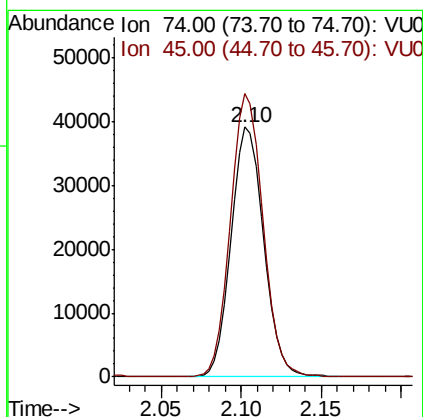
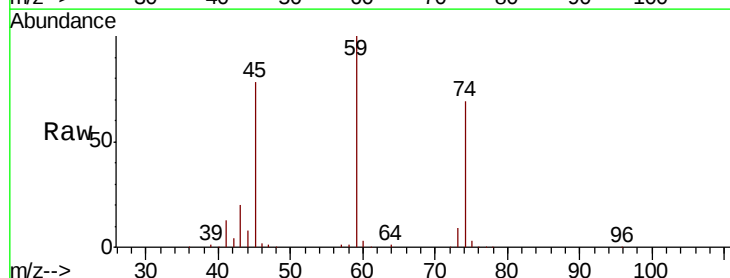
Tgt Ion: 101 Resp: 106121
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

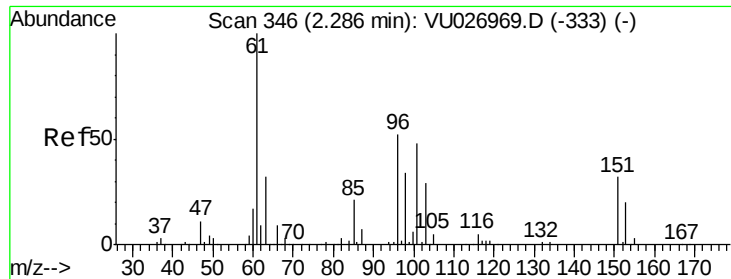


#8

Diethyl Ether
Concen: 46.190 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 74 Resp: 54206
Ion Ratio Lower Upper
74 100
45 113.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.959 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

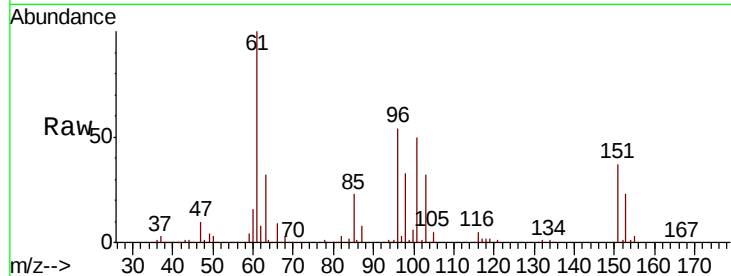
Tgt Ion:101 Resp: 62902

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.2

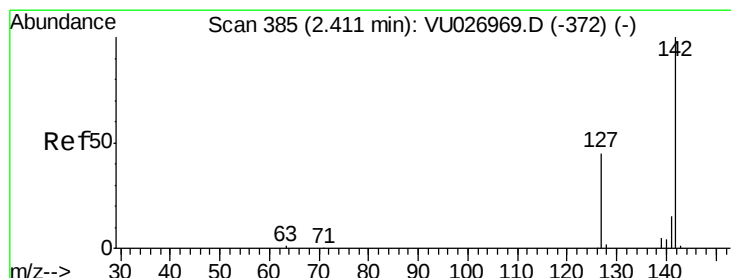
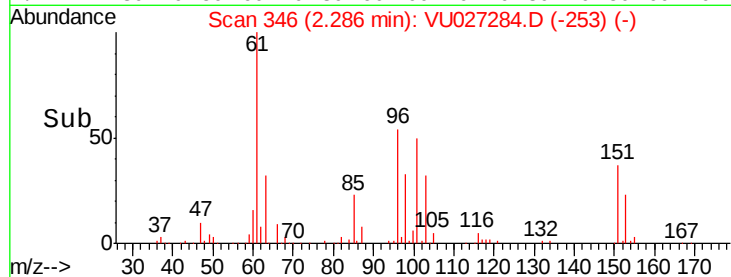
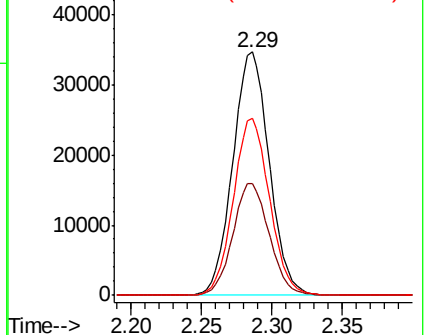
151 72.1 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.145 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

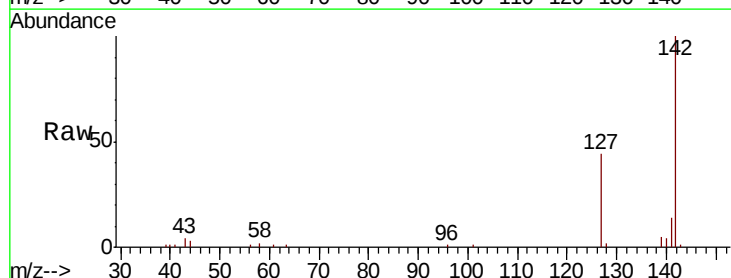
Tgt Ion:142 Resp: 30018

Ion Ratio Lower Upper

142 100

127 43.5 36.7 55.1

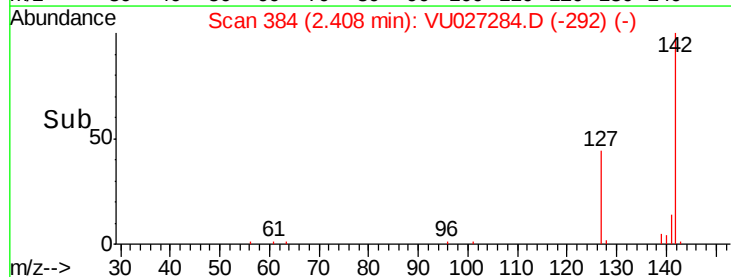
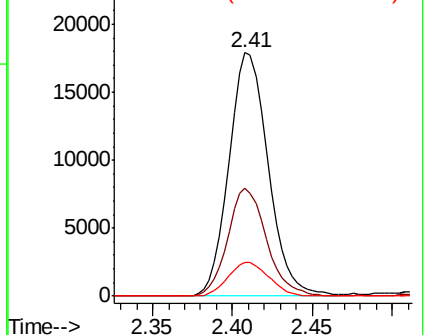
141 14.2 11.8 17.6

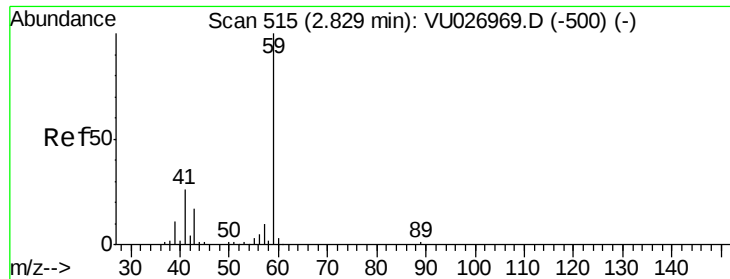


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



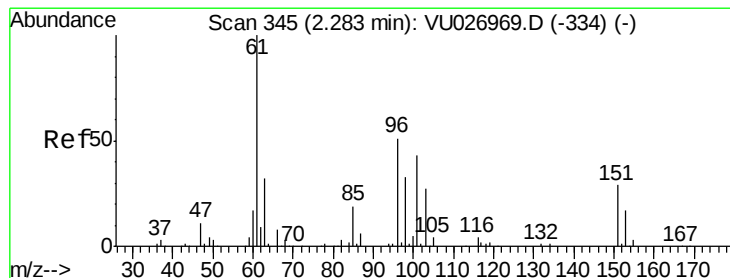
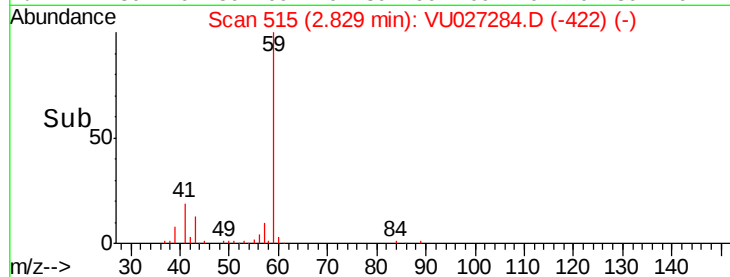
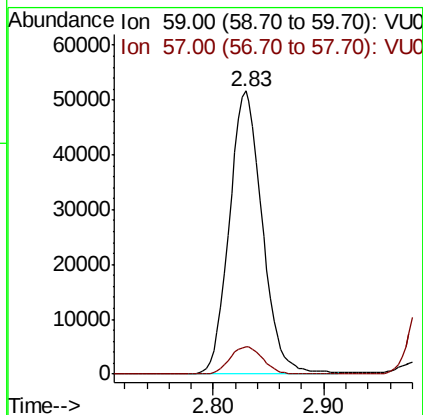
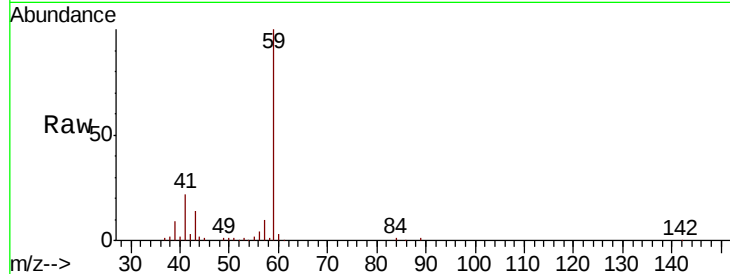


#11

Tert butyl alcohol
 Concen: 226.909 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

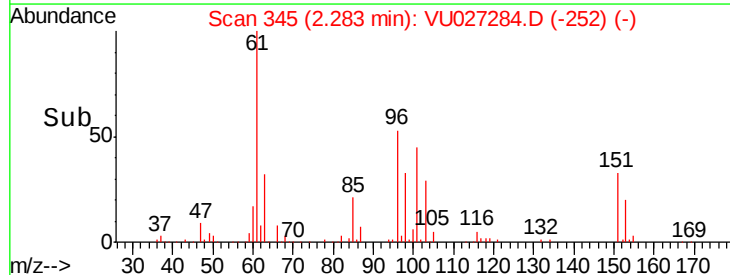
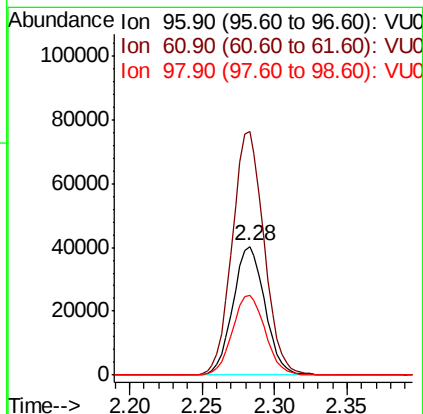
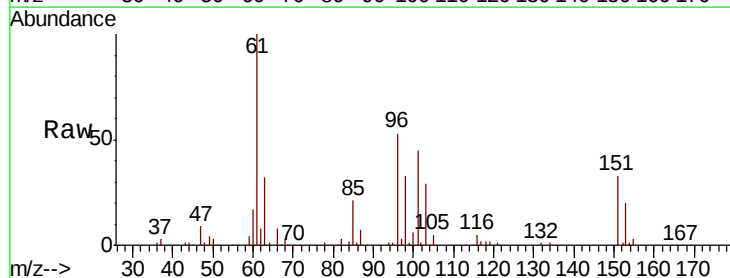
Tgt Ion: 59 Resp: 106940
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

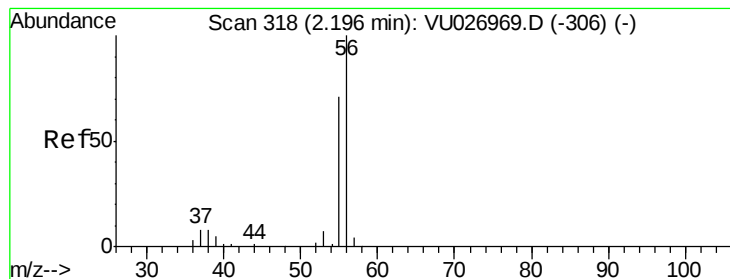


#12

1,1-Dichloroethene
 Concen: 43.838 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 96 Resp: 61856
 Ion Ratio Lower Upper
 96 100
 61 189.2 156.1 234.1
 98 62.0 51.4 77.0





#13

Acrolein

Concen: 222.993 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

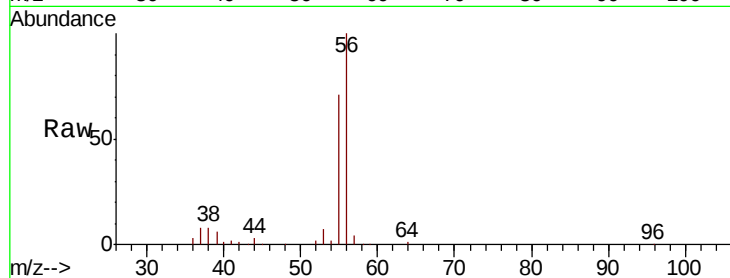
VSTDCCC050

Tgt Ion: 56 Resp: 56653

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-306) (-)

2.20

40000

30000

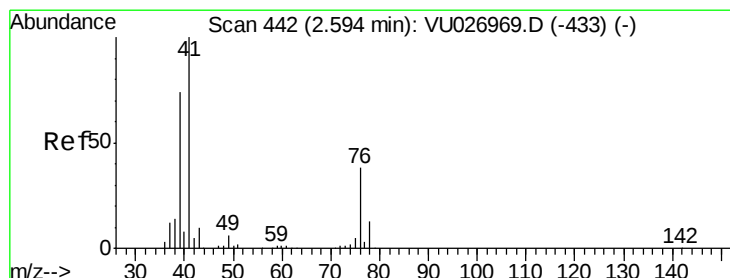
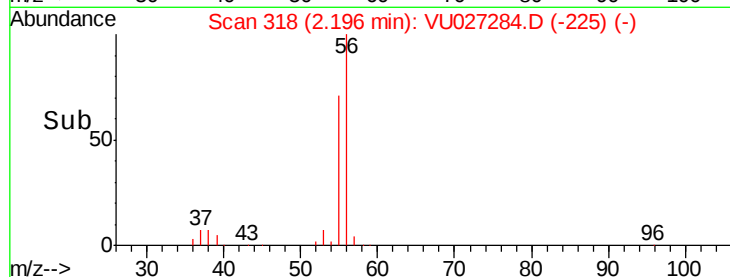
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 49.923 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

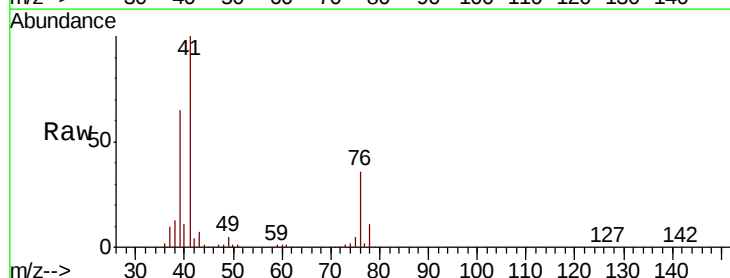
Tgt Ion: 41 Resp: 142873

Ion Ratio Lower Upper

41 100

39 66.1 55.7 83.5

76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.59

100000

80000

60000

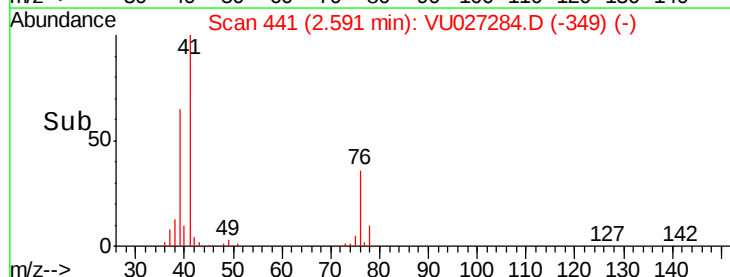
40000

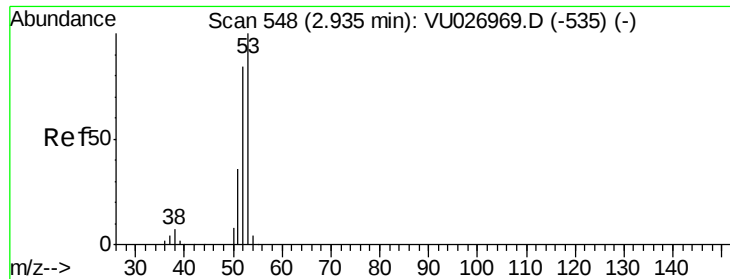
20000

0

Time-->

2.55 2.60 2.65 2.70

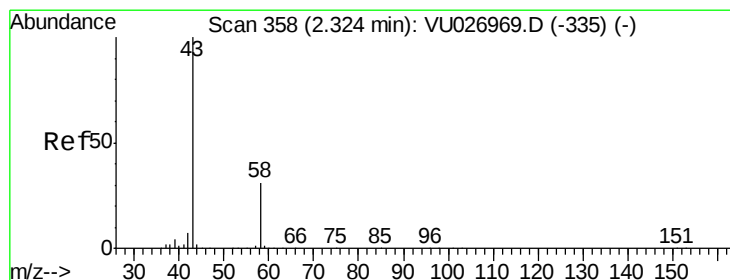
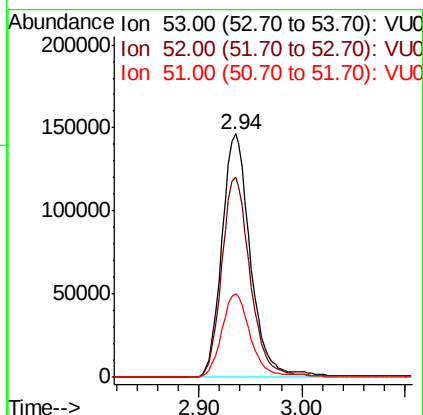
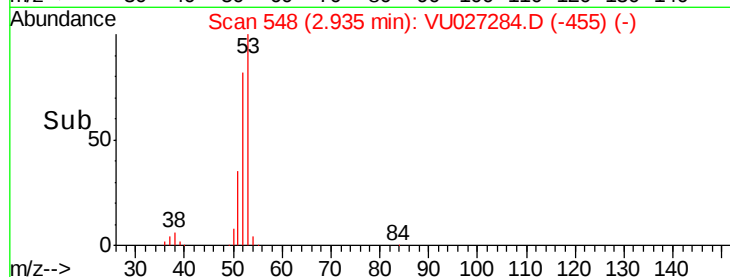
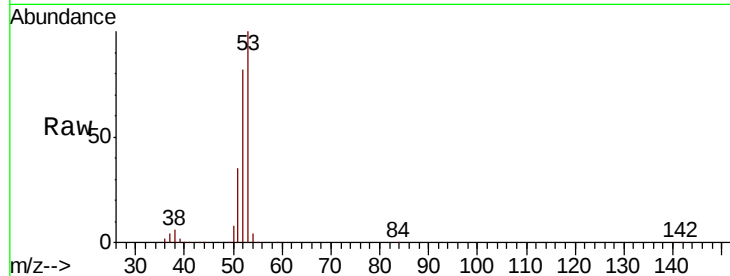




#15
Acrylonitrile
Concen: 238.732 ug/l
RT: 2.94 min Scan# 548
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

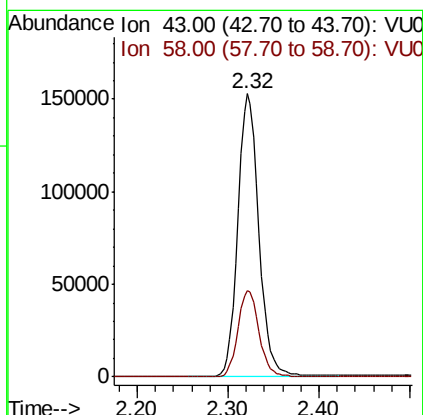
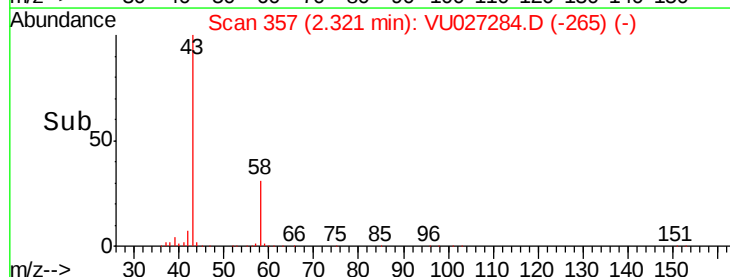
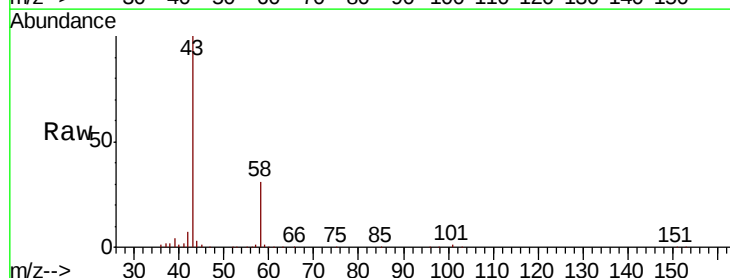
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

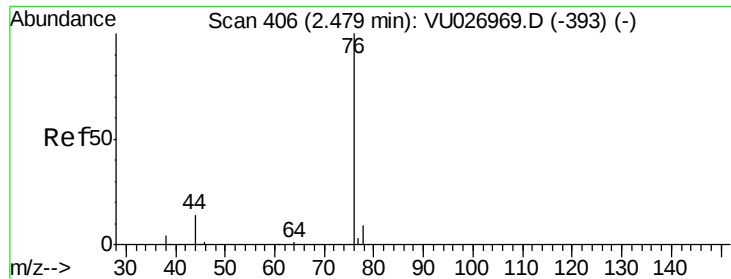
Tgt Ion: 53 Resp: 283574
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 34.1 27.4 41.2



#16
Acetone
Concen: 224.276 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 43 Resp: 246824
Ion Ratio Lower Upper
43 100
58 30.5 24.6 36.8

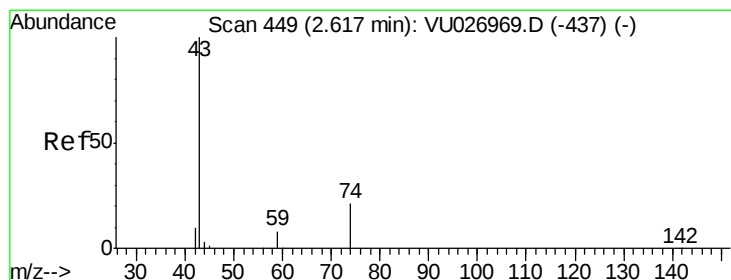
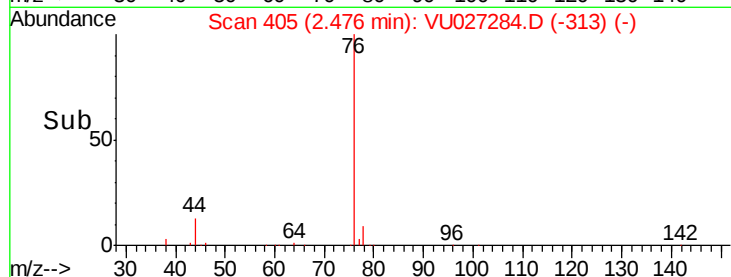
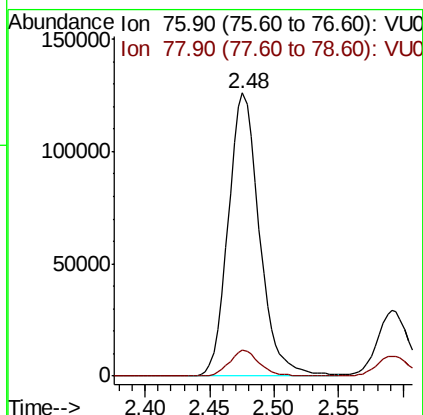
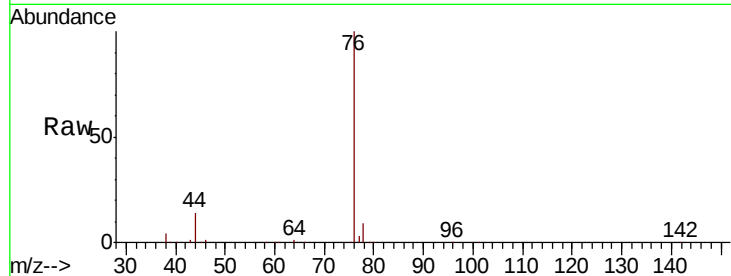




#17
Carbon Disulfide
Concen: 46.146 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

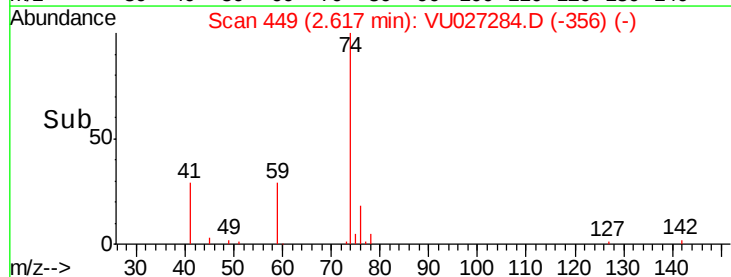
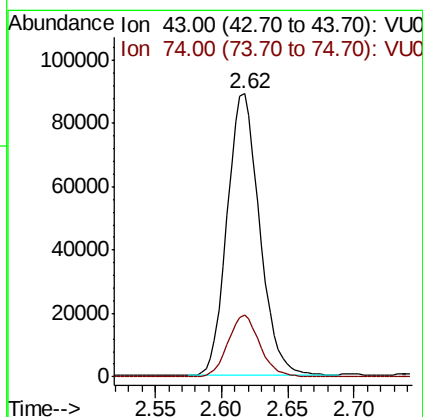
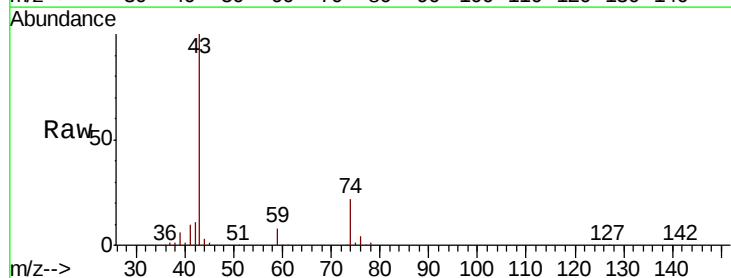
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

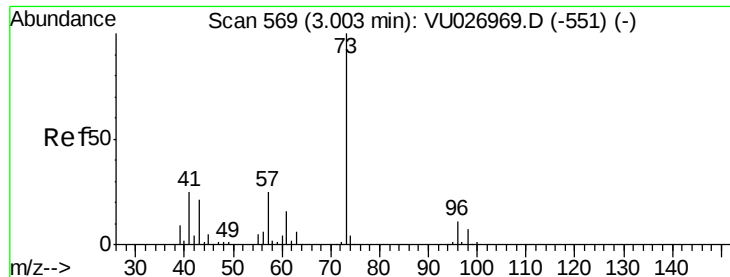
Tgt Ion: 76 Resp: 212114
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 51.826 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 43 Resp: 151674
Ion Ratio Lower Upper
43 100
74 21.7 16.6 25.0

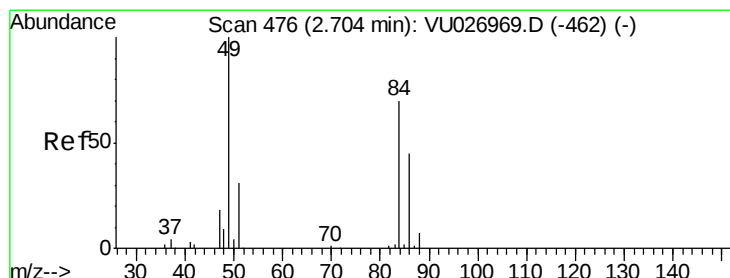
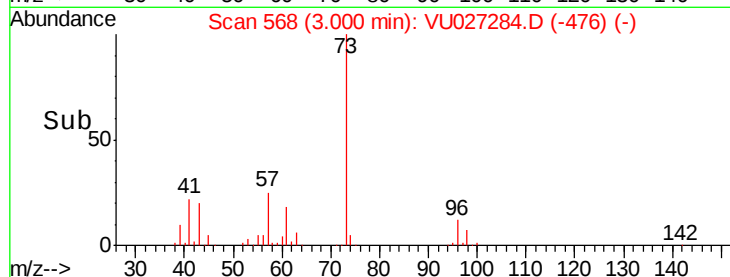
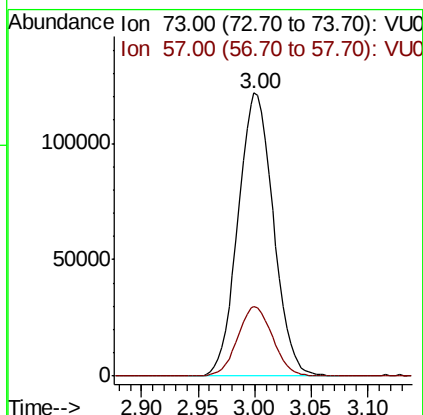
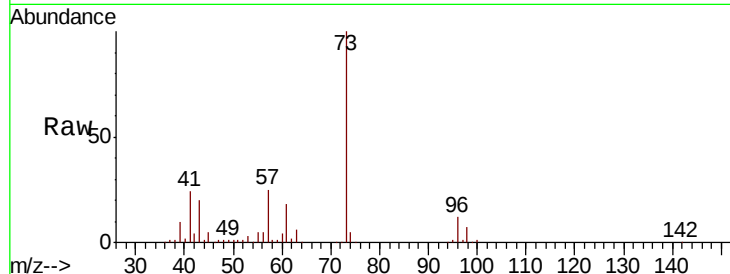




#19
Methyl tert-butyl Ether
Concen: 51.120 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

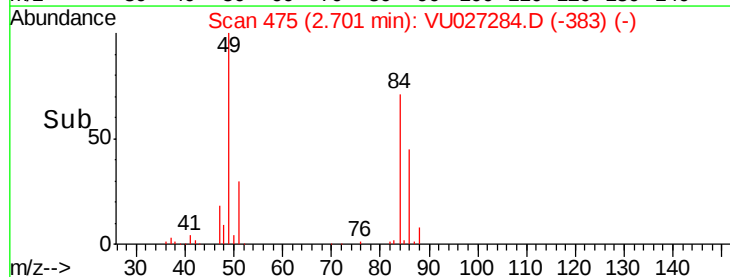
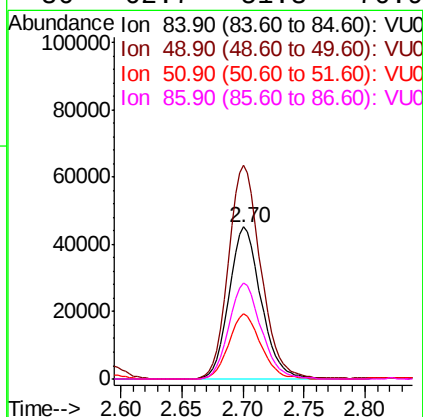
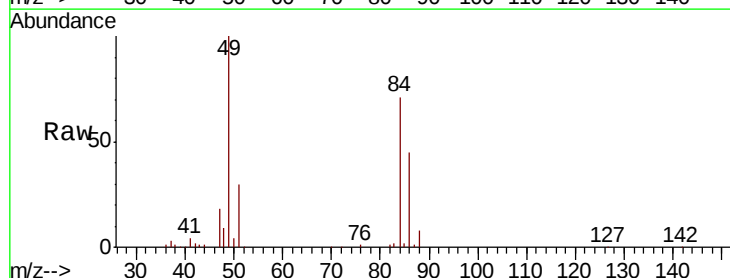
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

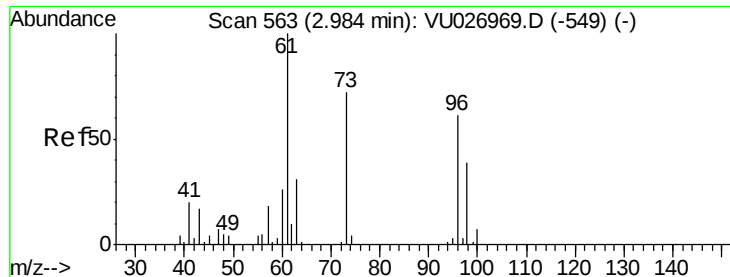
Tgt Ion: 73 Resp: 265062
Ion Ratio Lower Upper
73 100
57 24.8 19.8 29.6



#20
Methylene Chloride
Concen: 45.128 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 84 Resp: 83102
Ion Ratio Lower Upper
84 100
49 140.2 114.9 172.3
51 42.5 35.8 53.8
86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.407 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

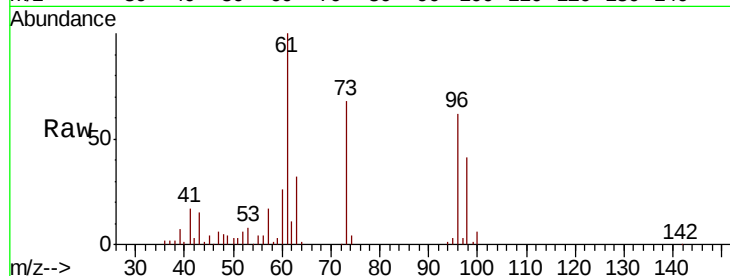
Tgt Ion: 96 Resp: 72925

Ion Ratio Lower Upper

96 100

61 160.6 131.8 197.6

98 65.2 50.9 76.3

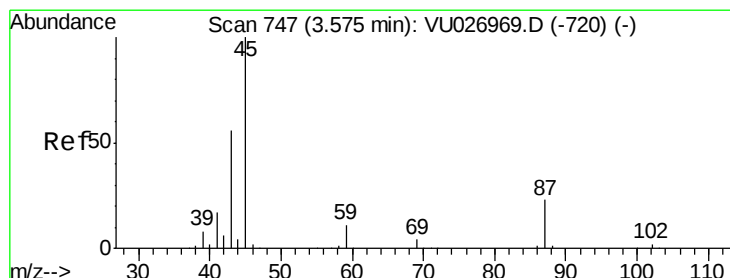
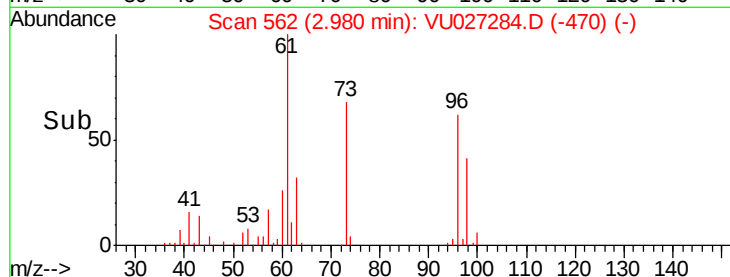
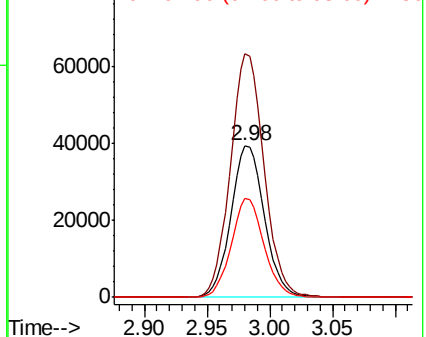


Abundance

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: 50.514 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Tgt Ion: 45 Resp: 309210

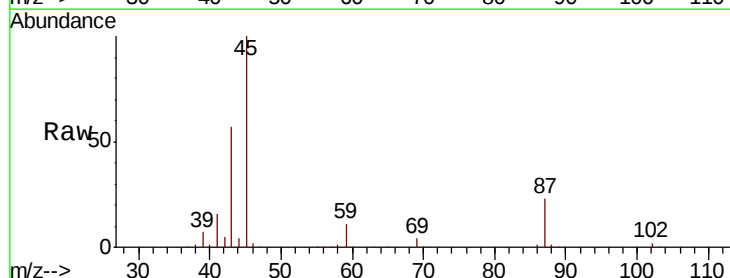
Ion Ratio Lower Upper

45 100

43 55.0 45.8 68.6

87 23.1 18.6 28.0

59 11.1 9.0 13.4



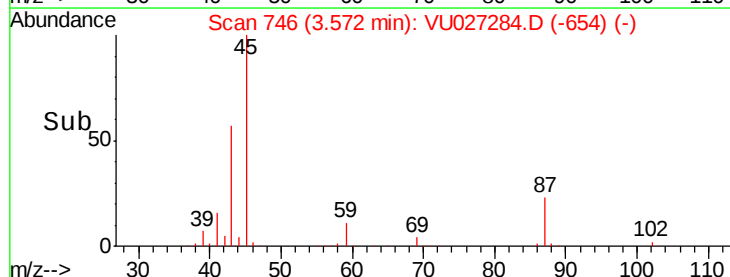
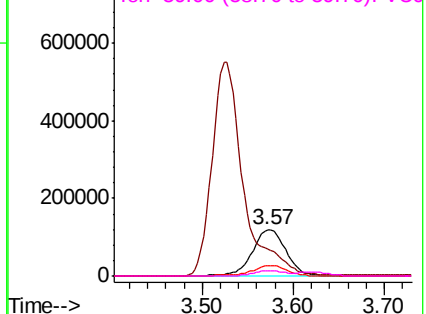
Abundance

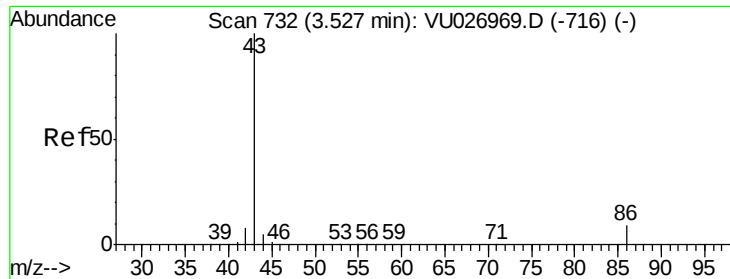
Ion 45.00 (44.70 to 45.70): VU0

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: 253.893 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

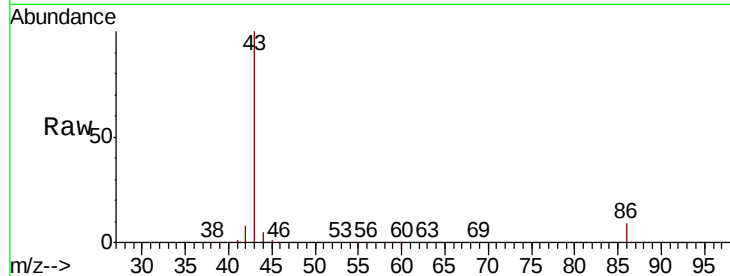
VSTDCCC050

Tgt Ion: 43 Resp: 1324791

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)

3.52

600000

500000

400000

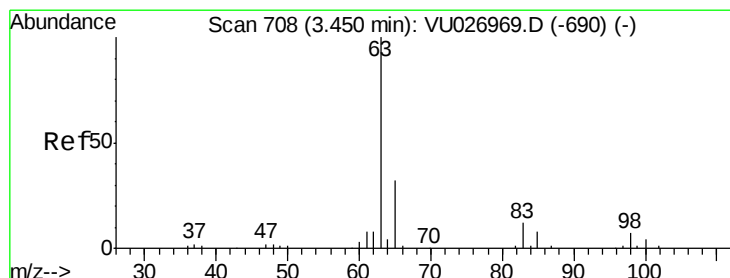
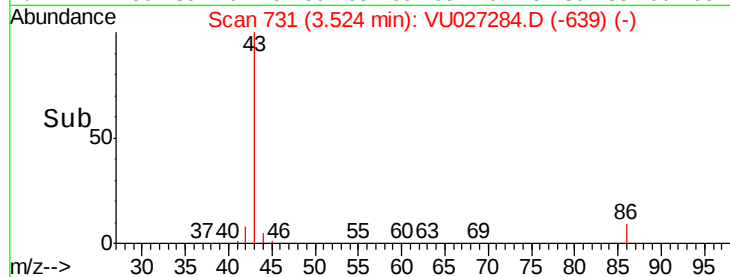
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.320 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

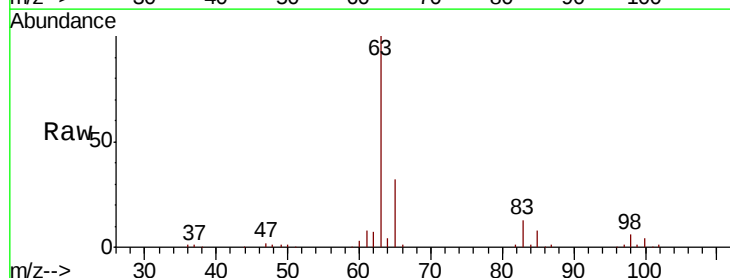
Tgt Ion: 63 Resp: 159533

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

80000

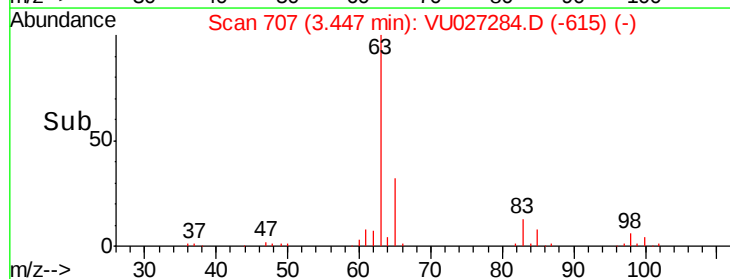
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 231.344 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

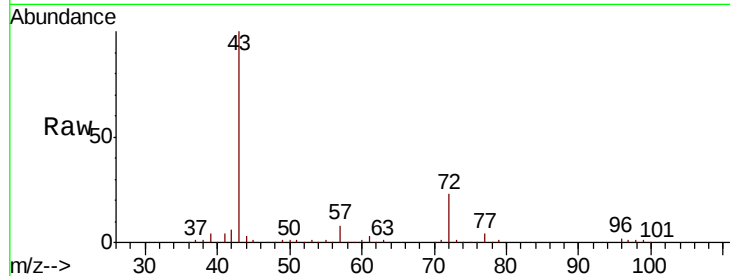
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 399759

Ion Ratio Lower Upper

43 100

72 23.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

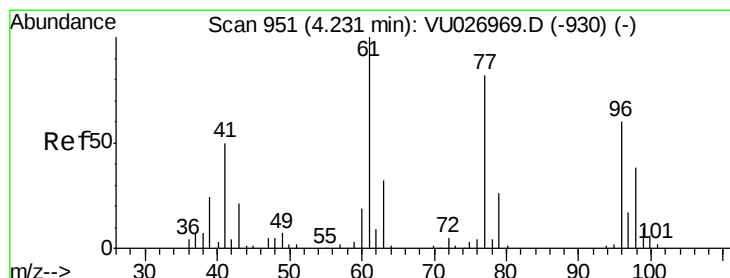
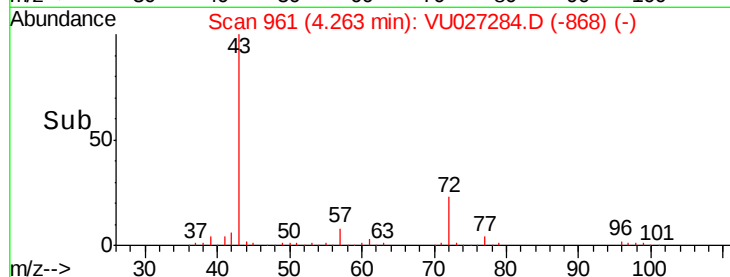
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 45.790 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027284.D

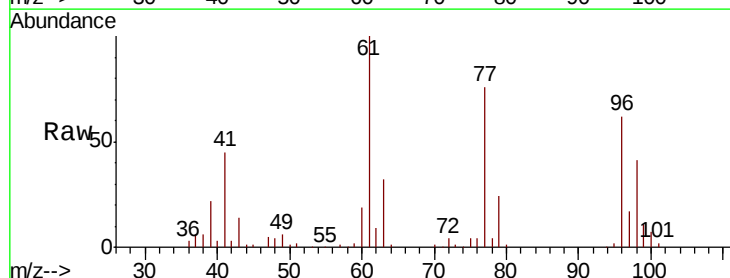
Acq: 28 Sep 2018 20:31

Tgt Ion: 77 Resp: 120393

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

50000

40000

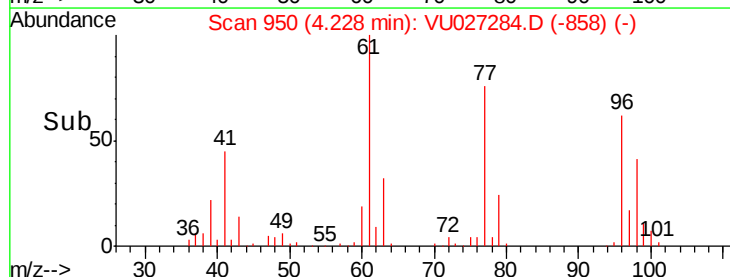
30000

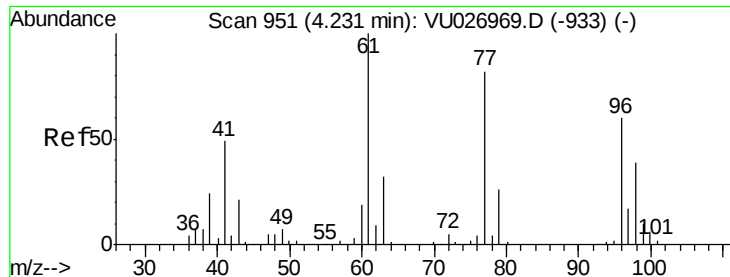
20000

10000

0

Time--> 4.10 4.20 4.30

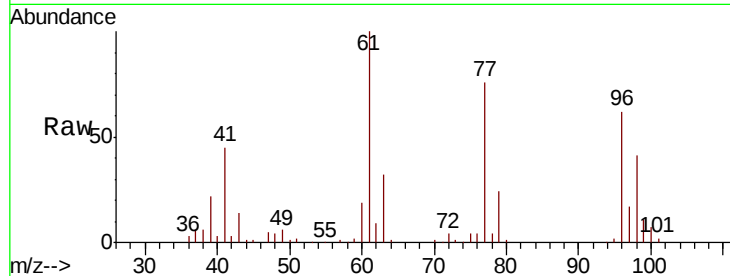




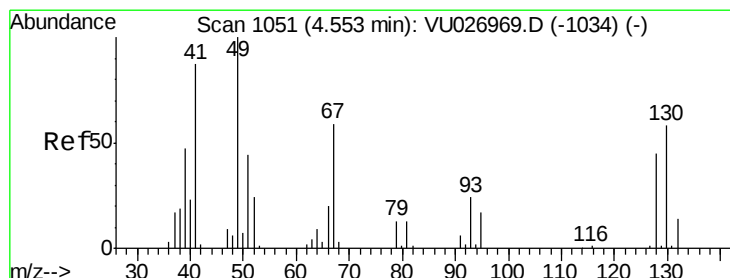
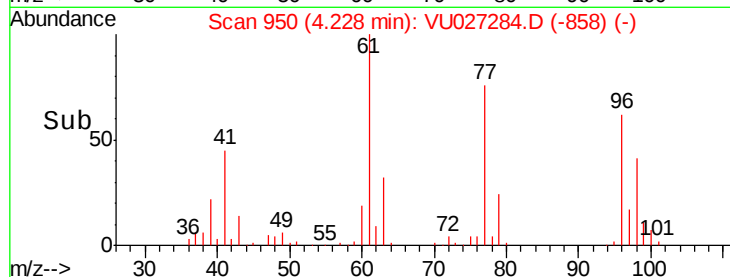
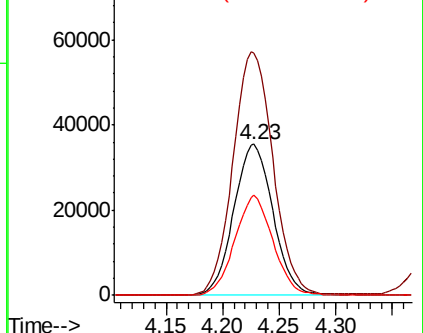
#27
 cis-1,2-Dichloroethene
 Concen: 50.325 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 85618
 Ion Ratio Lower Upper
 96 100
 61 165.0 0.0 337.2
 98 64.4 0.0 127.6

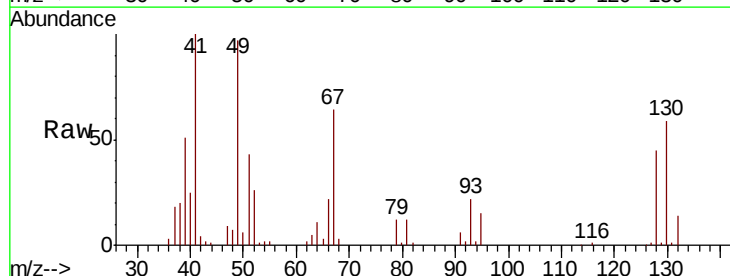


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

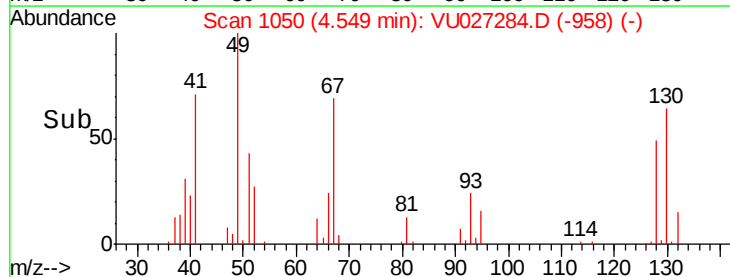
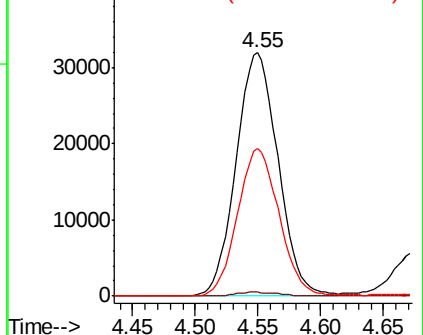


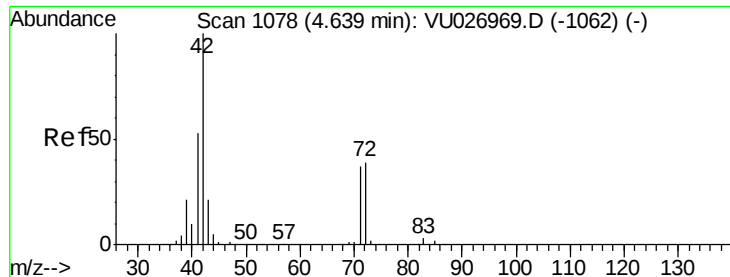
#28
 Bromochloromethane
 Concen: 45.860 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 49 Resp: 74529
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 60.1 47.8 71.8



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: 250.079 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

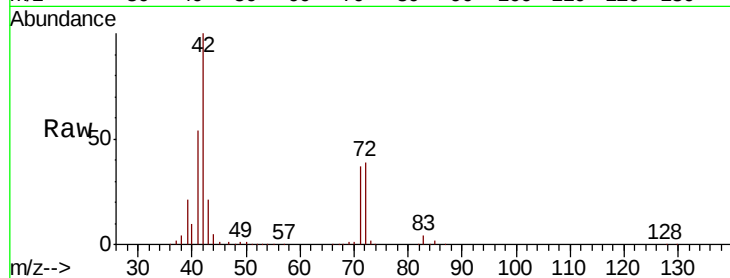
Tgt Ion: 42 Resp: 261412

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

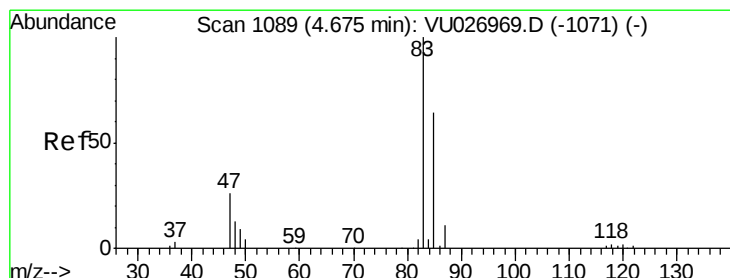
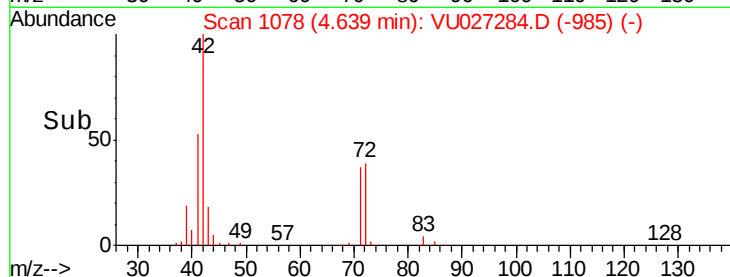
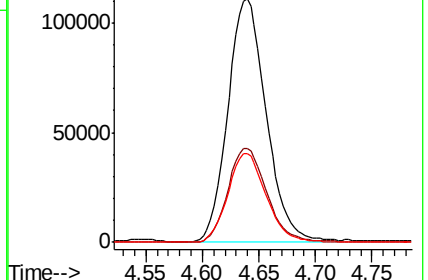
71 36.7 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 45.809 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027284.D

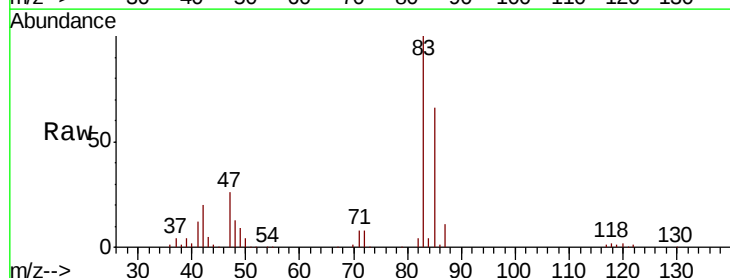
Acq: 28 Sep 2018 20:31

Tgt Ion: 83 Resp: 143356

Ion Ratio Lower Upper

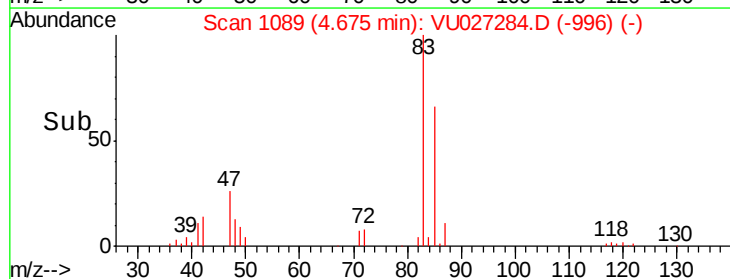
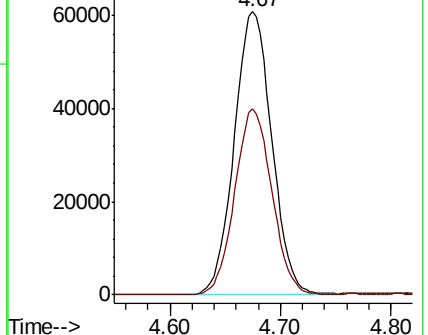
83 100

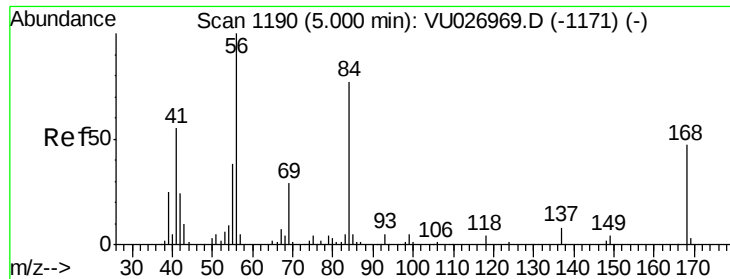
85 65.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

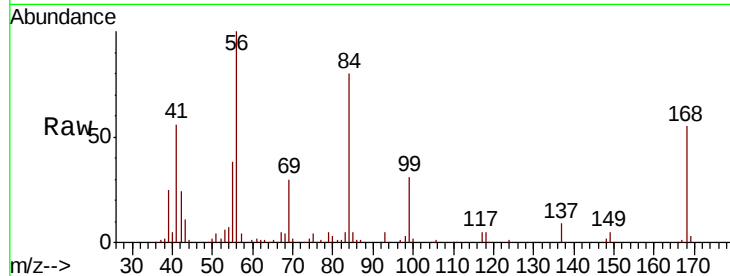




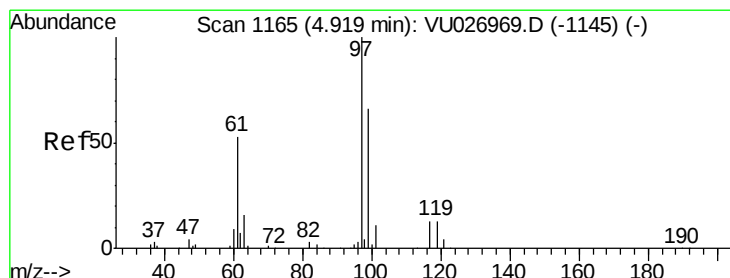
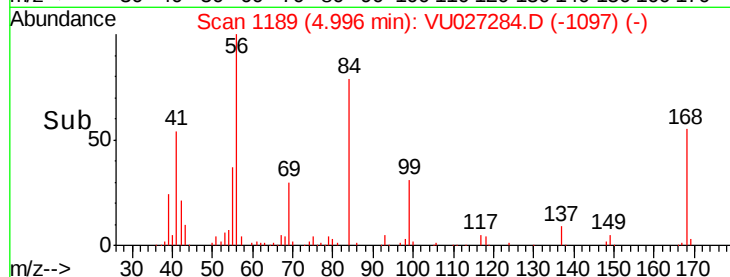
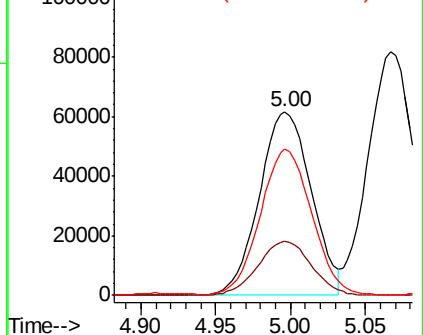
#31
Cyclohexane
Concen: 48.563 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 148879
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.4
84 79.0 61.4 92.2

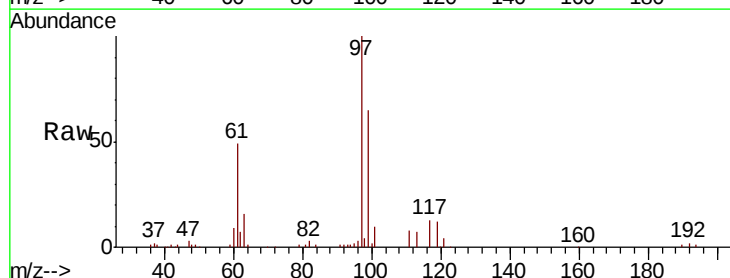


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

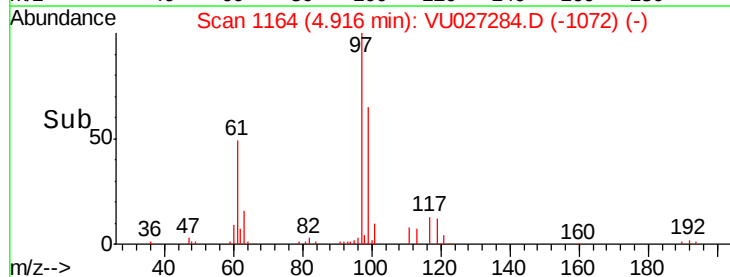
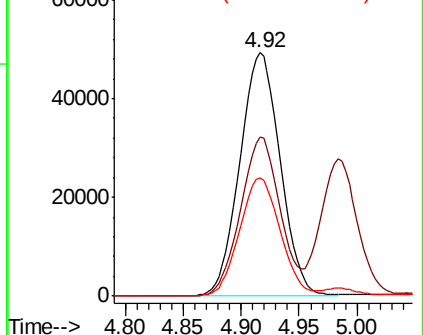


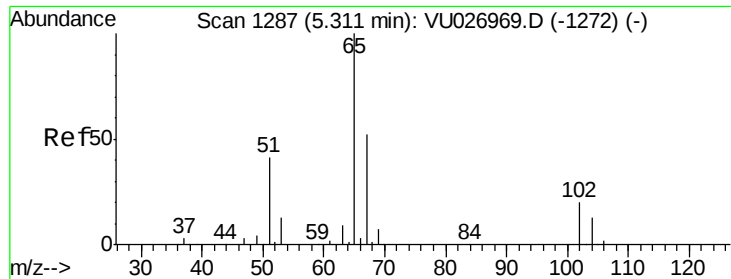
#32
1,1,1-Trichloroethane
Concen: 47.950 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 97 Resp: 119807
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 48.9 41.1 61.7



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

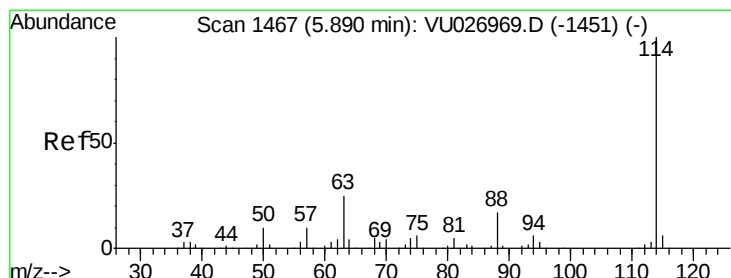
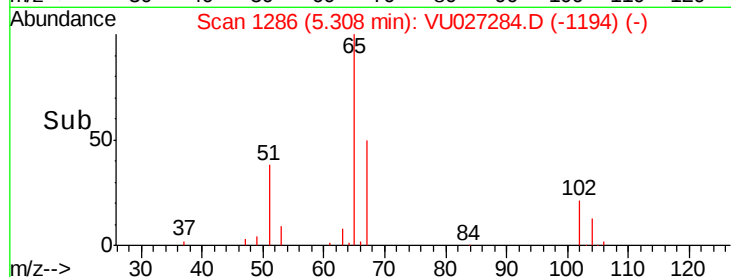
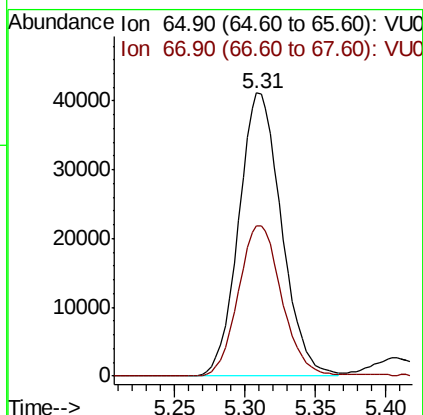
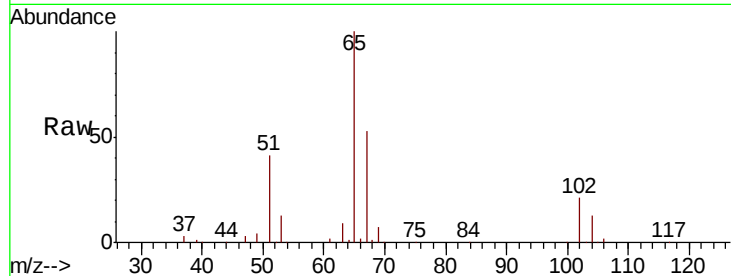




#33
 1,2-Dichloroethane-d4
 Concen: 42.477 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

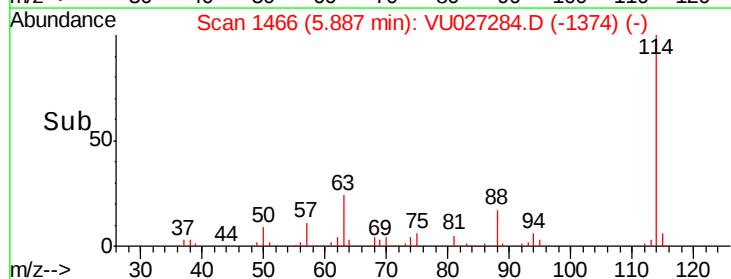
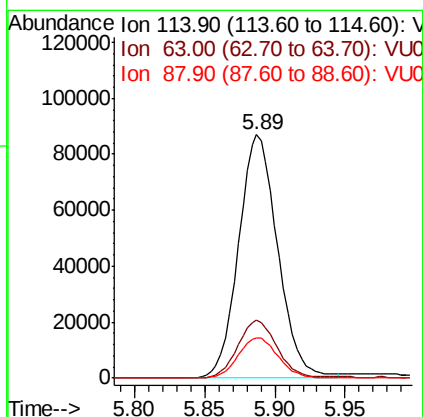
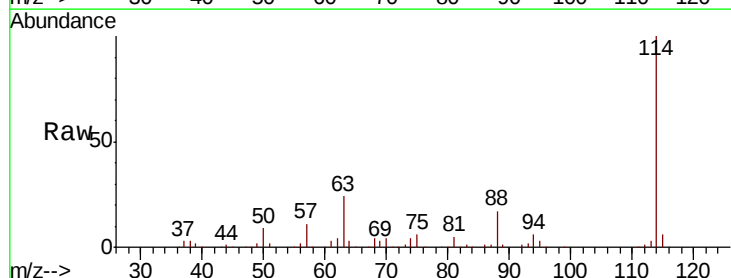
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 87341
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 114 Resp: 169188
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 16.7 0.0 33.8

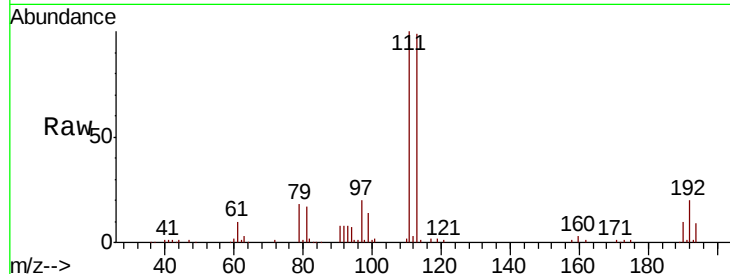




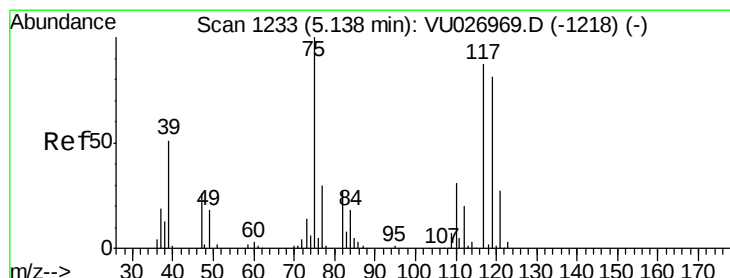
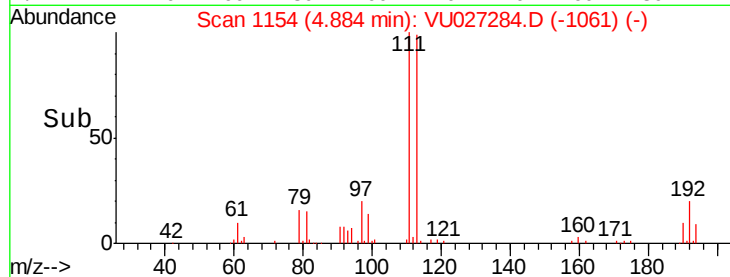
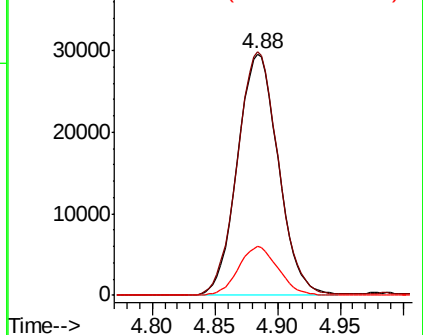
#35
 Dibromofluoromethane
 Concen: 45.821 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 67198
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 19.6 15.2 22.8

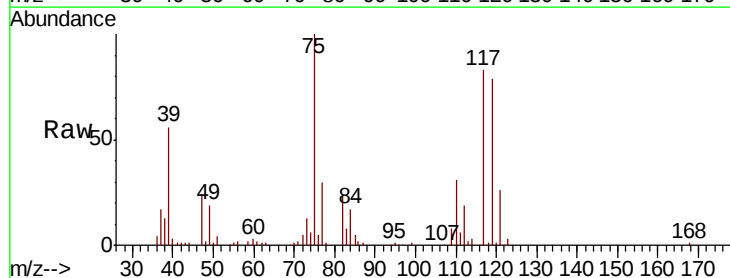


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

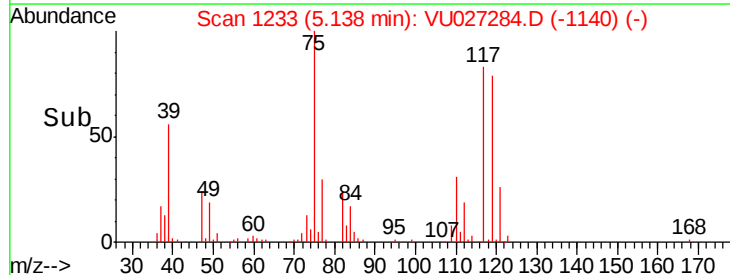
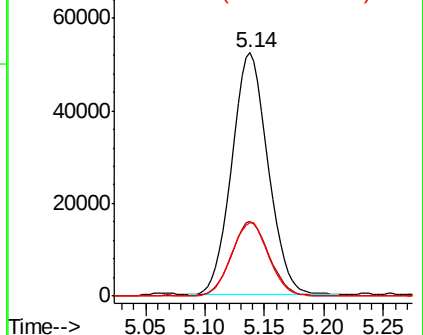


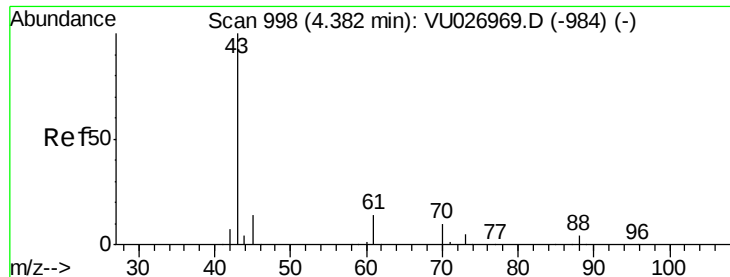
#36
 1,1-Dichloropropene
 Concen: 48.724 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 75 Resp: 110020
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.1 48.2
 77 31.5 24.6 36.8



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

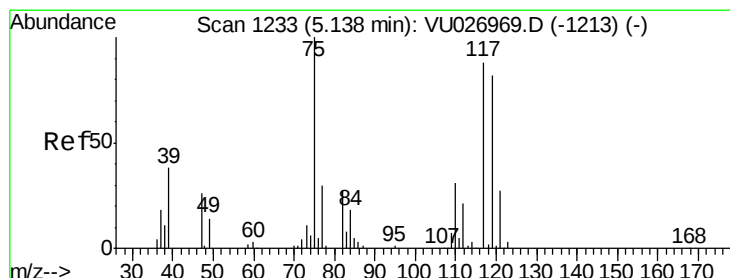
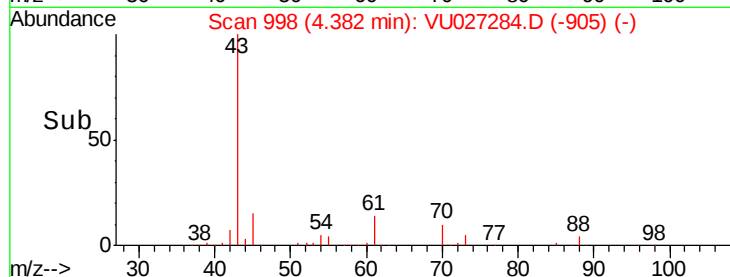
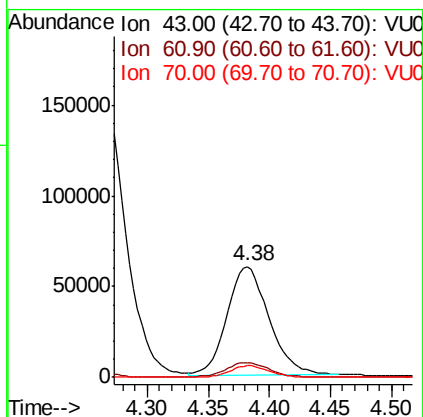
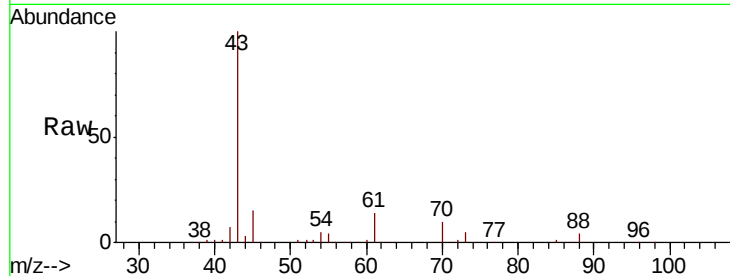




#37
Ethyl Acetate
Concen: 46.925 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

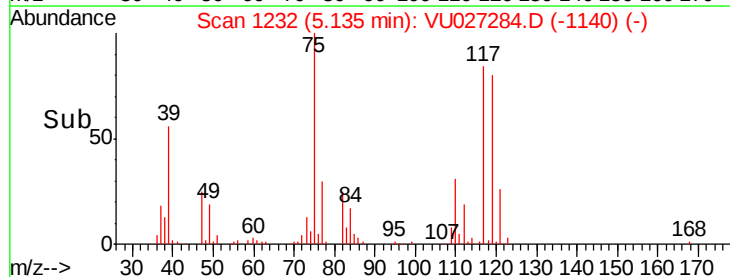
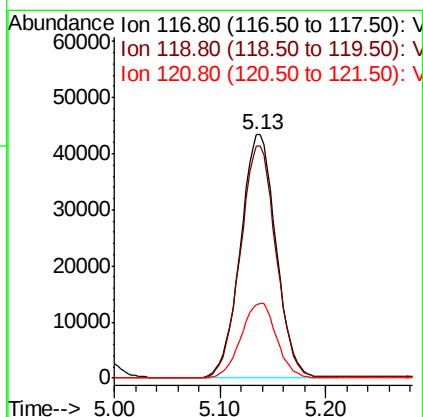
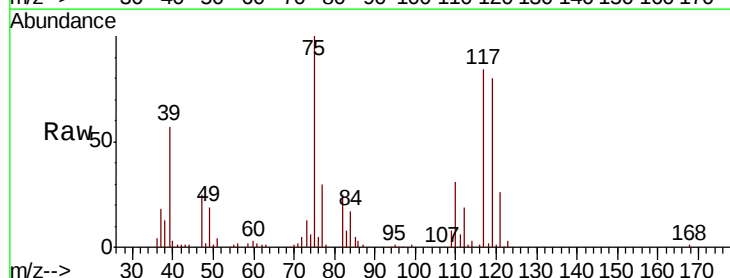
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

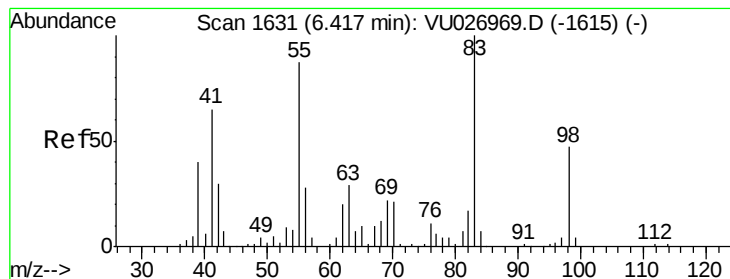
Tgt Ion: 43 Resp: 143439
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 10.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 47.551 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 117 Resp: 102177
Ion Ratio Lower Upper
117 100
119 95.1 74.4 111.6
121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 53.955 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

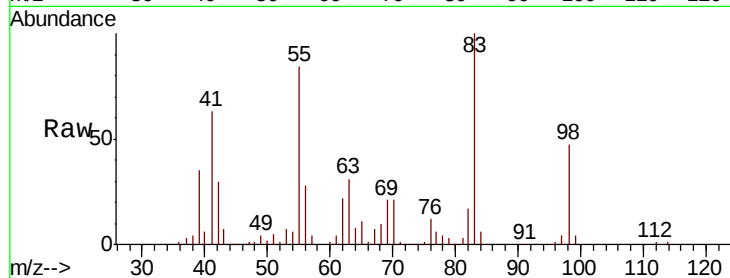
Tgt Ion: 83 Resp: 132395

Ion Ratio Lower Upper

83 100

55 84.1 69.9 104.9

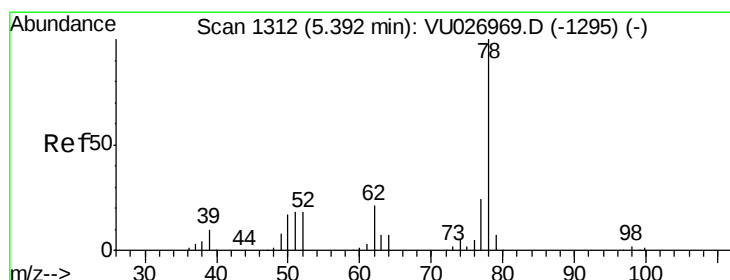
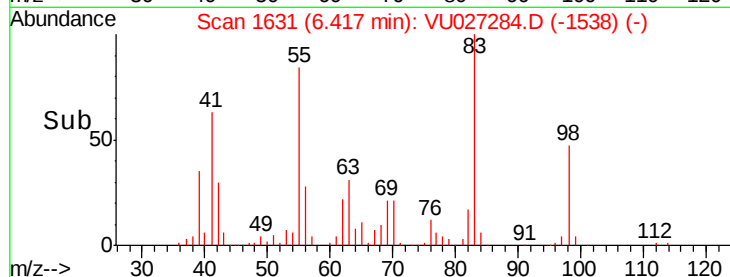
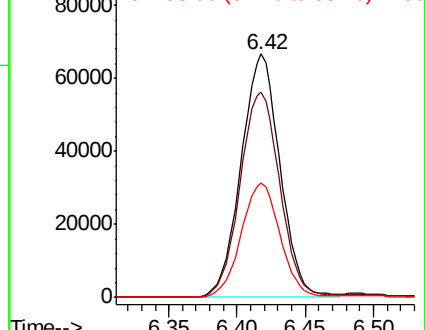
98 46.9 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 48.458 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027284.D

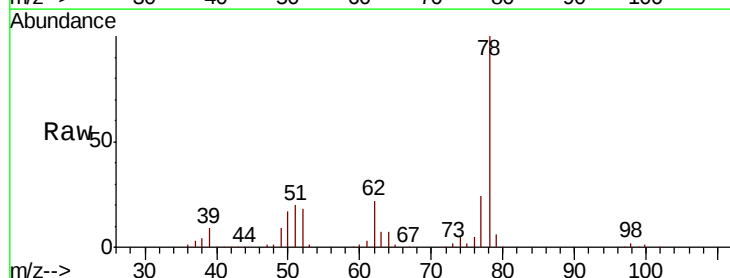
Acq: 28 Sep 2018 20:31

Tgt Ion: 78 Resp: 332632

Ion Ratio Lower Upper

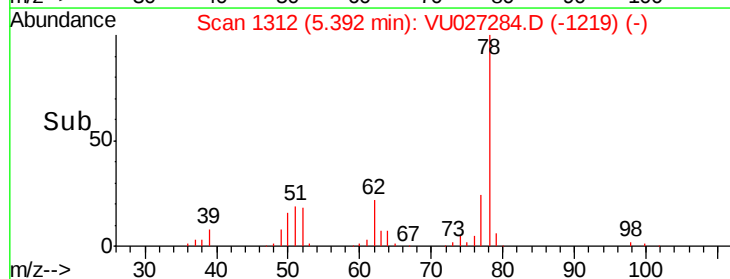
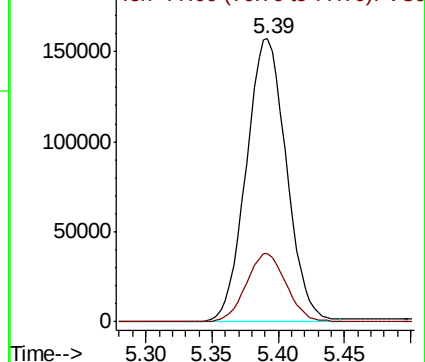
78 100

77 24.1 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

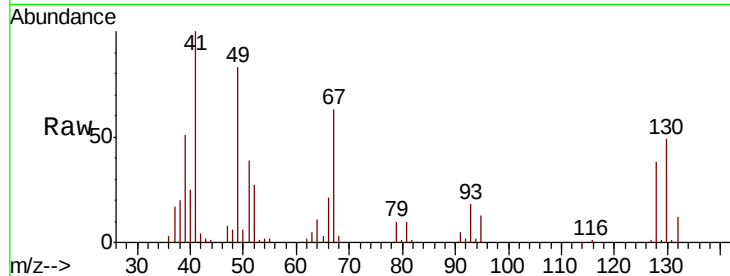




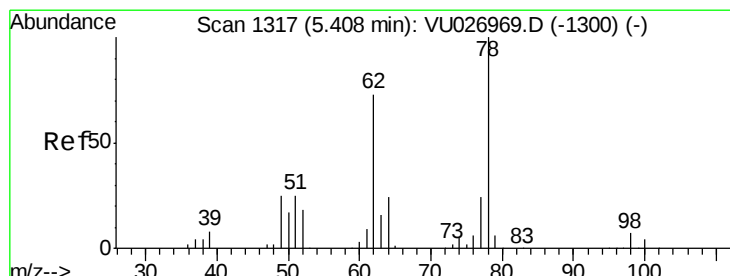
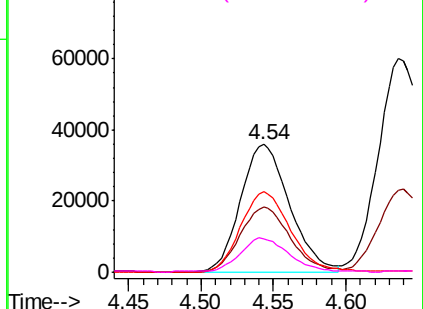
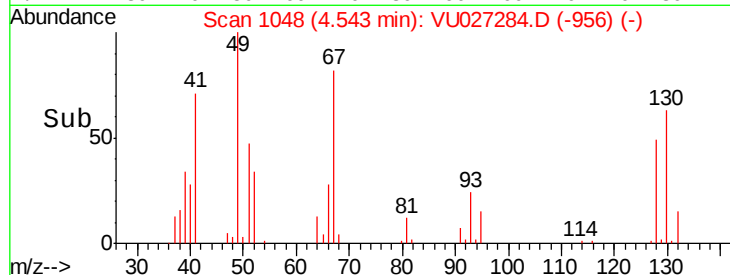
#41
Methacrylonitrile
Concen: 53.468 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 84881
Ion Ratio Lower Upper
41 100
39 51.3 42.9 64.3
67 64.0 52.4 78.6
52 25.8 21.3 31.9

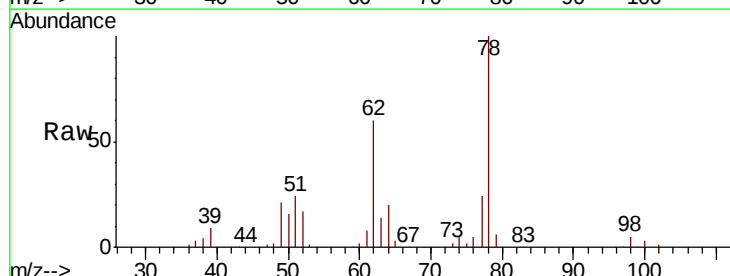


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

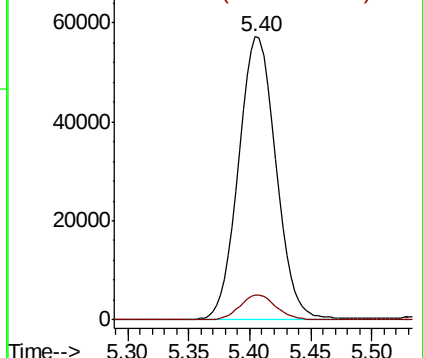
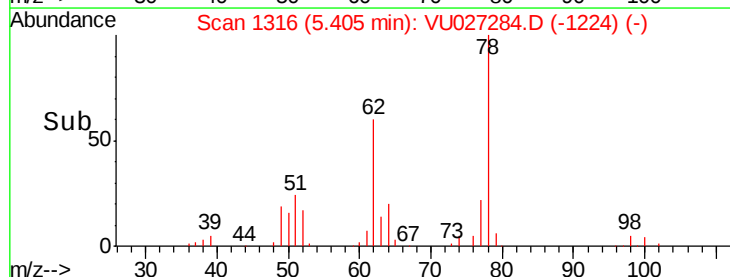


#42
1,2-Dichloroethane
Concen: 46.894 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 62 Resp: 121616
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 51.734 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

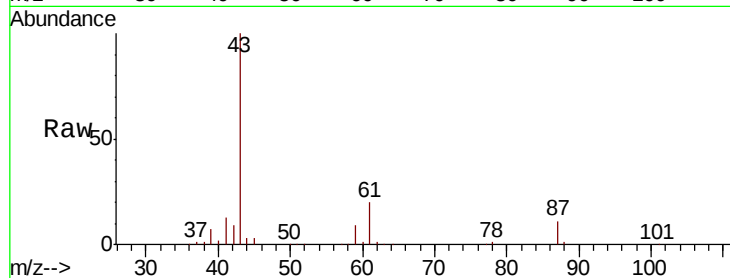
Tgt Ion: 43 Resp: 230622

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

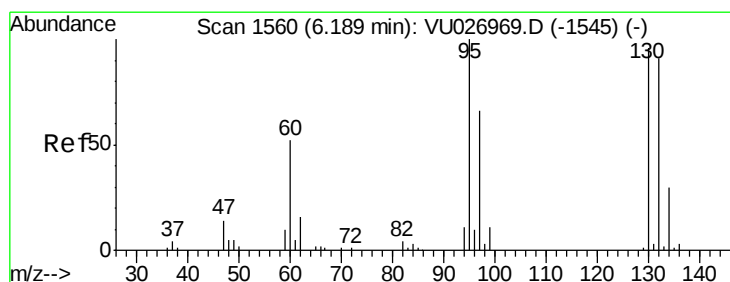
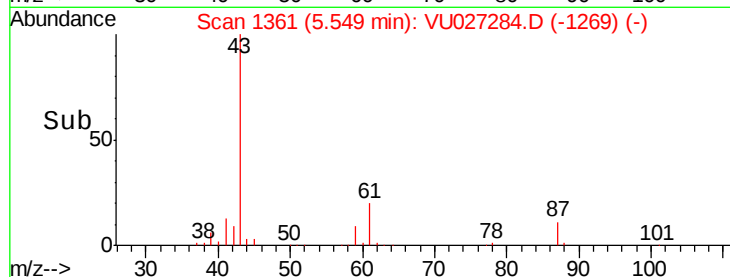
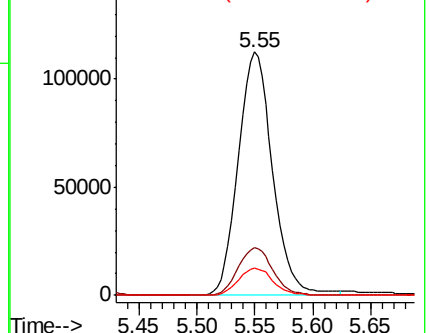
87 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 51.204 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027284.D

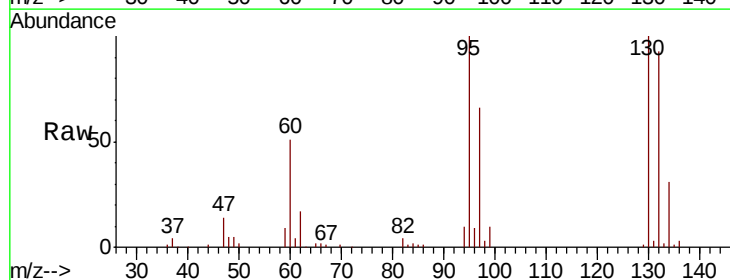
Acq: 28 Sep 2018 20:31

Tgt Ion: 130 Resp: 74826

Ion Ratio Lower Upper

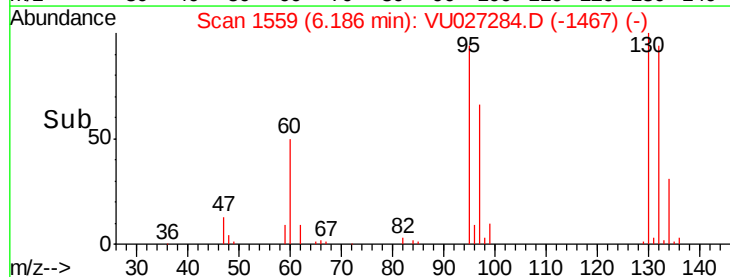
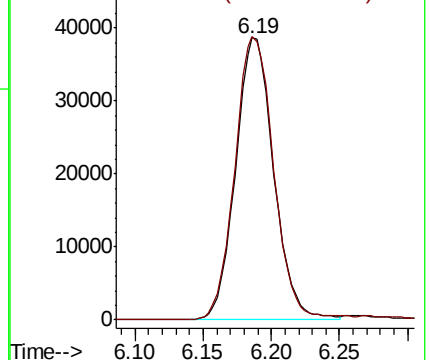
130 100

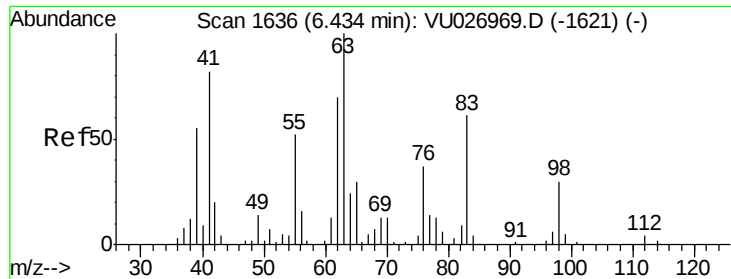
95 100.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

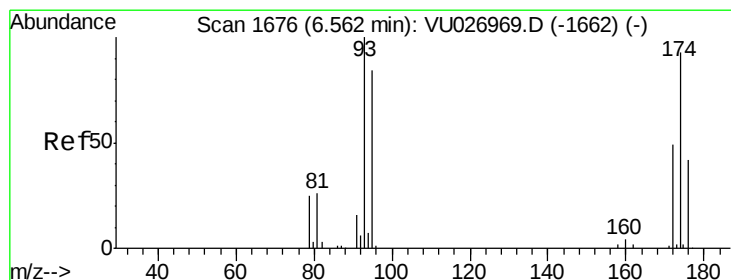
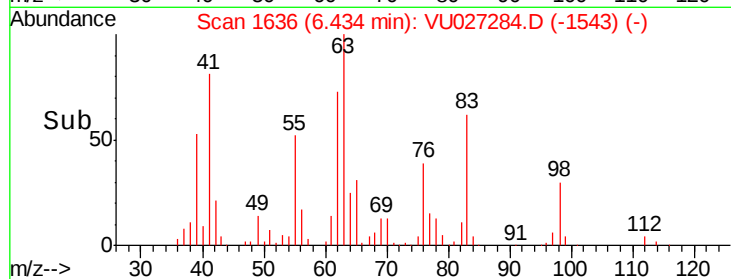
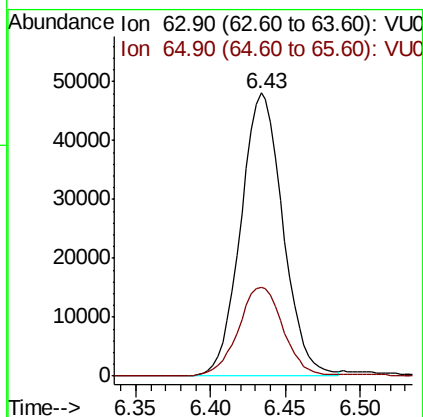
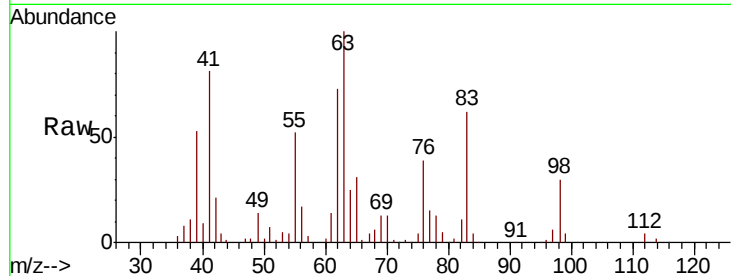




#45
 1,2-Dichloropropane
 Concen: 48.214 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

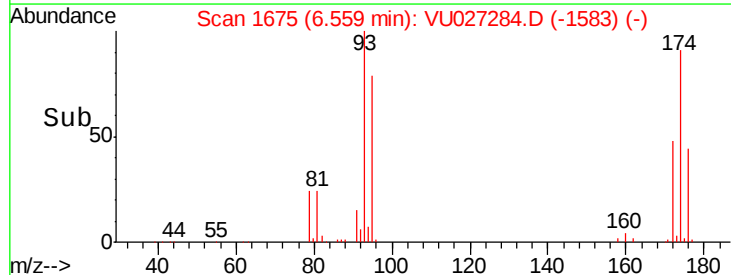
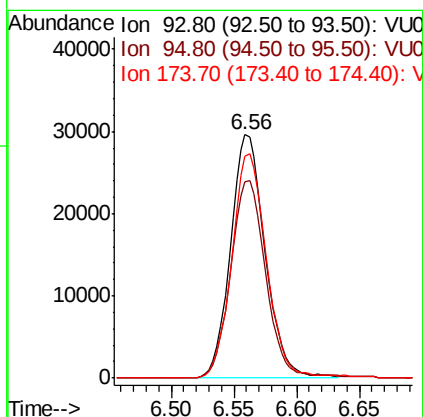
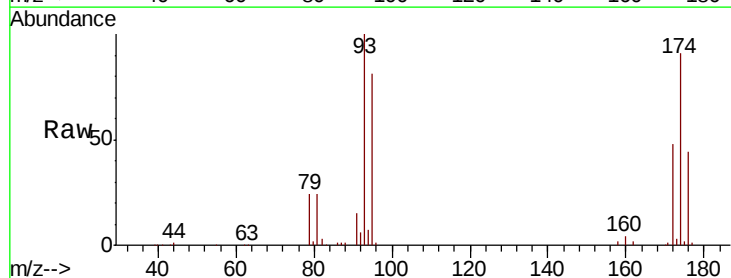
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

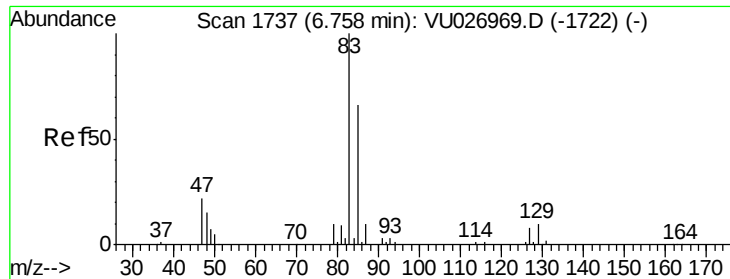
Tgt Ion: 63 Resp: 94300
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 47.937 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 93 Resp: 56625
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.2 99.4
 174 93.3 71.7 107.5

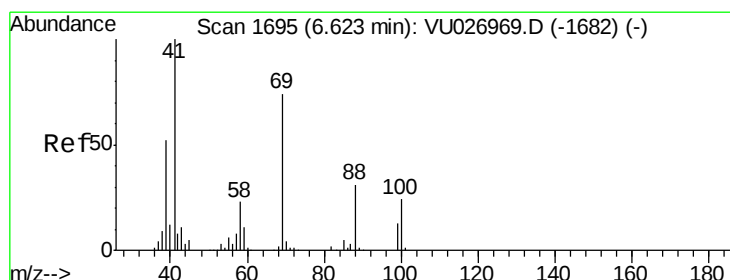
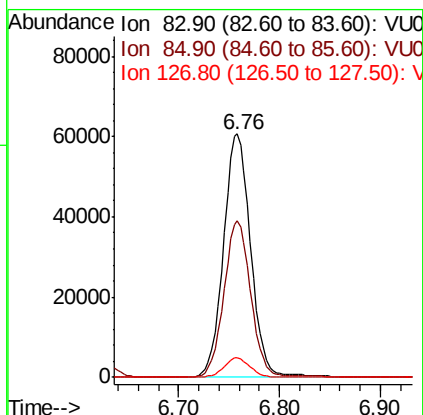
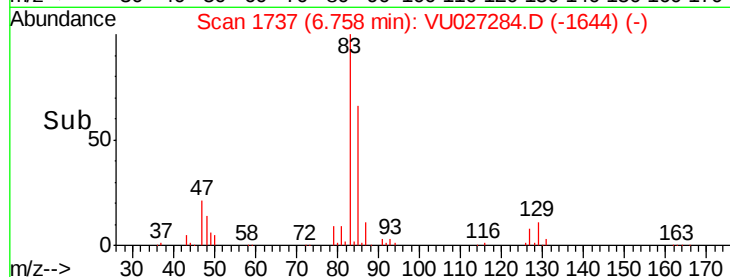
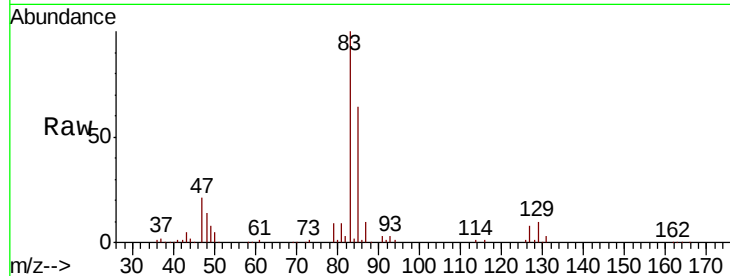




#47
Bromodichloromethane
Concen: 47.766 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

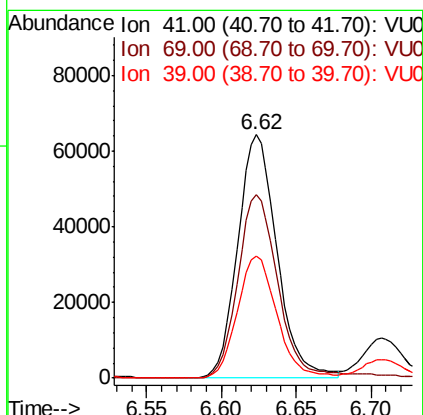
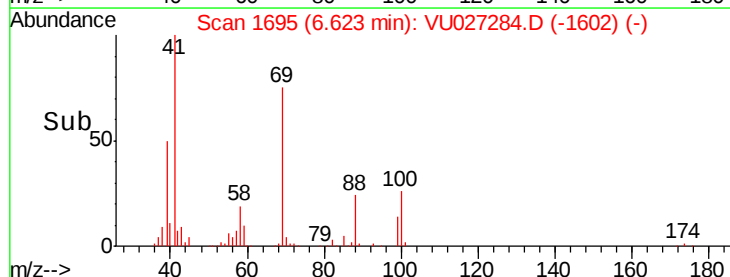
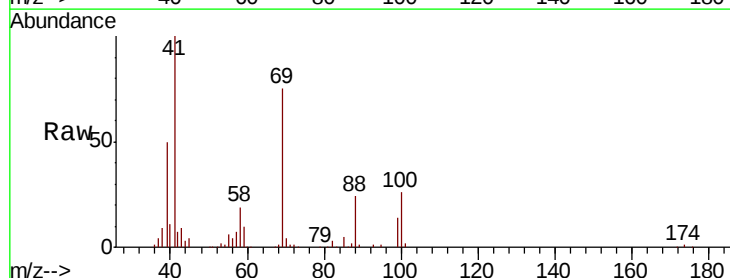
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114091
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 48.518 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 41 Resp: 117647
Ion Ratio Lower Upper
41 100
69 78.6 60.6 90.8
39 50.4 42.8 64.2

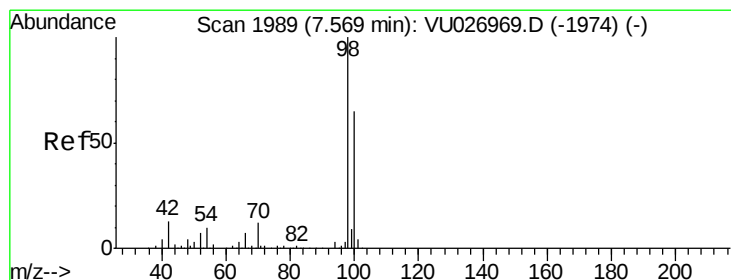
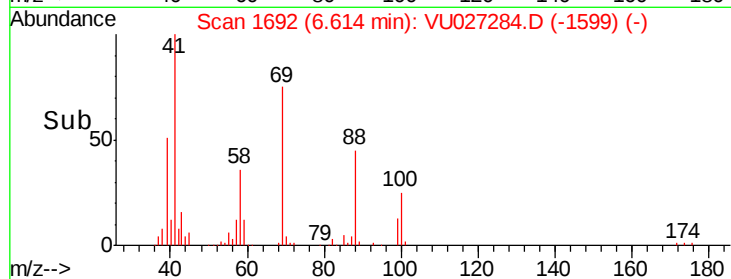
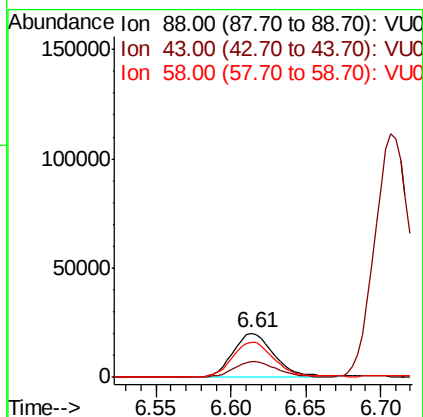
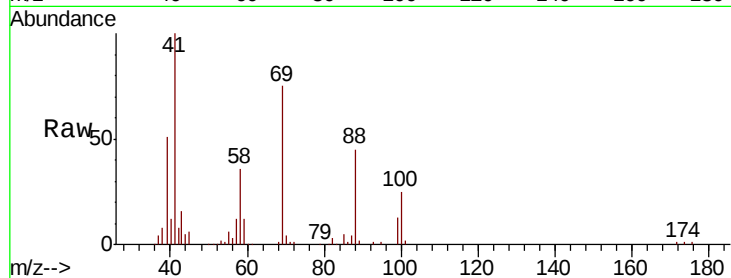




#49
1,4-Dioxane
Concen: 818.781 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

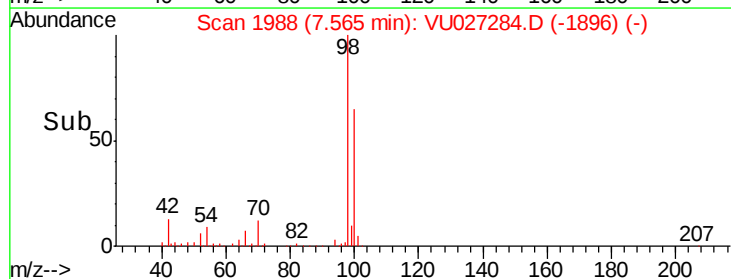
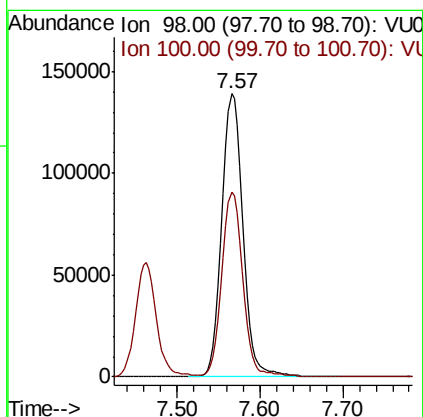
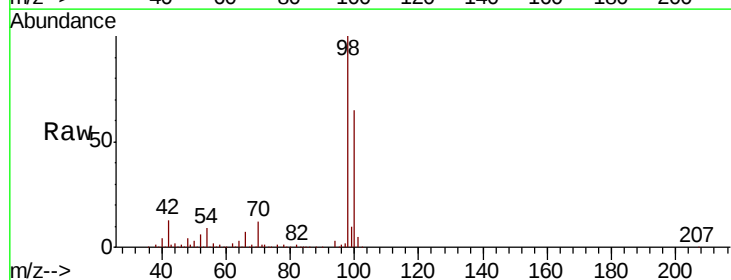
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 39469
Ion Ratio Lower Upper
88 100
43 37.3 29.8 44.8
58 81.2 63.9 95.9



#50
Toluene-d8
Concen: 44.007 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 98 Resp: 245954
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

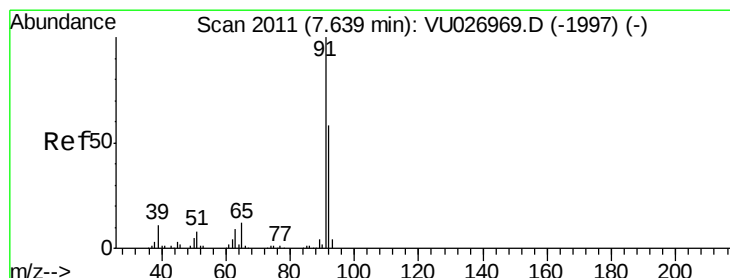
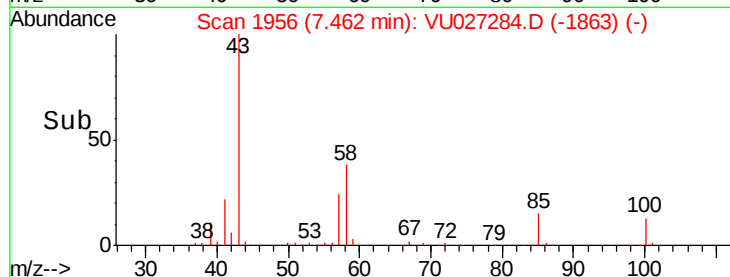
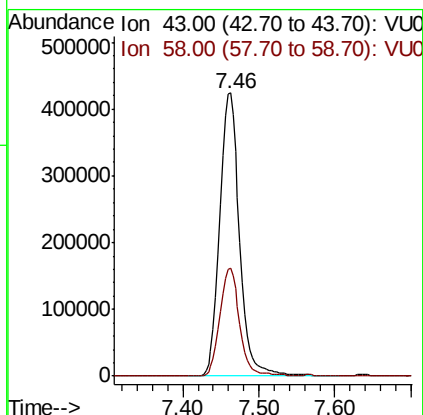
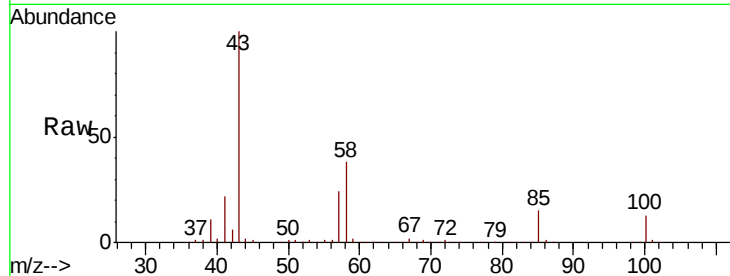




#51
 4-Methyl-2-Pentanone
 Concen: 256.427 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

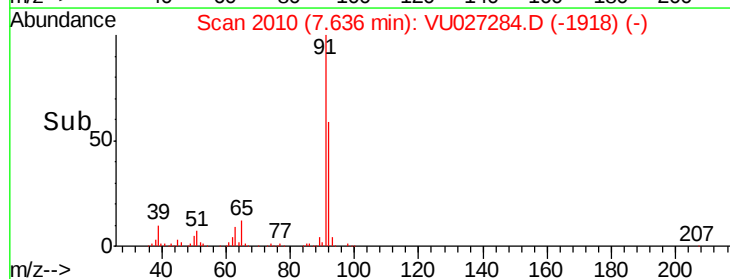
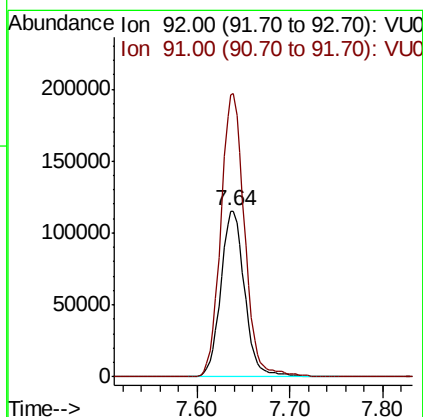
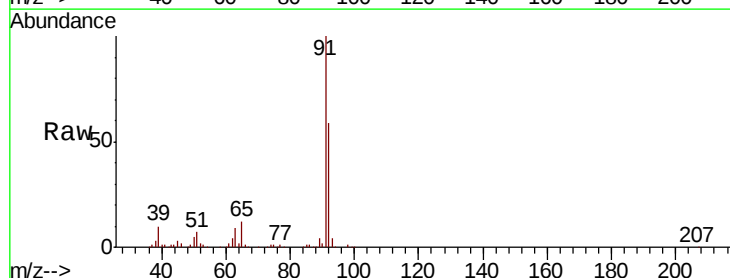
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

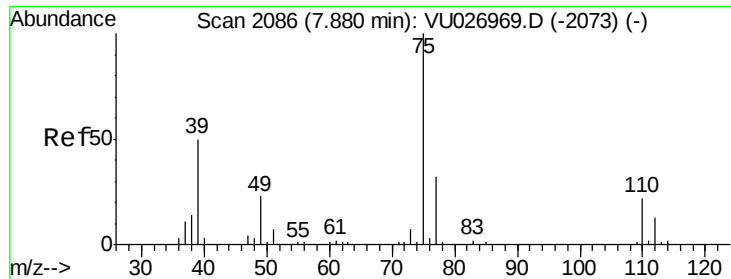
Tgt Ion: 43 Resp: 768819
 Ion Ratio Lower Upper
 43 100
 58 38.0 29.8 44.6



#52
 Toluene
 Concen: 52.298 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 92 Resp: 205774
 Ion Ratio Lower Upper
 92 100
 91 170.2 136.4 204.6

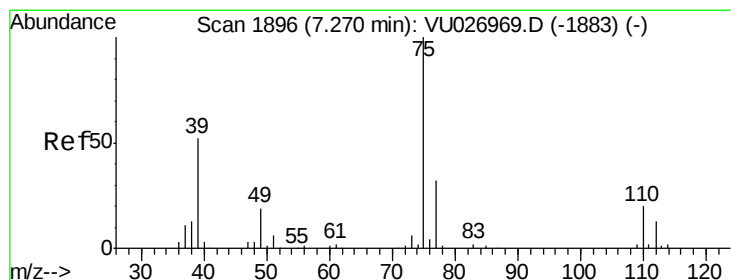
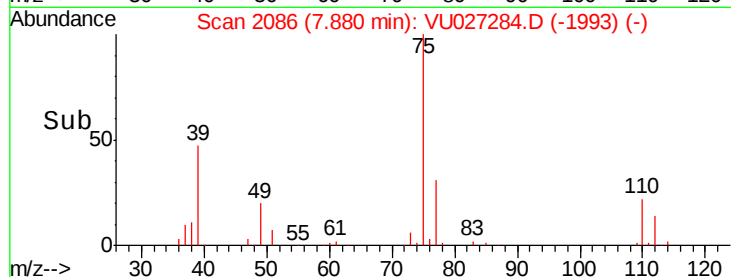
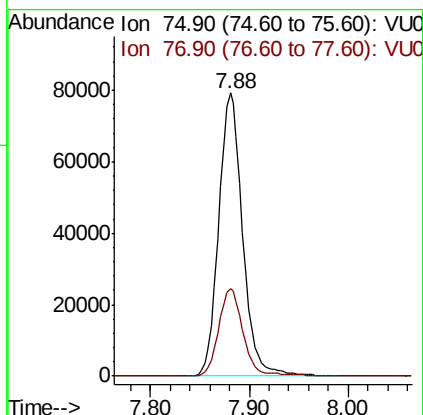
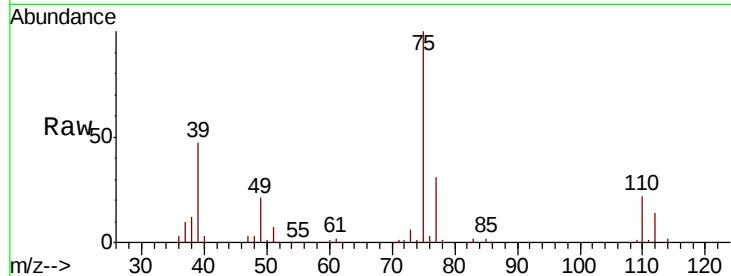




#53
t-1,3-Dichloropropene
Concen: 52.542 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

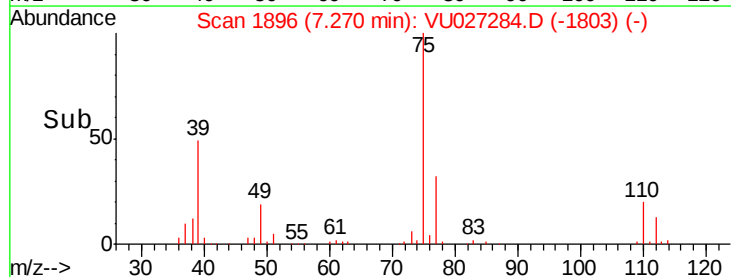
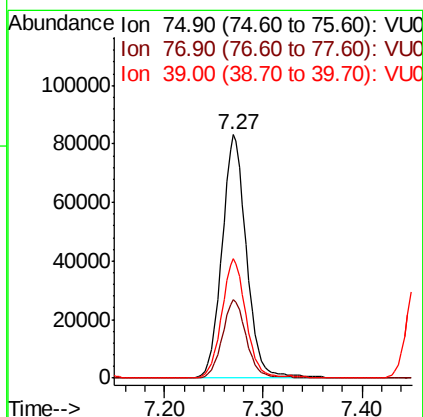
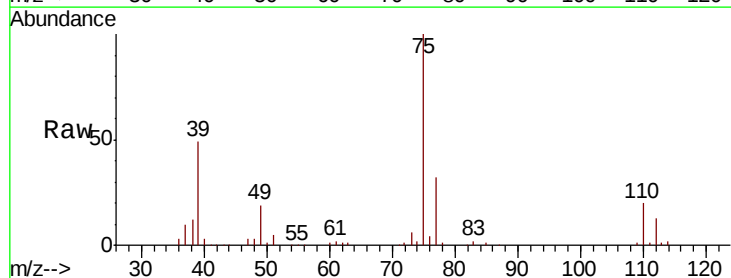
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 134838
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.353 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 75 Resp: 144902
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 48.8 41.6 62.4

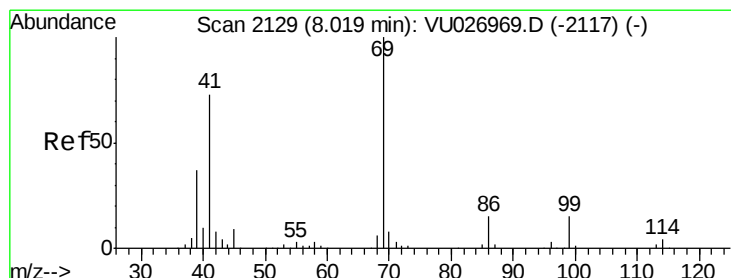
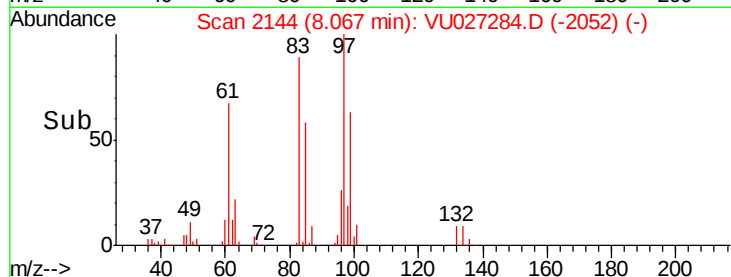
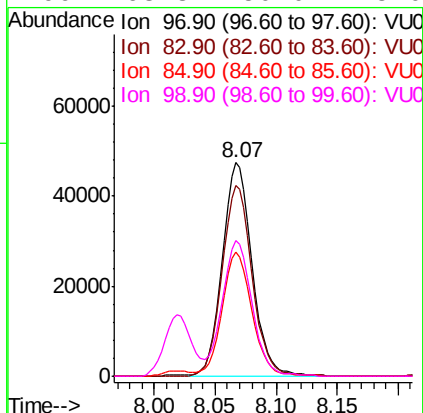
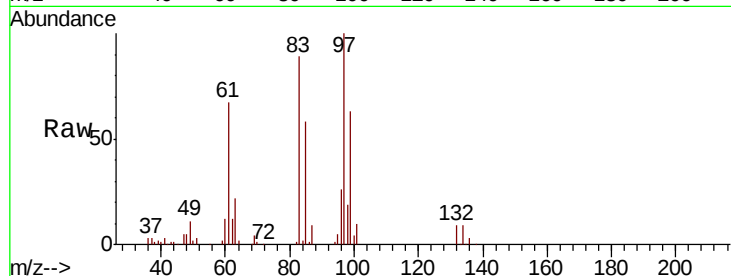




#55
 1,1,2-Trichloroethane
 Concen: 48.751 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

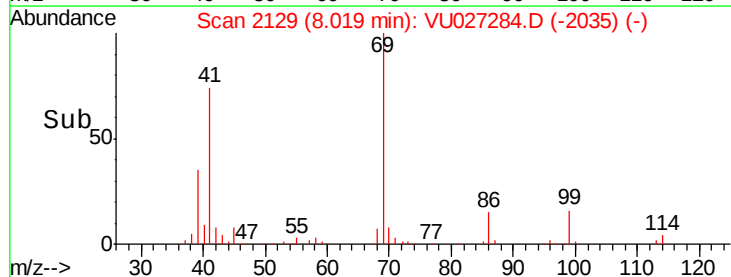
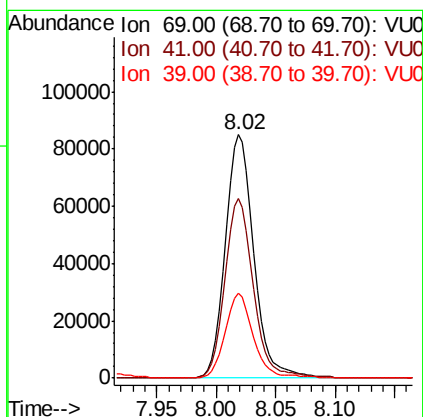
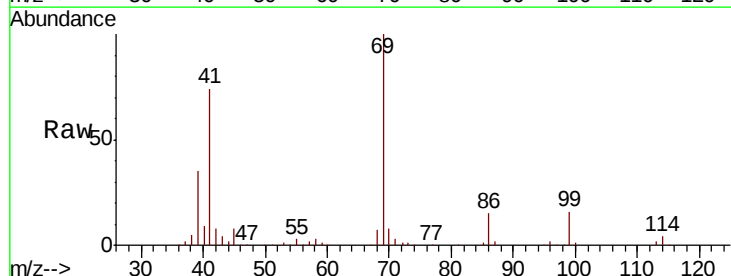
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

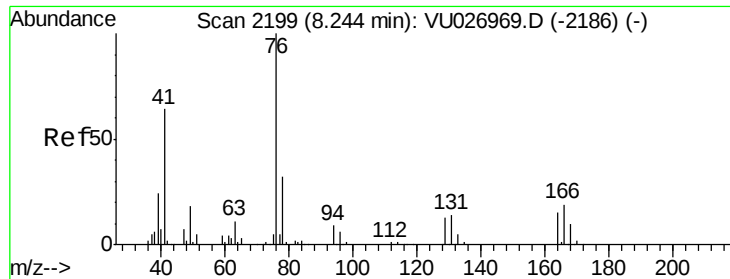
Tgt Ion:	97	Resp:	81277
Ion	Ratio	Lower	Upper
97	100		
83	89.0	73.1	109.7
85	57.8	46.7	70.1
99	63.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.965 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion:	69	Resp:	141505
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.0	88.4
39	34.0	30.2	45.4

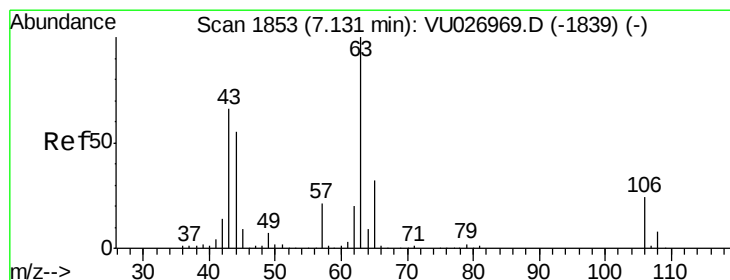
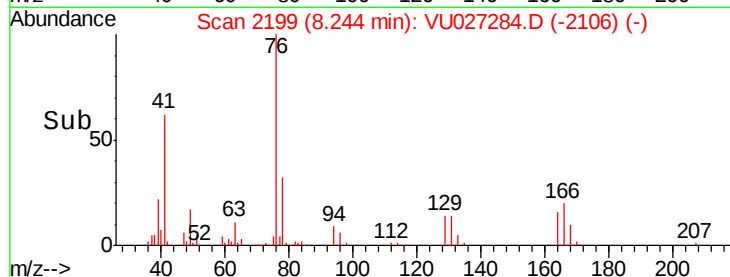
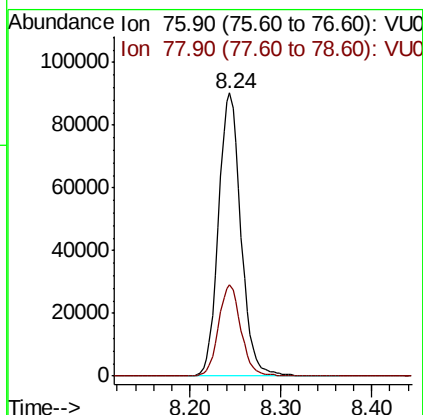
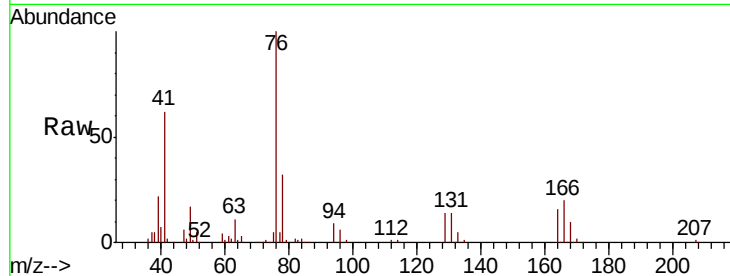




#57
 1,3-Dichloropropane
 Concen: 49.936 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

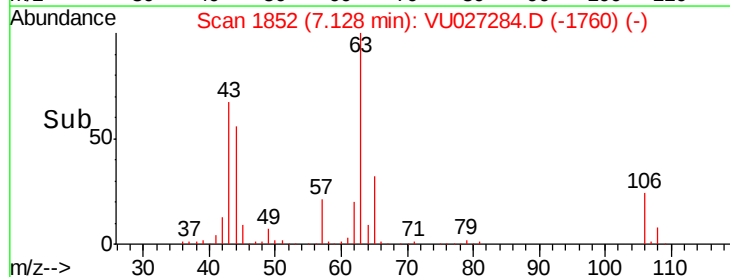
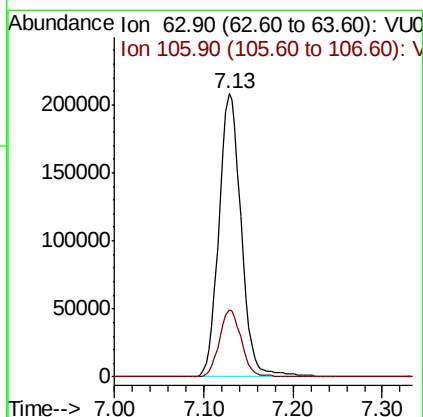
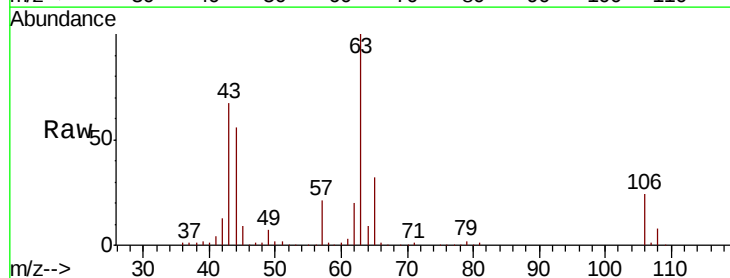
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

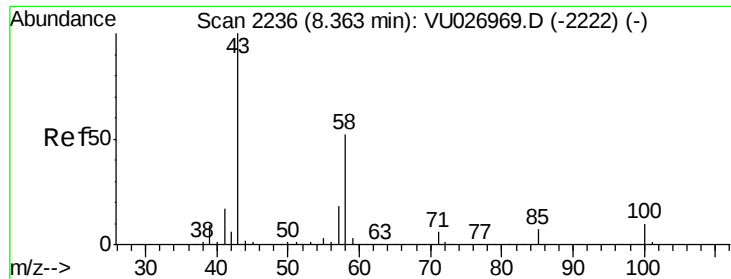
Tgt Ion: 76 Resp: 154844
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.042 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 63 Resp: 360267
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.7 28.1

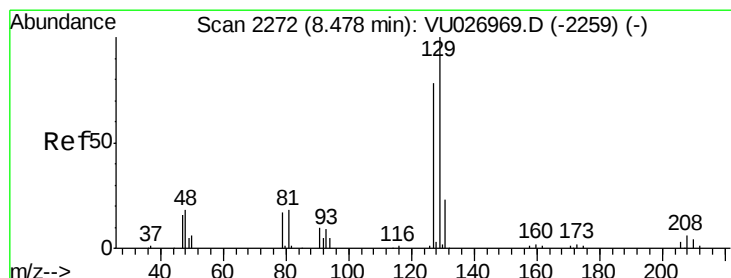
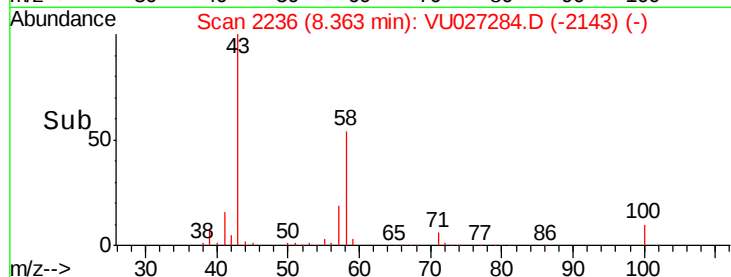
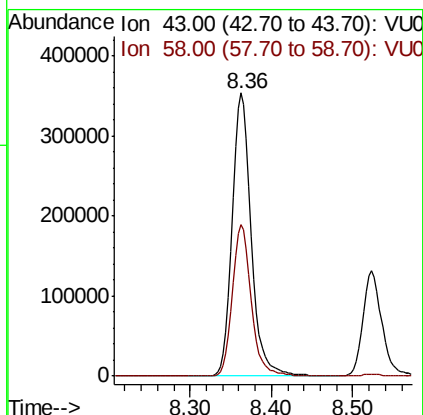
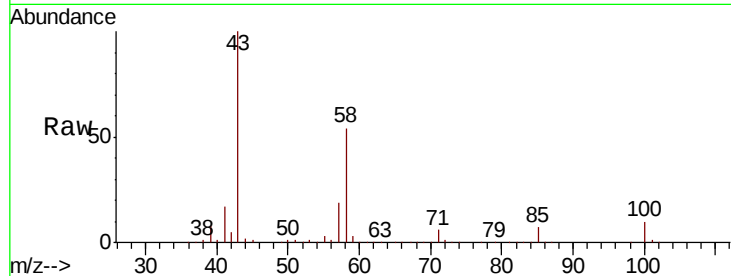




#59
2-Hexanone
Concen: 248.305 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

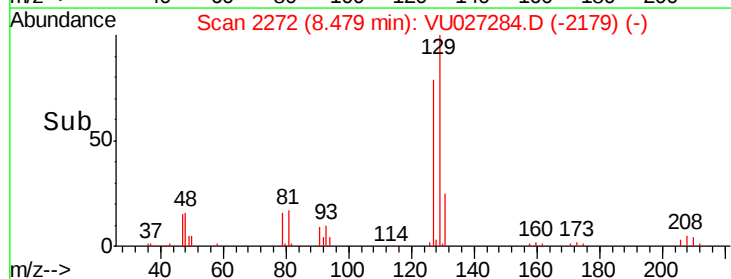
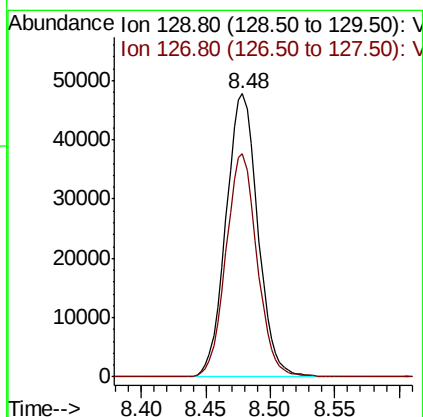
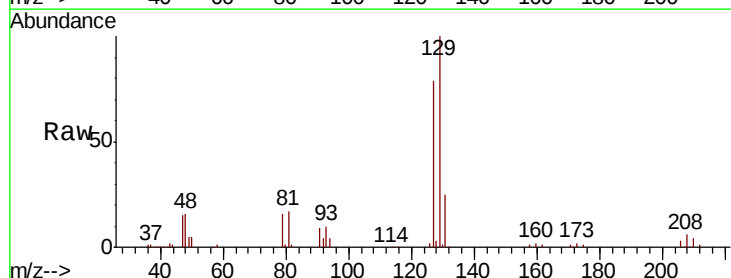
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 582755
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.2



#60
Dibromochloromethane
Concen: 50.159 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 129 Resp: 82027
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

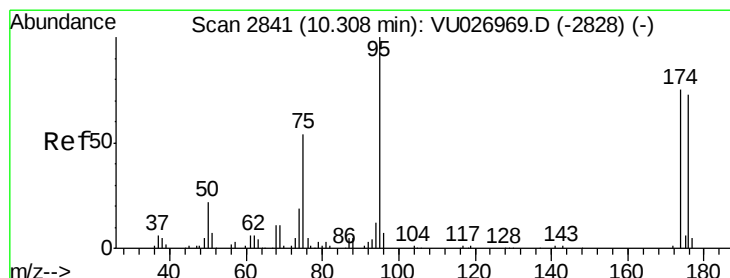
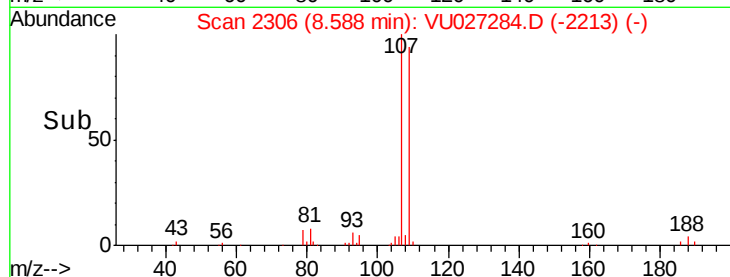
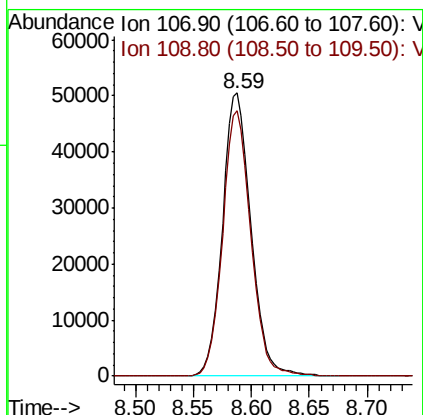
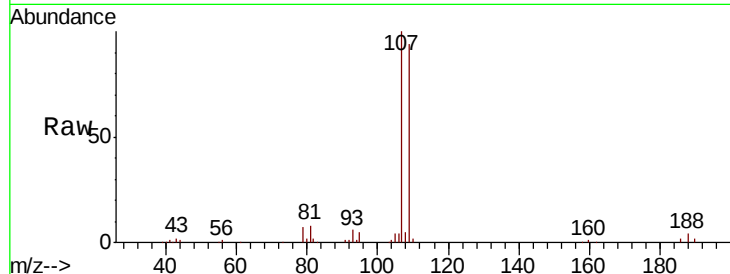




#61
 1,2-Dibromoethane
 Concen: 49.731 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

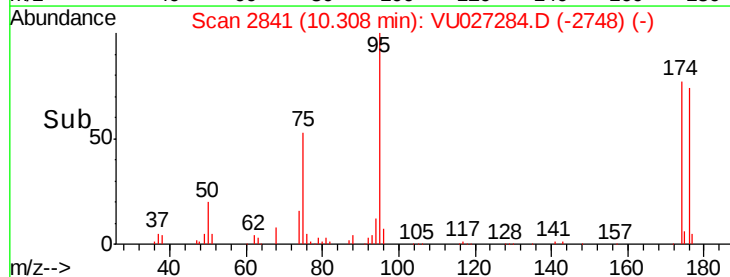
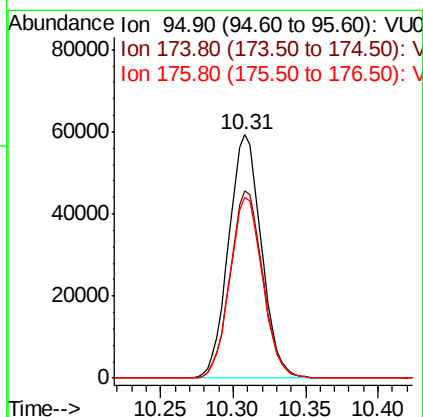
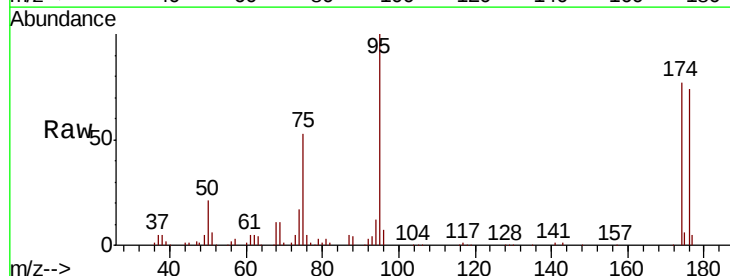
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

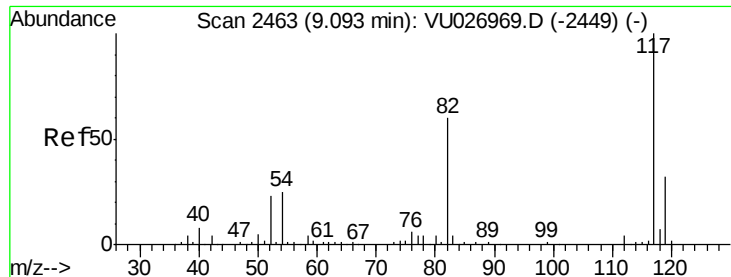
Tgt Ion: 107 Resp: 86266
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.531 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 95 Resp: 93071
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.2
 176 74.5 0.0 145.2

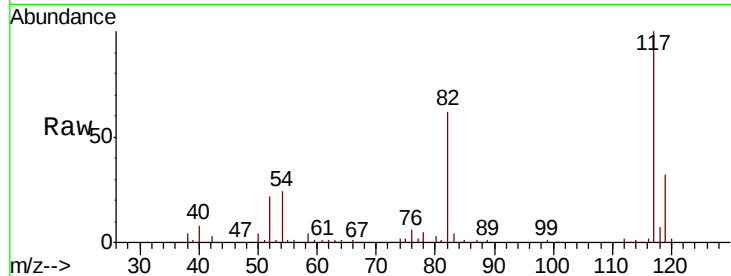




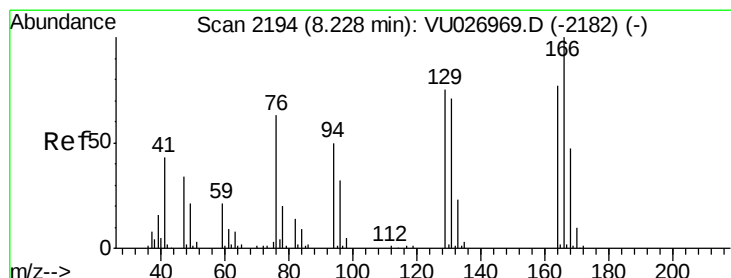
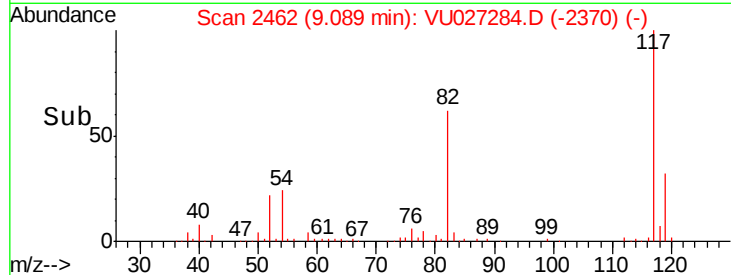
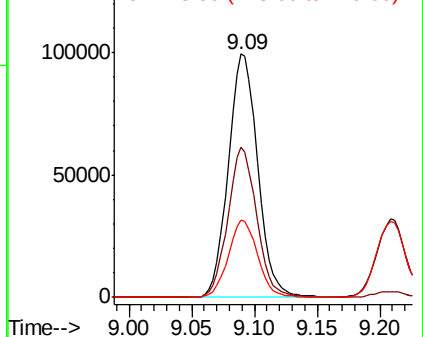
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 162604
Ion Ratio Lower Upper
117 100
82 61.5 48.0 72.0
119 31.6 25.8 38.8



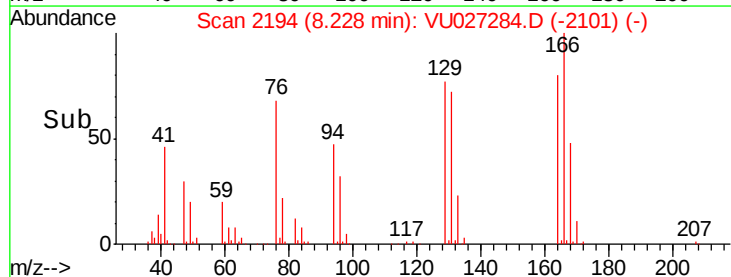
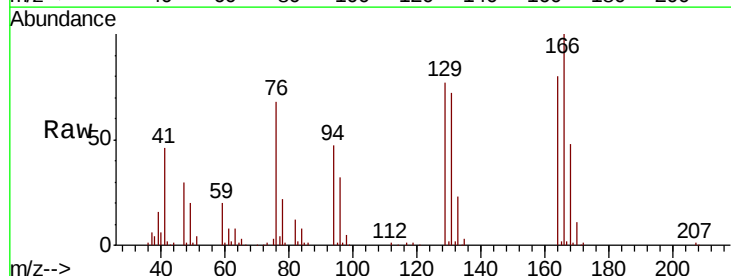
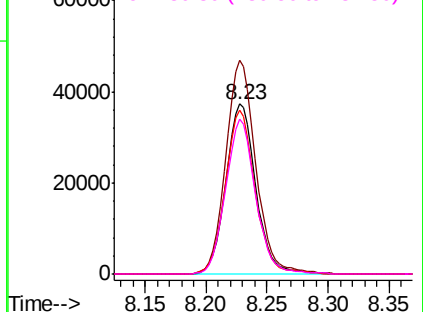
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

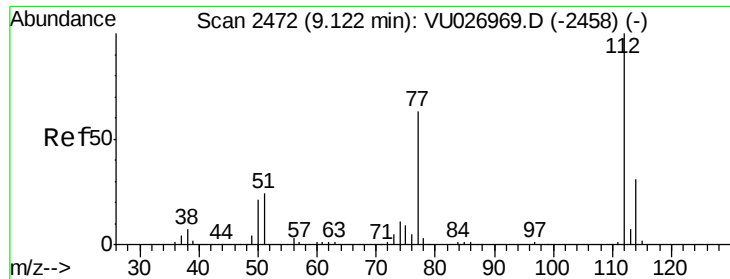


#64
Tetrachloroethene
Concen: 51.252 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion:164 Resp: 64218
Ion Ratio Lower Upper
164 100
166 125.7 104.4 156.6
129 96.7 78.7 118.1
131 90.9 73.9 110.9

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

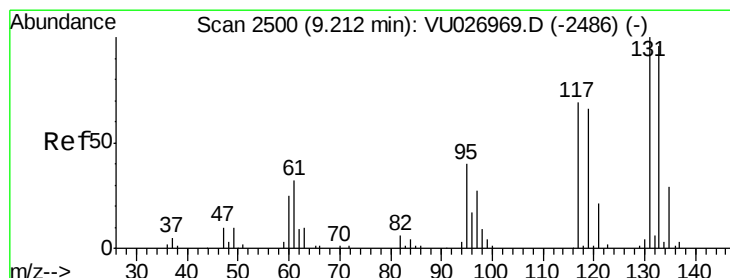
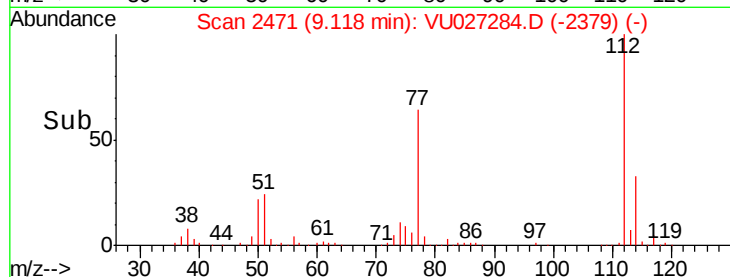
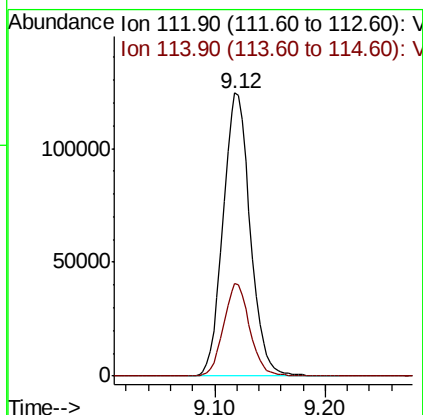
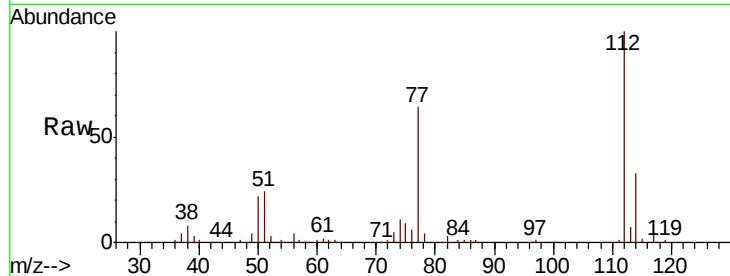




#65
Chlorobenzene
Concen: 49.266 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

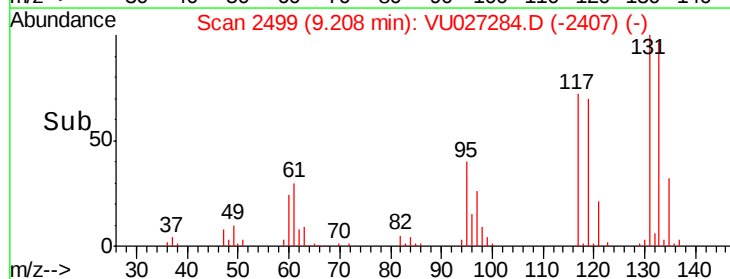
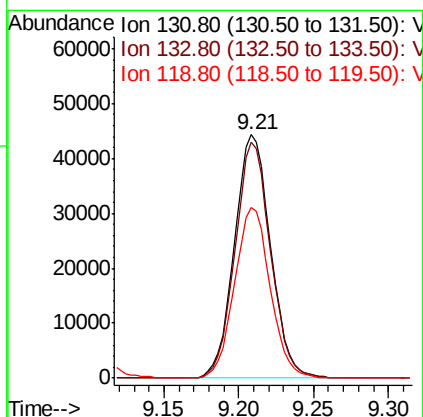
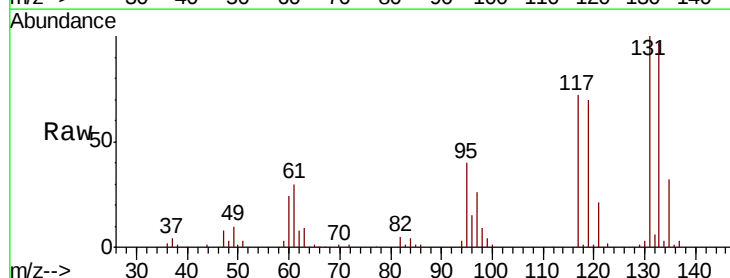
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

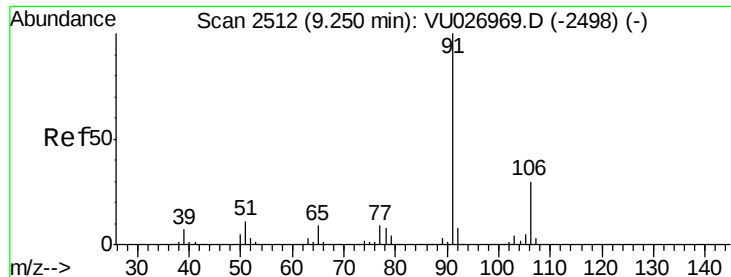
Tgt Ion:112 Resp: 212409
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.259 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion:131 Resp: 74635
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 69.3 33.4 100.1

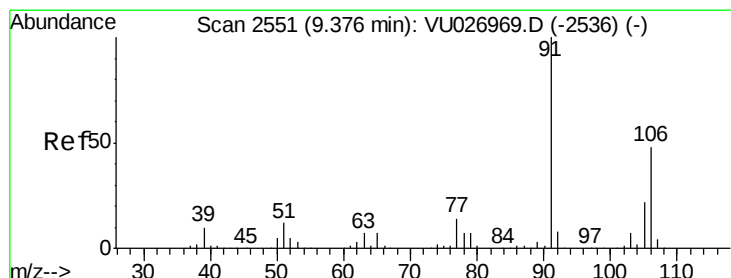
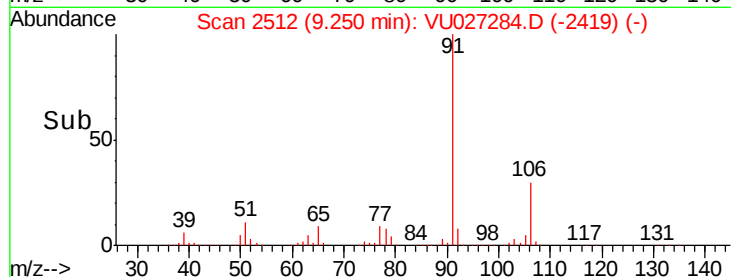
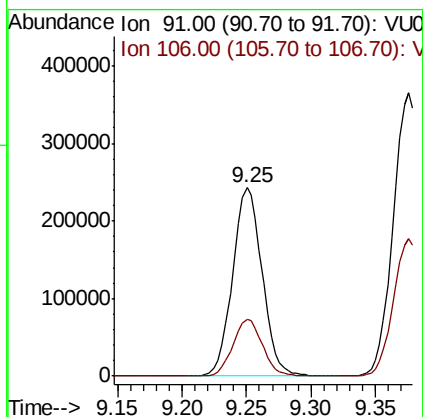
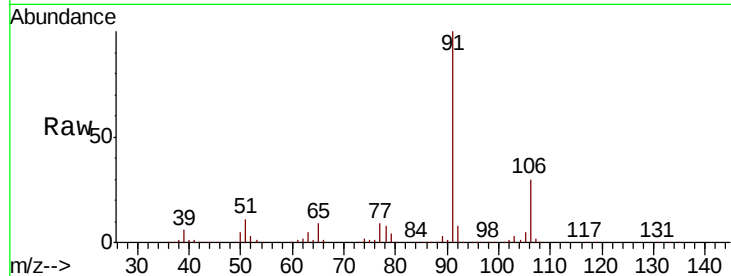




#67
Ethyl Benzene
Concen: 54.541 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

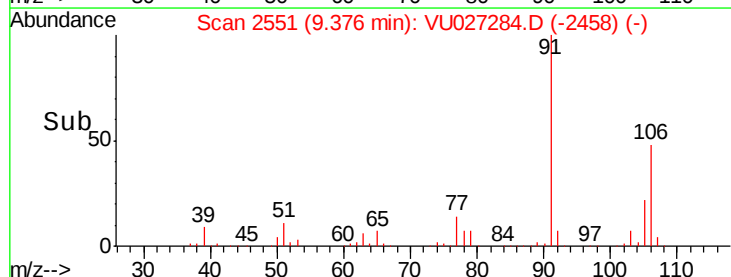
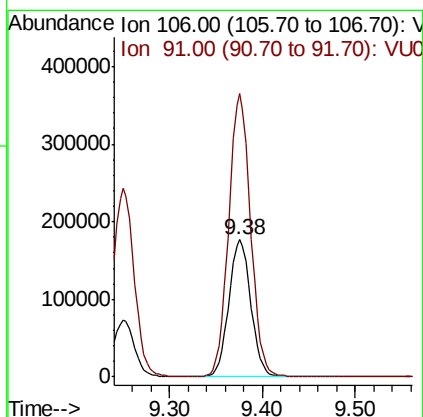
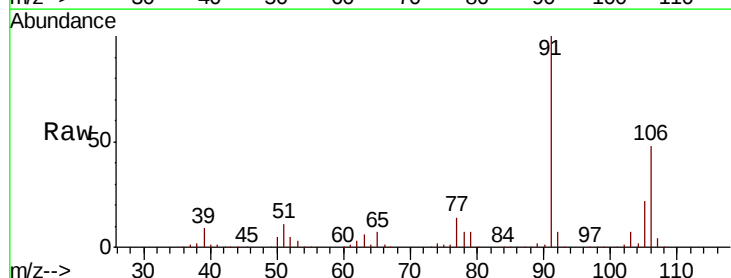
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 386683
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 101.384 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion: 106 Resp: 291157
Ion Ratio Lower Upper
106 100
91 204.8 166.5 249.7

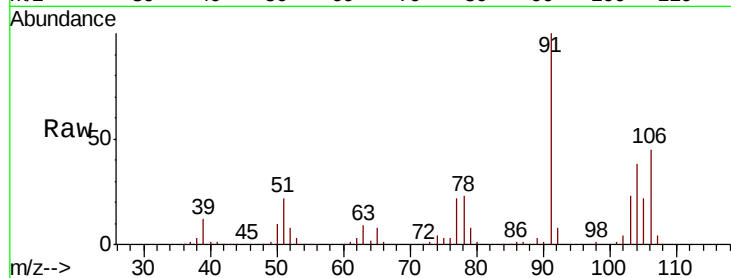




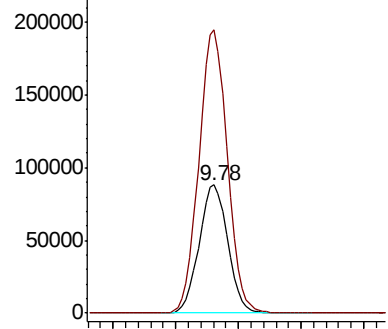
#69
o-Xylene
Concen: 55.625 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

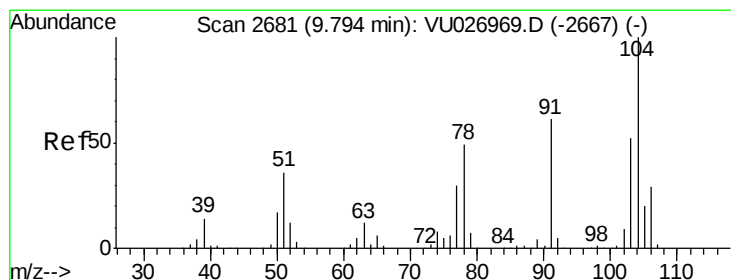
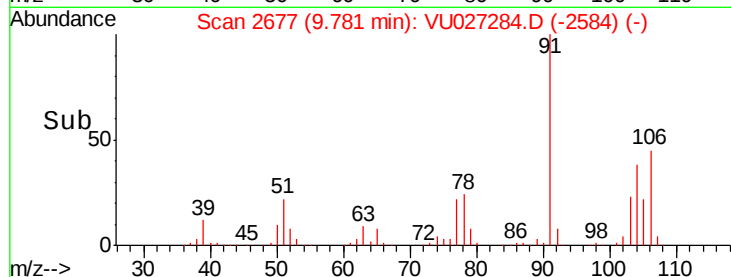
Tgt Ion:106 Resp: 139729
Ion Ratio Lower Upper
106 100
91 219.2 110.2 330.6



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

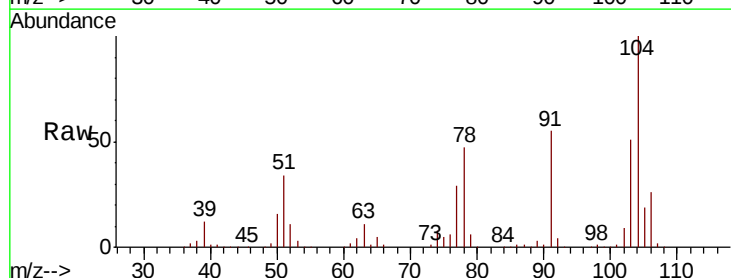


Time-->

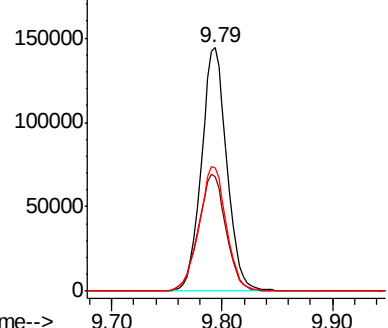


#70
Styrene
Concen: 49.089 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

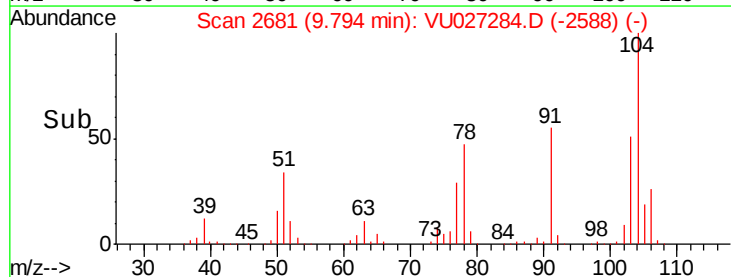
Tgt Ion:104 Resp: 230079
Ion Ratio Lower Upper
104 100
78 52.3 43.0 64.4
103 54.9 44.1 66.1

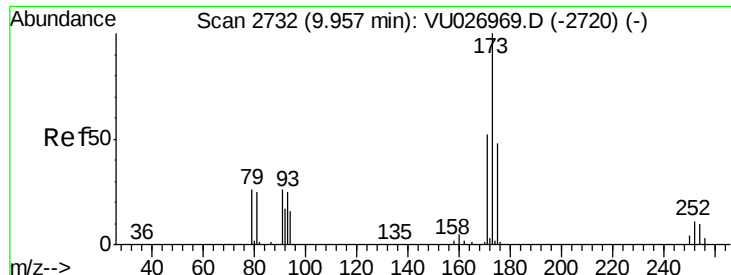


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

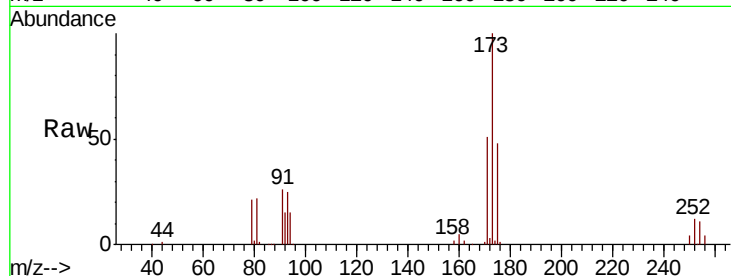




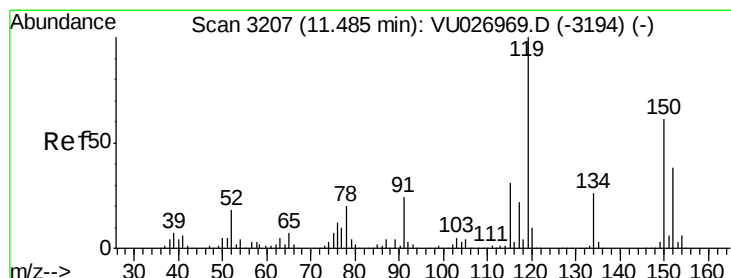
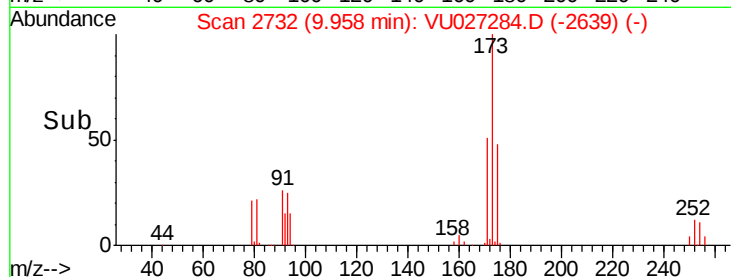
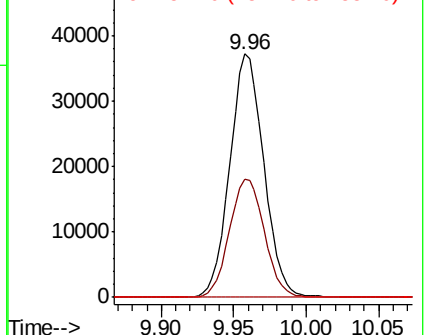
#71
Bromoform
Concen: 52.700 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 60519
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.8
254 0.0 0.0 0.0

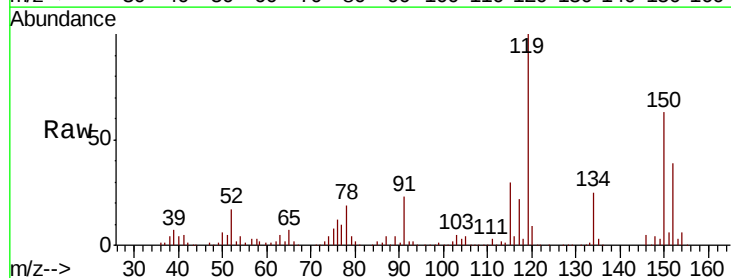


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

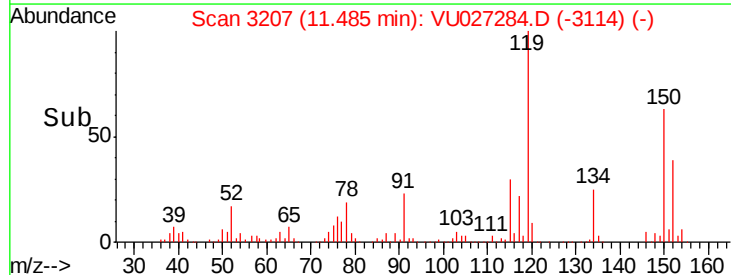
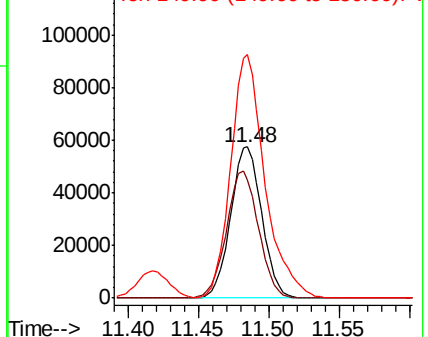


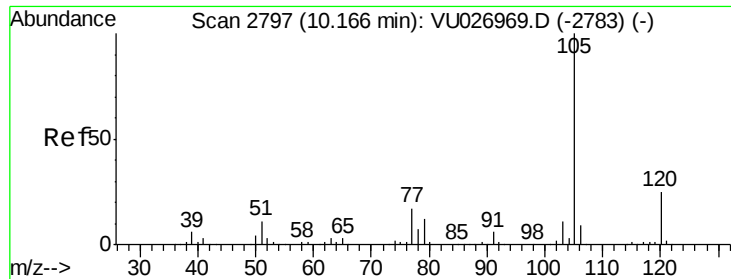
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027284.D
Acq: 28 Sep 2018 20:31

Tgt Ion:152 Resp: 88625
Ion Ratio Lower Upper
152 100
115 86.8 44.9 134.5
150 177.5 0.0 355.8



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: 55.412 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

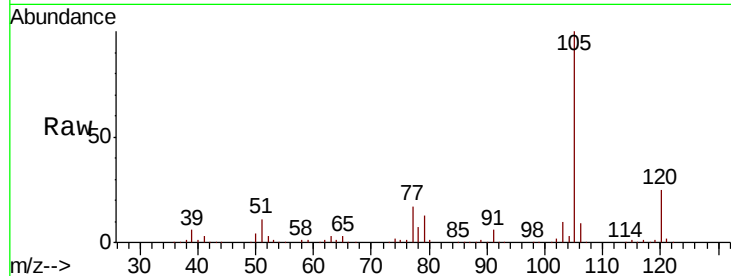
VSTDCCC050

Tgt Ion: 105 Resp: 373567

Ion Ratio Lower Upper

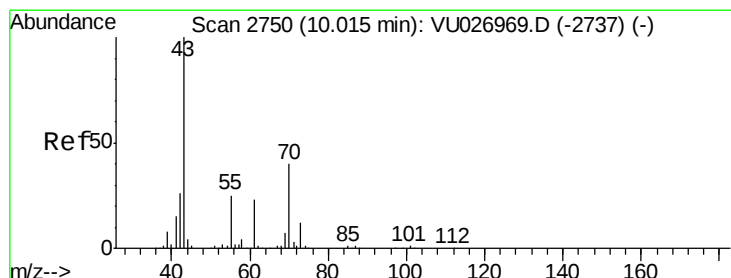
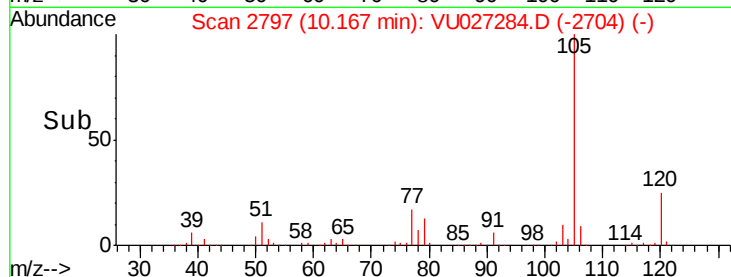
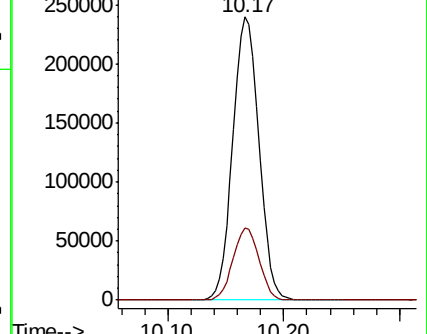
105 100

120 25.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.942 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Tgt Ion: 43 Resp: 206598

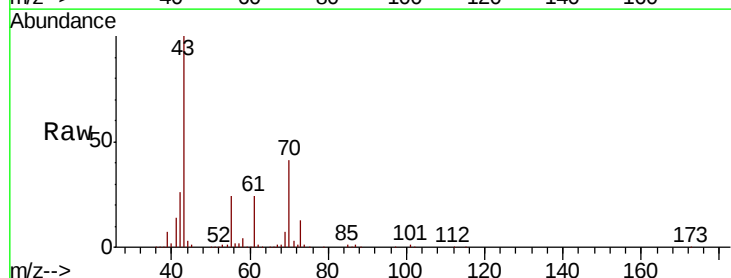
Ion Ratio Lower Upper

43 100

70 40.6 31.8 47.8

55 24.1 19.9 29.9

61 23.5 18.4 27.6

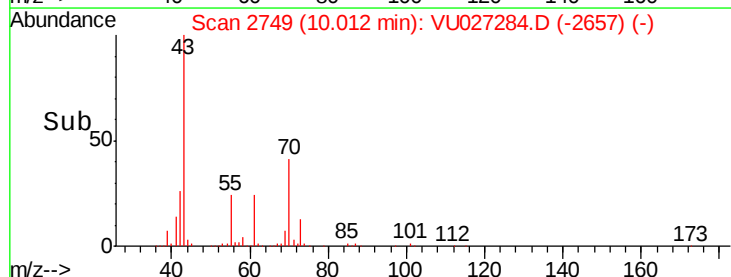
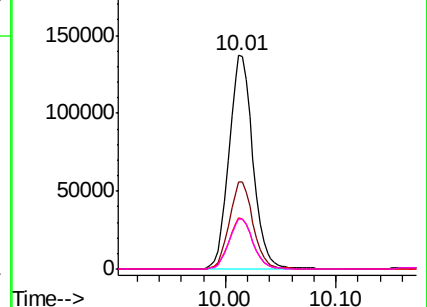


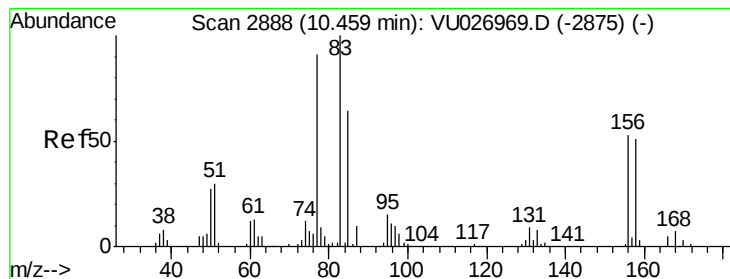
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 45.053 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

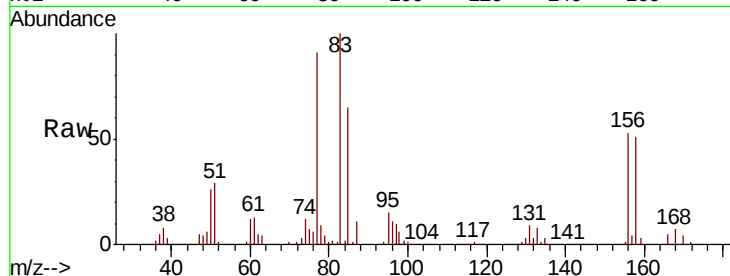
Tgt Ion: 83 Resp: 139647

Ion Ratio Lower Upper

83 100

131 9.1 4.3 12.8

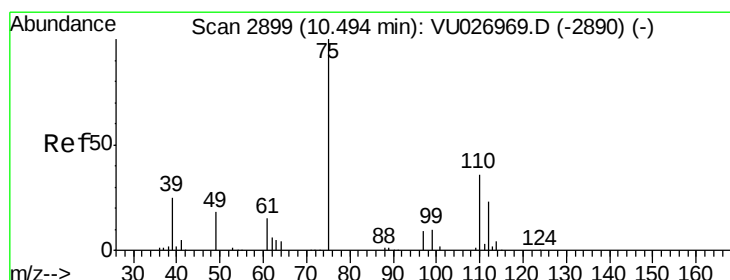
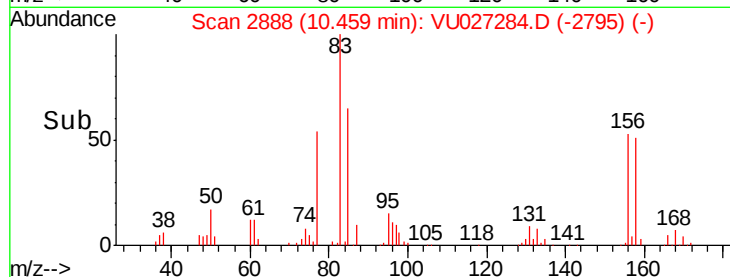
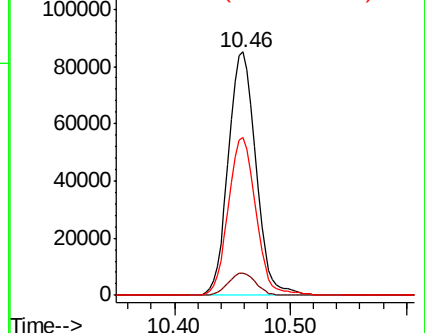
85 64.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 60.794 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027284.D

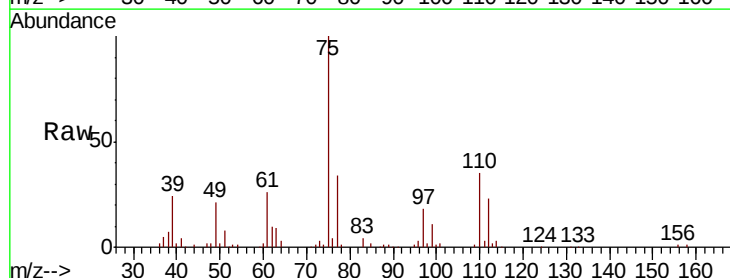
Acq: 28 Sep 2018 20:31

Tgt Ion: 75 Resp: 163681

Ion Ratio Lower Upper

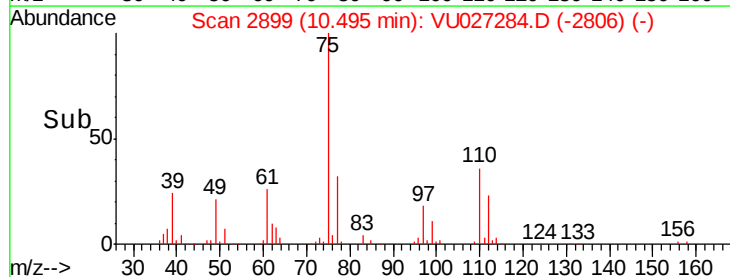
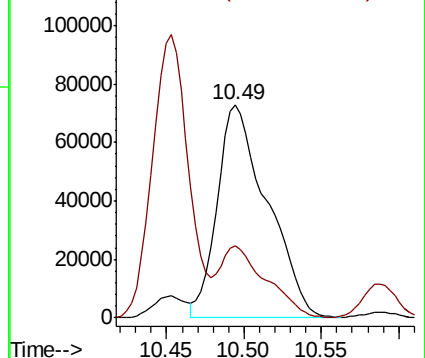
75 100

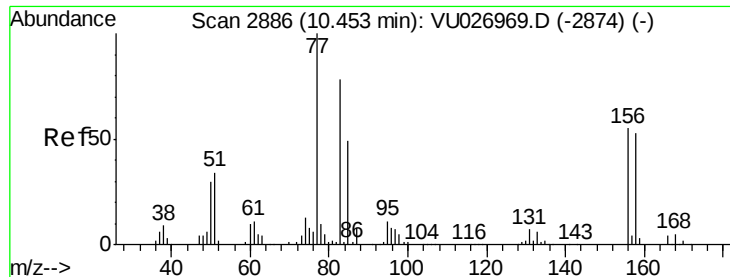
77 31.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2890) (-)





#77

Bromobenzene

Concen: 51.997 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

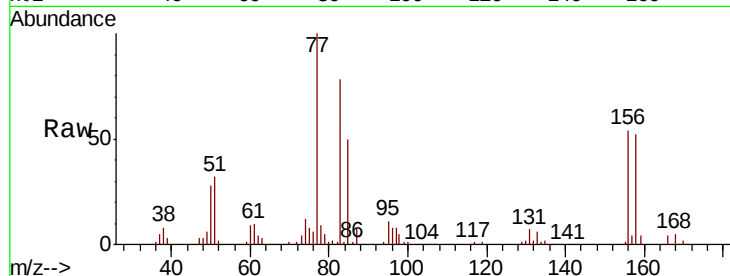
Tgt Ion:156 Resp: 85661

Ion Ratio Lower Upper

156 100

77 183.6 92.3 276.9

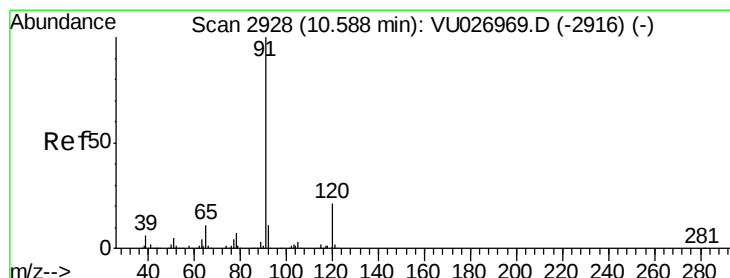
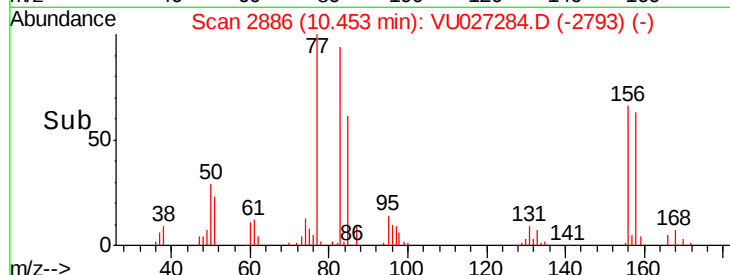
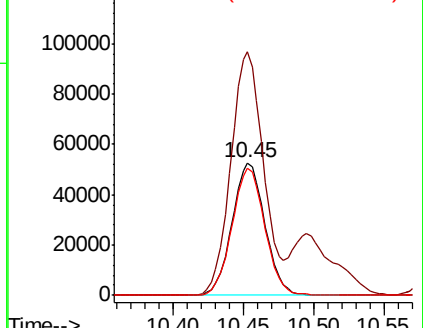
158 96.2 48.1 144.3



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: 56.141 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027284.D

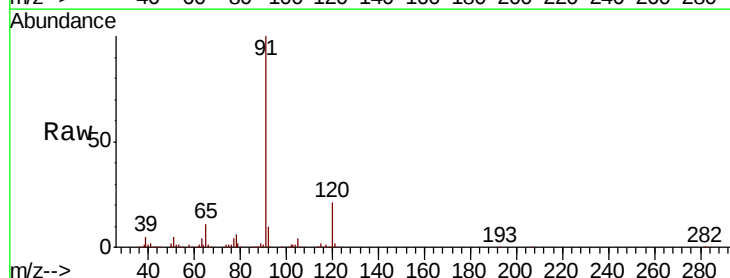
Acq: 28 Sep 2018 20:31

Tgt Ion: 91 Resp: 447827

Ion Ratio Lower Upper

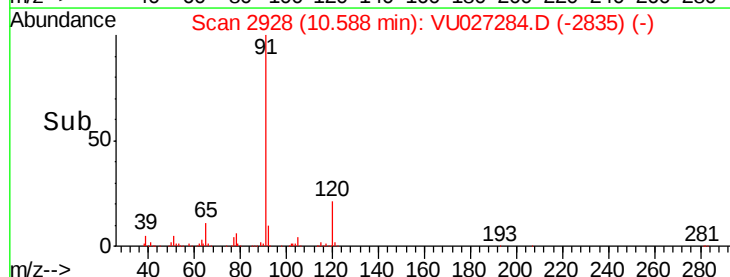
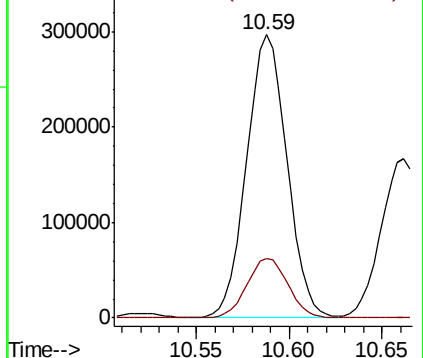
91 100

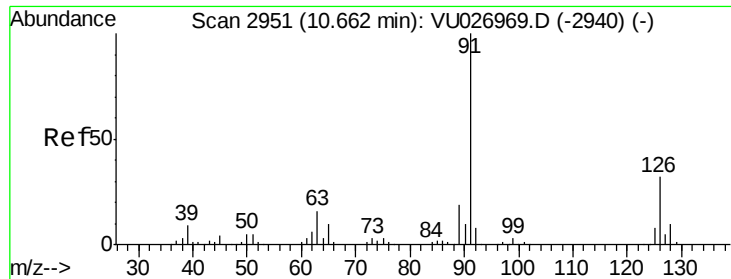
120 21.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

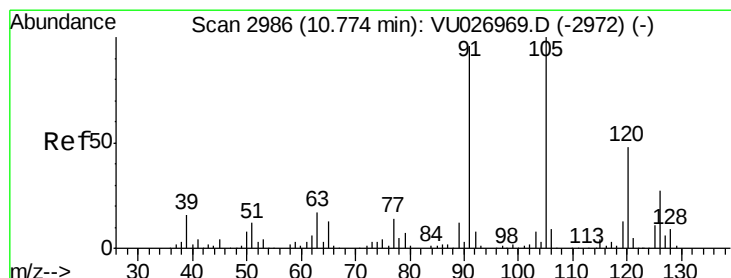
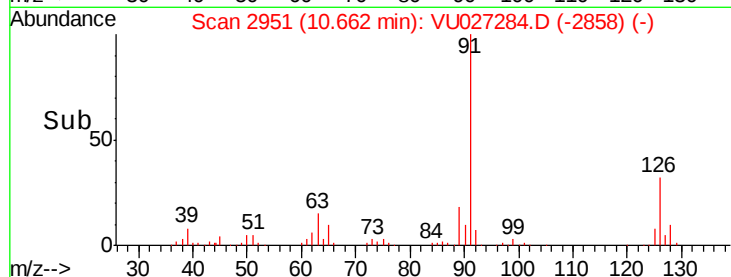
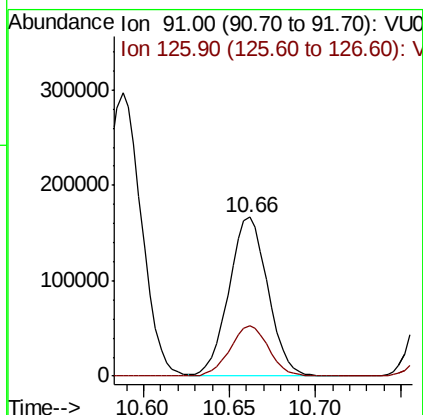
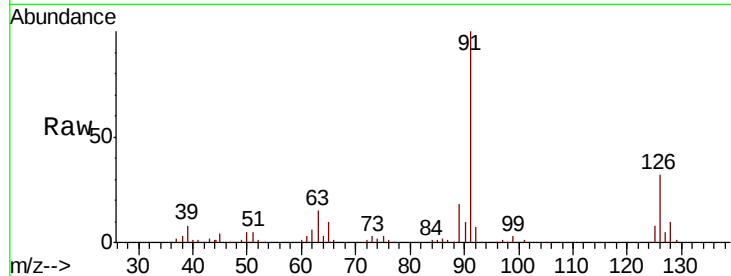




#79
 2-Chlorotoluene
 Concen: 52.137 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

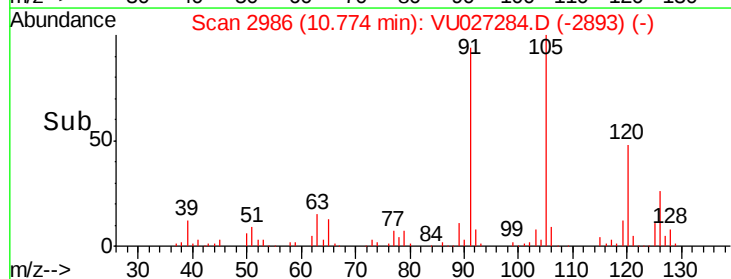
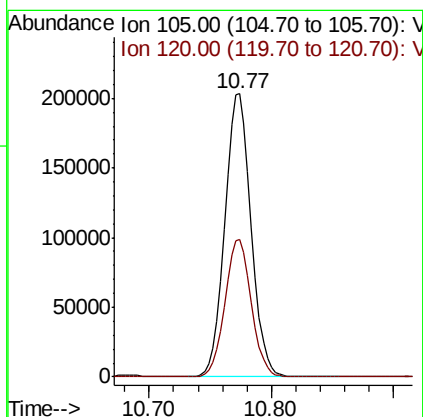
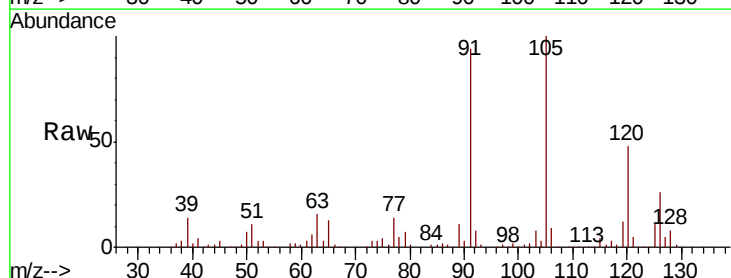
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

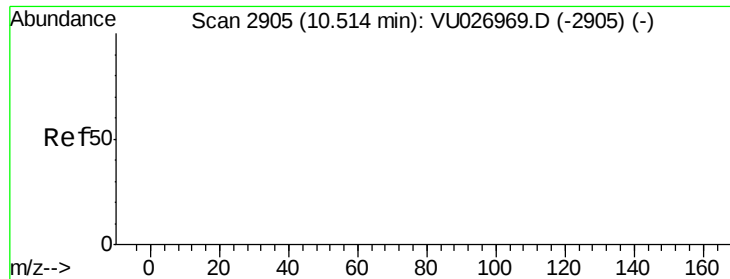
Tgt Ion: 91 Resp: 261231
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.086 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion: 105 Resp: 306553
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 194.550 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

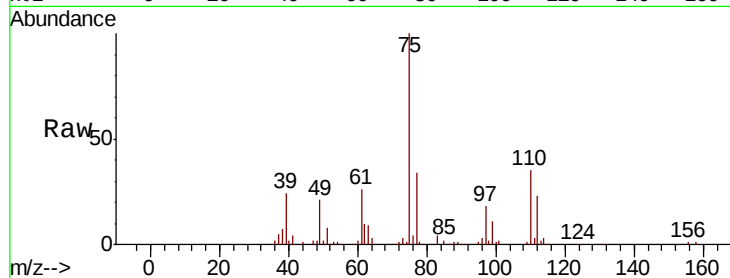
Tgt Ion: 75 Resp: 163681

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

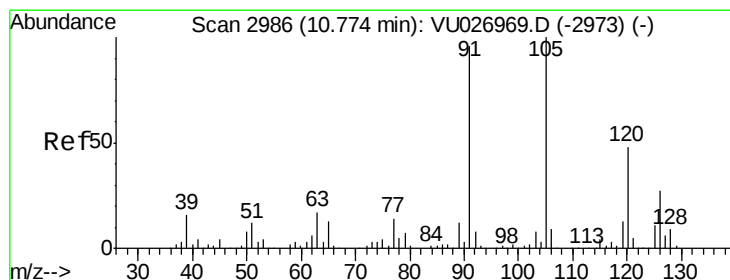
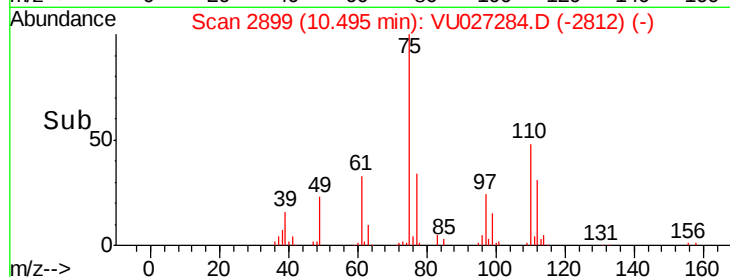
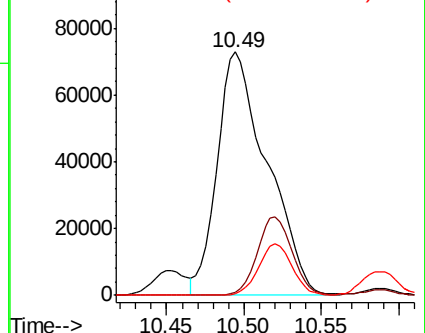
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2905) (-)

Ion 53.00 (52.70 to 53.70): VU026969.D (-2905) (-)

Ion 88.90 (88.60 to 89.60): VU026969.D (-2905) (-)



#82

4-Chlorotoluene

Concen: 53.315 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027284.D

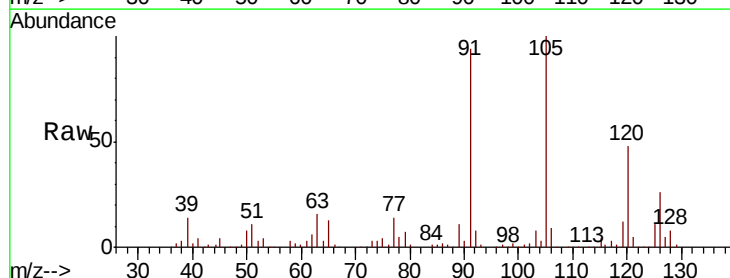
Acq: 28 Sep 2018 20:31

Tgt Ion: 91 Resp: 299533

Ion Ratio Lower Upper

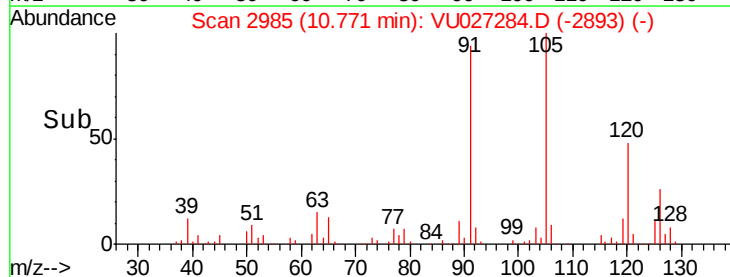
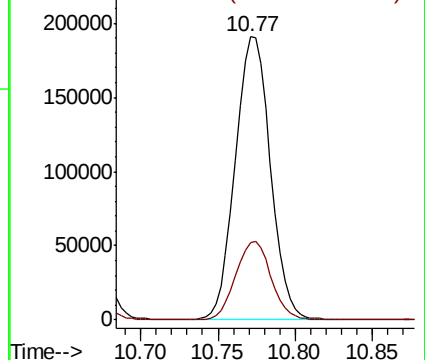
91 100

126 28.2 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2973) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2973) (-)

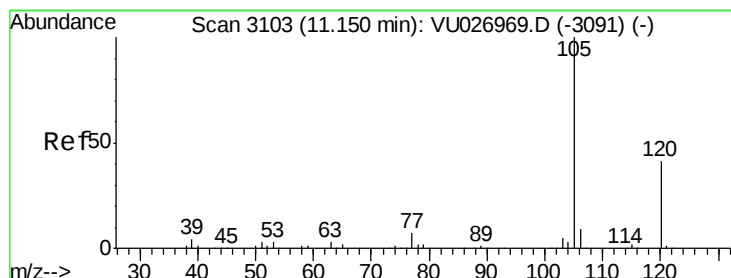
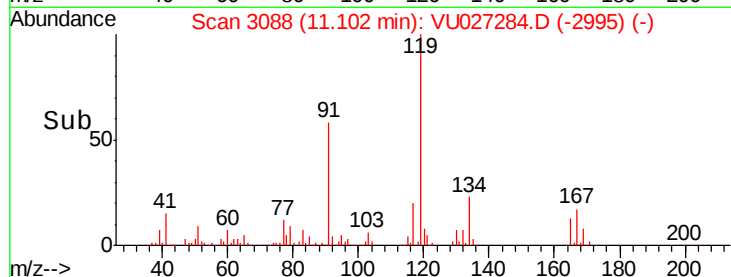
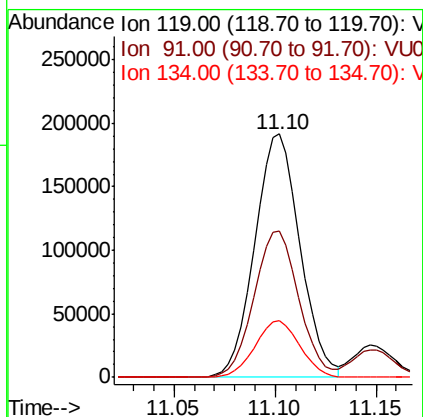
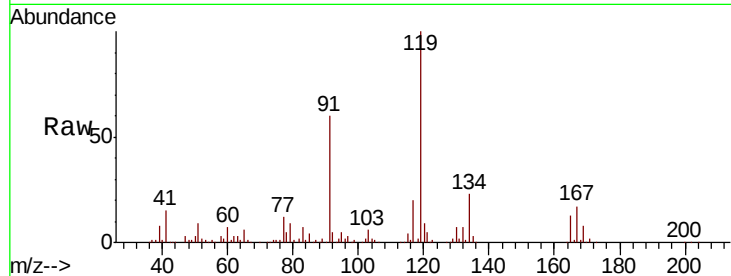




#83
 tert-Butylbenzene
 Concen: 54.532 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

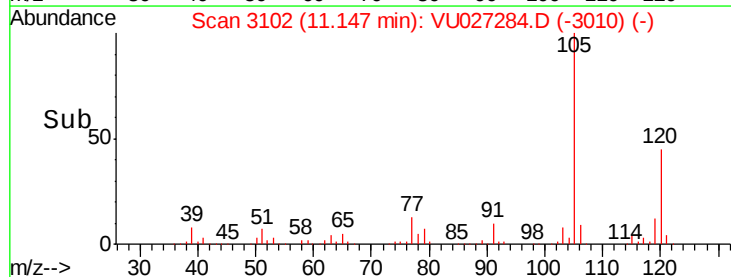
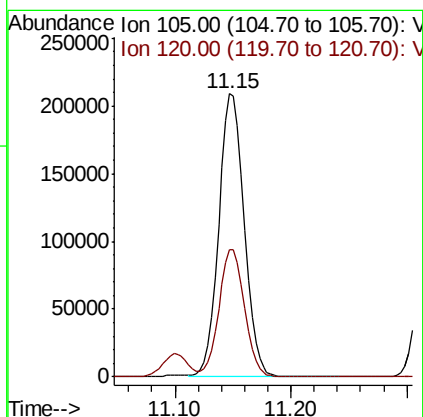
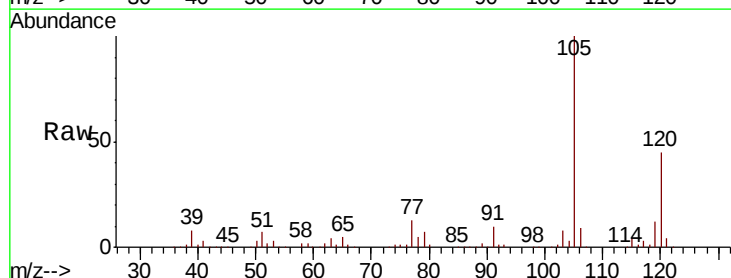
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

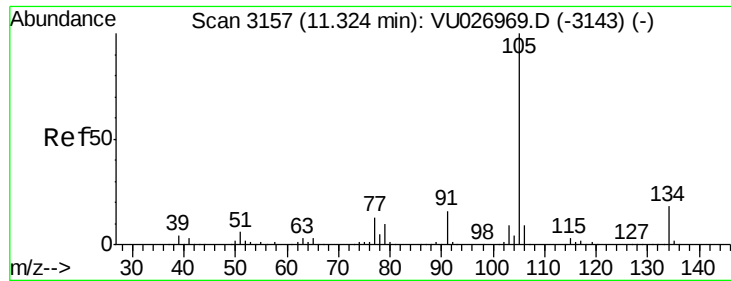
Tgt Ion:119 Resp: 300030
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.8 89.4
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.991 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion:105 Resp: 317106
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.2

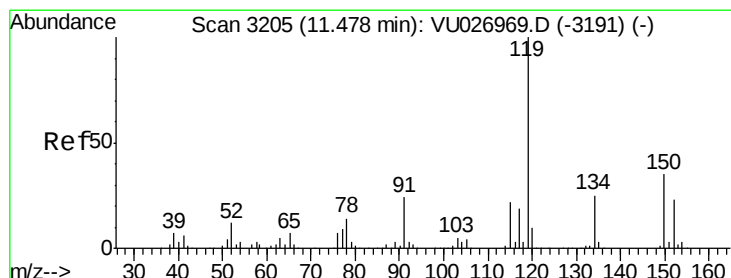
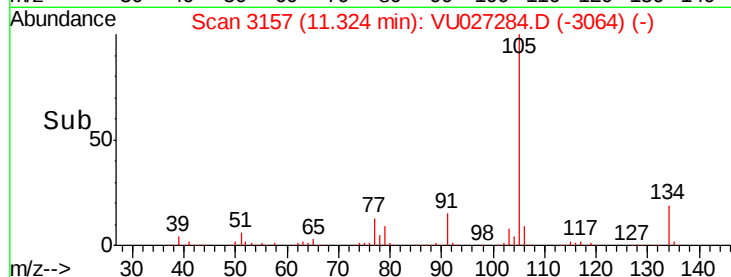
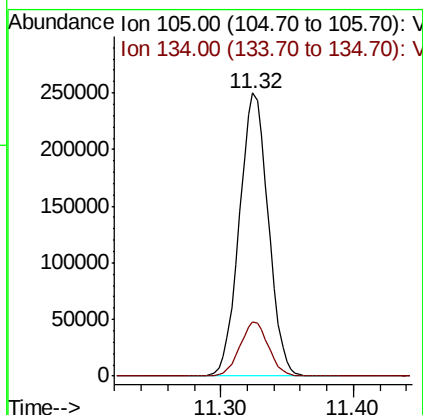
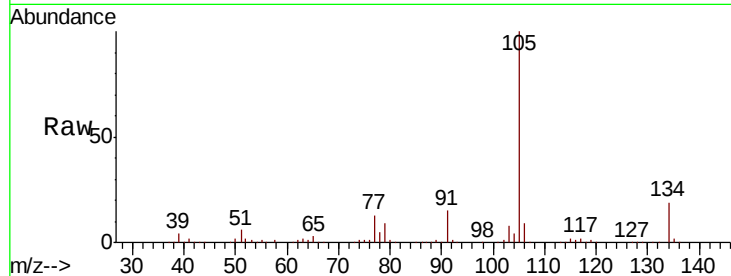




#85
 sec-Butylbenzene
 Concen: 56.307 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

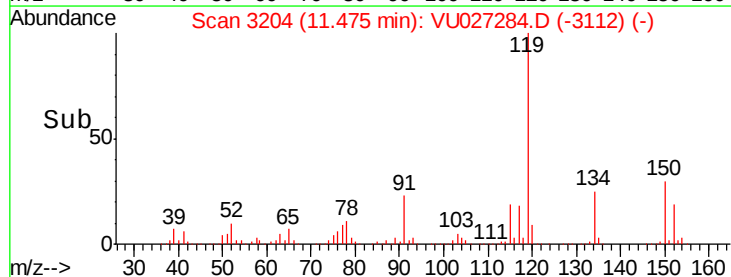
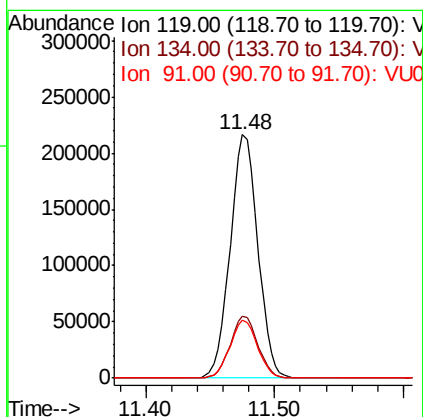
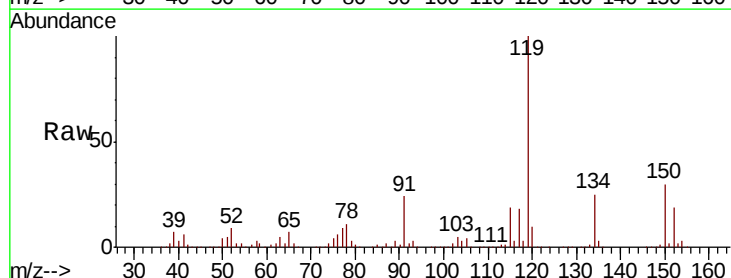
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 378168
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.037 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion:119 Resp: 321758
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 23.7 12.3 36.8

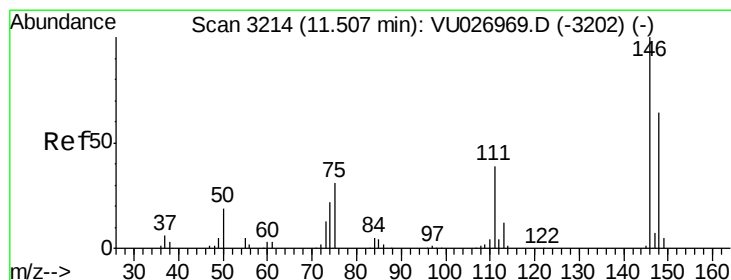
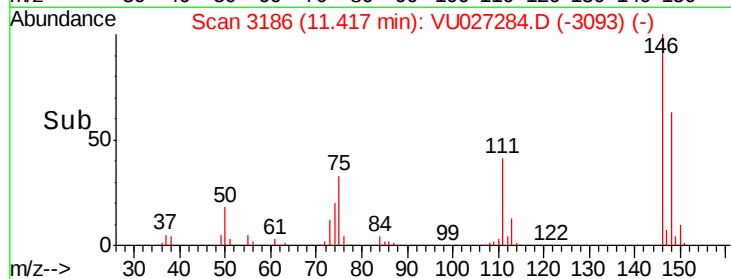
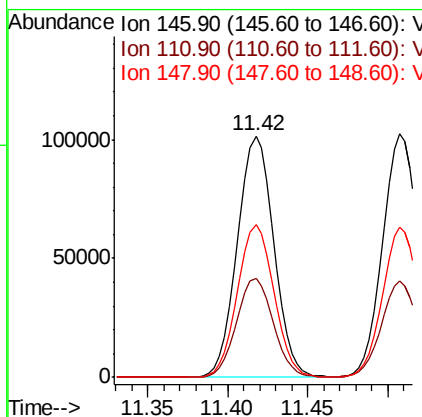
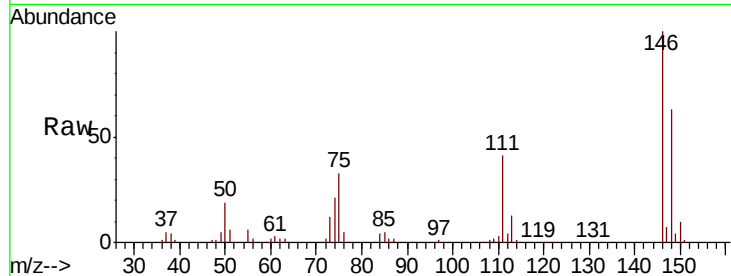




#87
 1,3-Dichlorobenzene
 Concen: 51.398 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

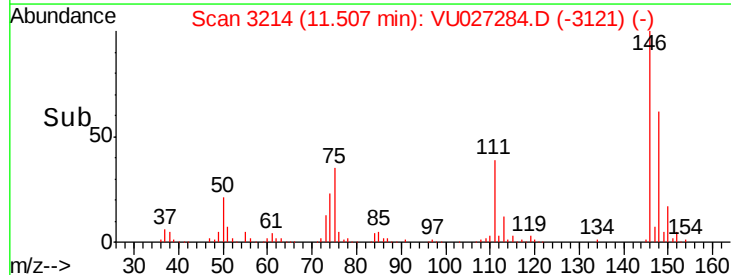
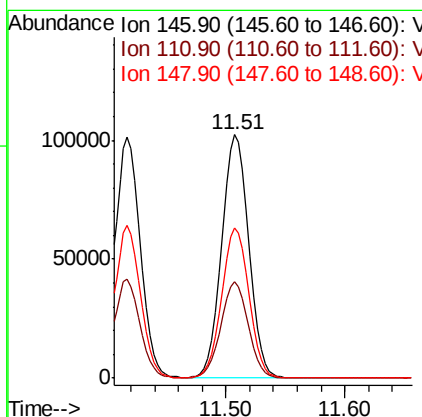
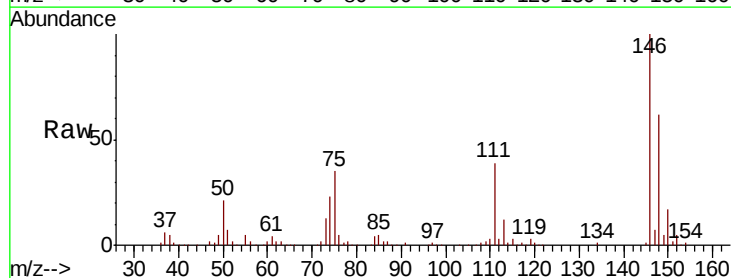
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

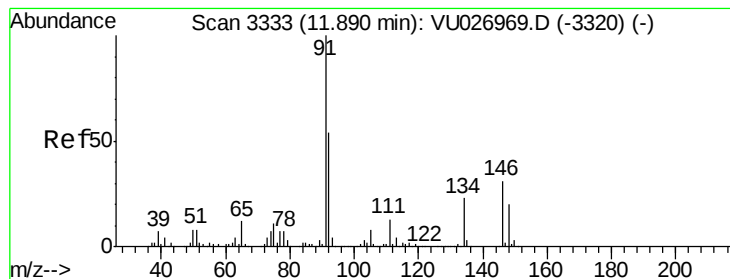
Tgt Ion:146 Resp: 157570
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.2
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.311 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion:146 Resp: 161419
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 62.2 31.9 95.9





#89

n-Butylbenzene

Concen: 48.591 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

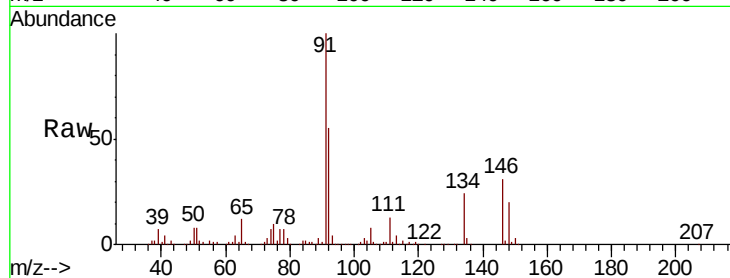
Tgt Ion: 91 Resp: 296414

Ion Ratio Lower Upper

91 100

92 54.7 27.1 81.2

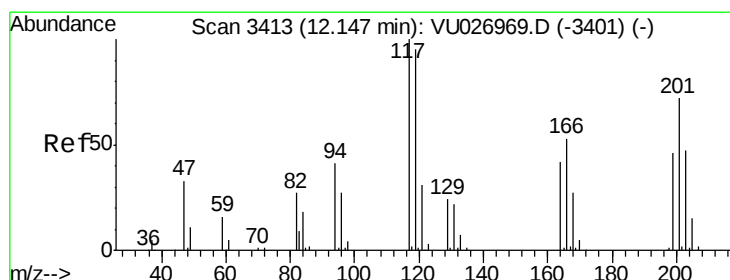
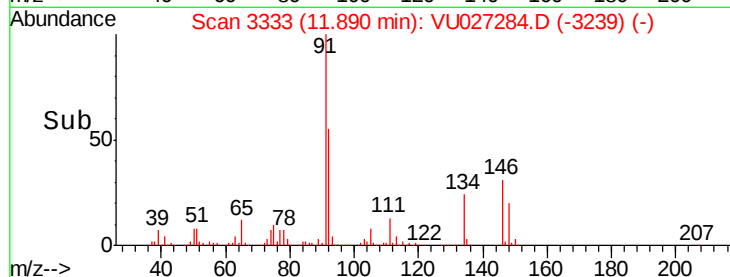
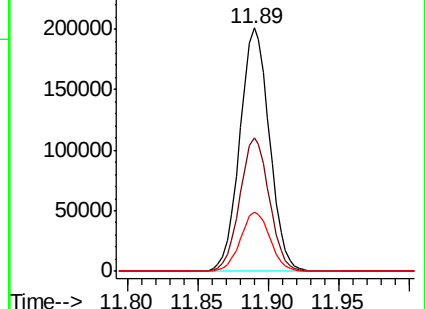
134 24.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 45.786 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027284.D

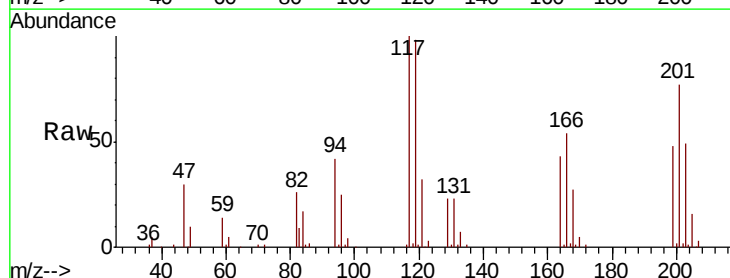
Acq: 28 Sep 2018 20:31

Tgt Ion: 117 Resp: 55919

Ion Ratio Lower Upper

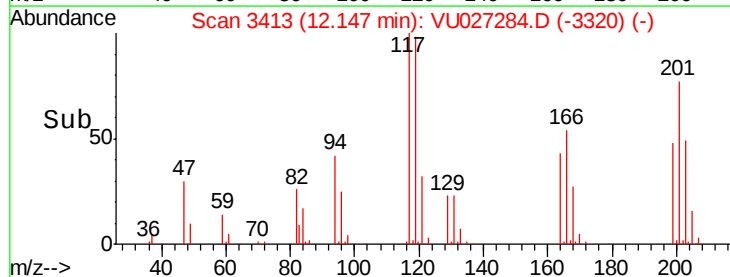
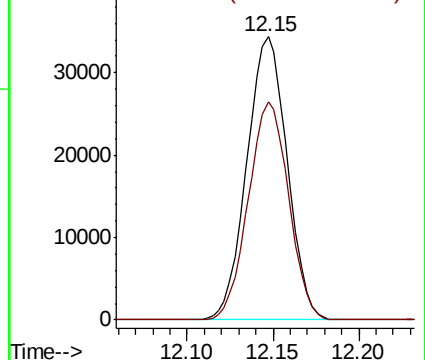
117 100

201 76.8 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





#91

1,2-Dichlorobenzene

Concen: 48.863 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

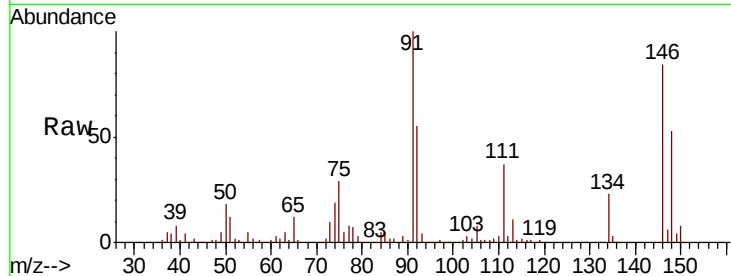
Tgt Ion: 146 Resp: 159124

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

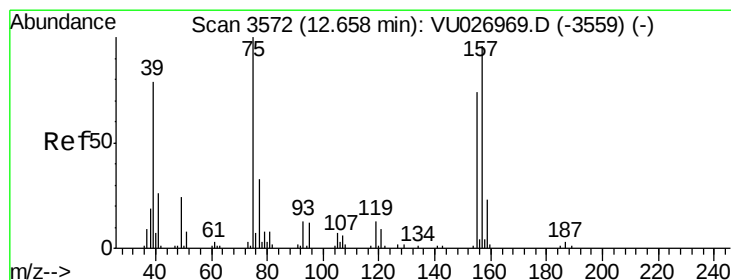
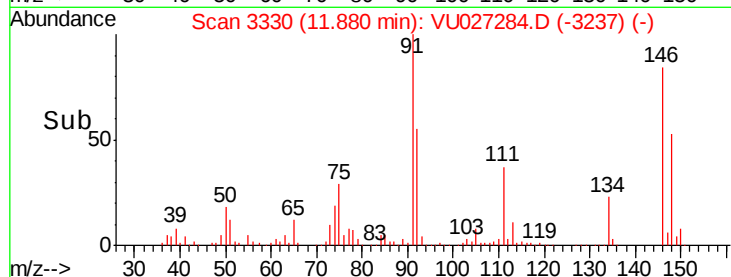
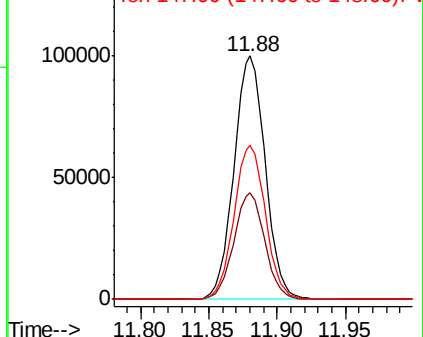
148 63.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.142 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

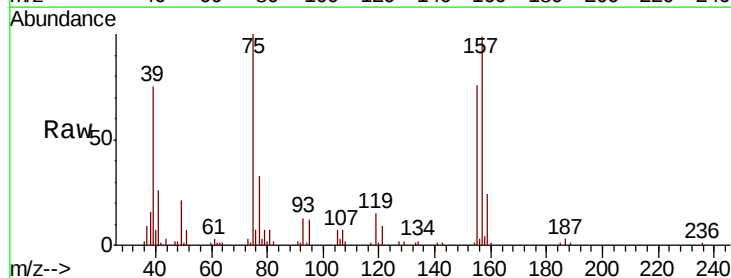
Tgt Ion: 75 Resp: 31074

Ion Ratio Lower Upper

75 100

155 78.4 36.6 109.8

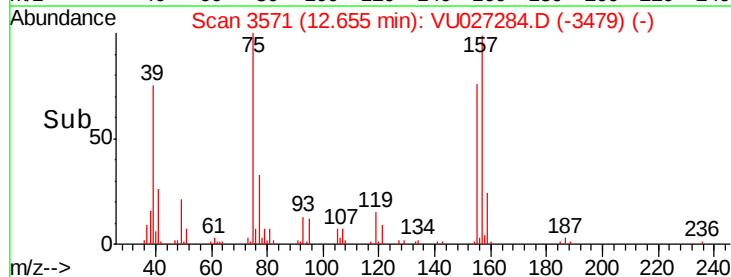
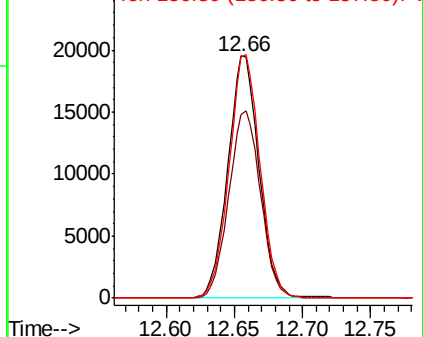
157 99.5 47.4 142.2

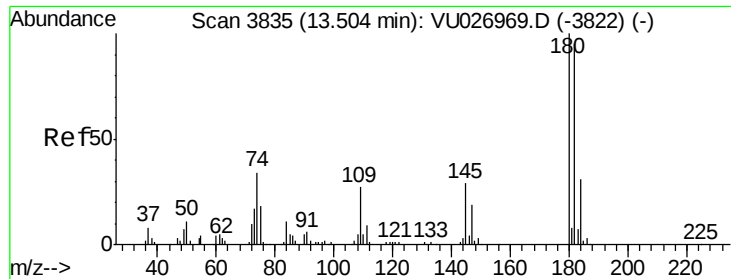


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

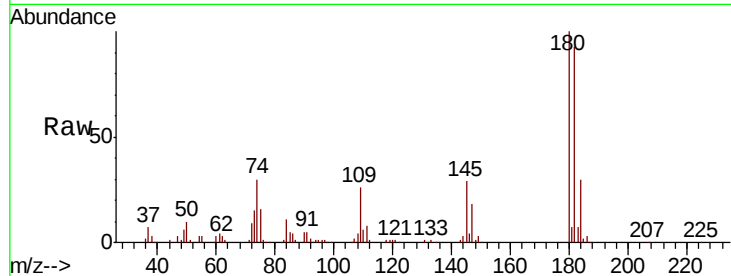




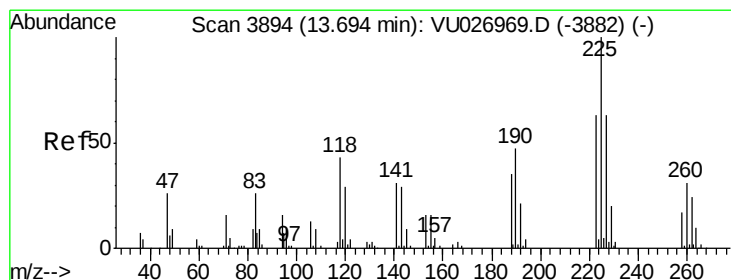
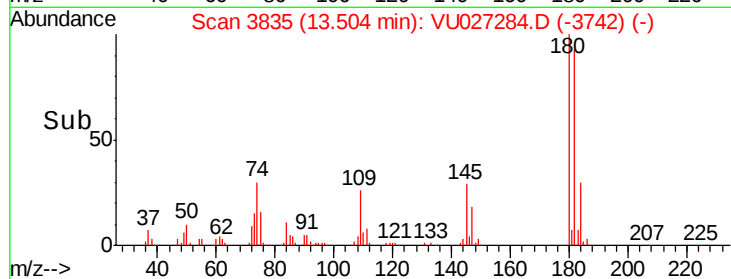
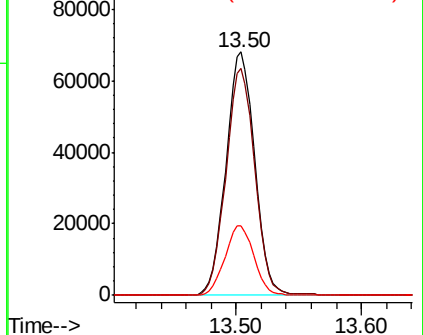
#93
 1,2,4-Trichlorobenzene
 Concen: 57.611 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 108114
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.4 142.2
 145 28.7 14.9 44.5

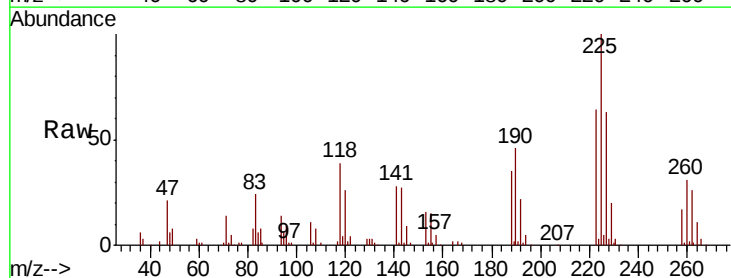


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

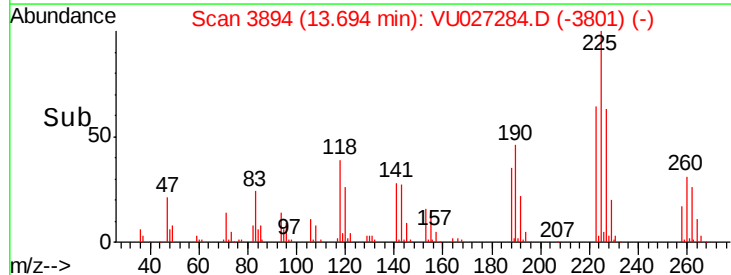
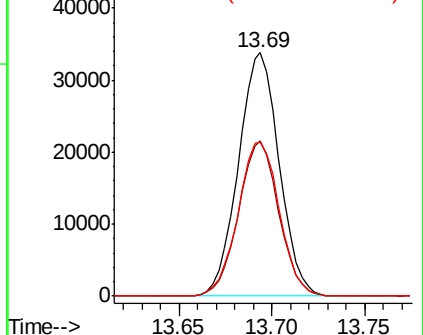


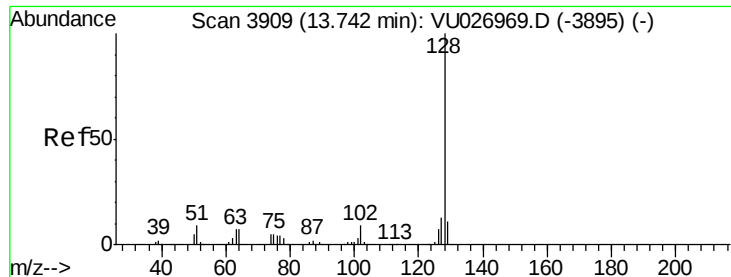
#94
 Hexachlorobutadiene
 Concen: 51.888 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027284.D
 Acq: 28 Sep 2018 20:31

Tgt Ion:225 Resp: 51522
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.7
 227 64.4 32.1 96.5



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





#95

Naphthalene

Concen: 50.094 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

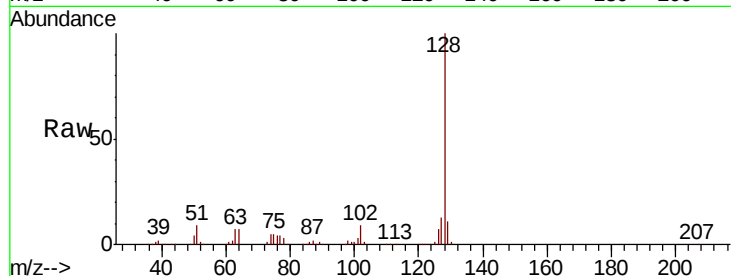
Tgt Ion:128 Resp: 367578

Ion Ratio Lower Upper

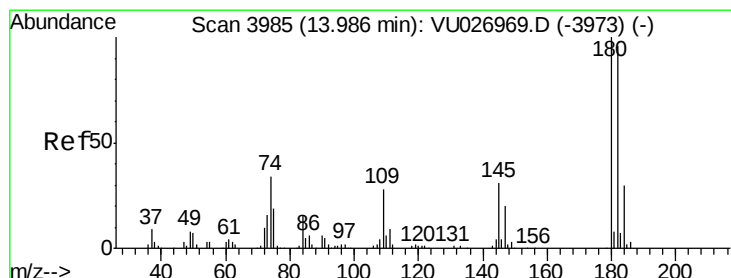
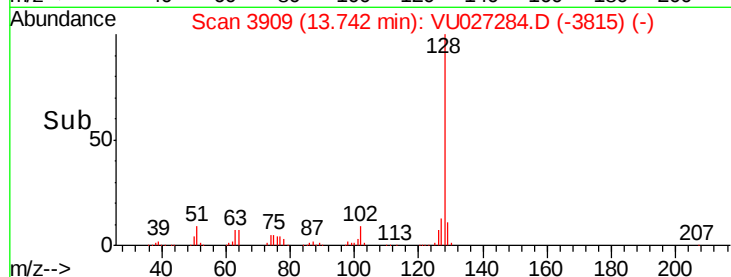
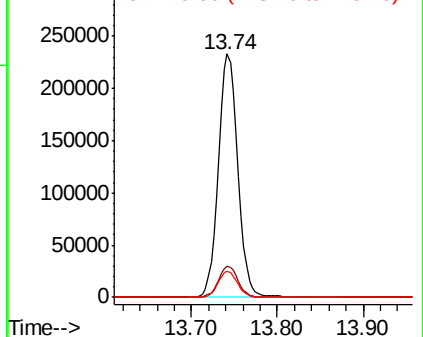
128 100

127 12.8 10.6 15.8

129 10.8 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: 54.790 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027284.D

Acq: 28 Sep 2018 20:31

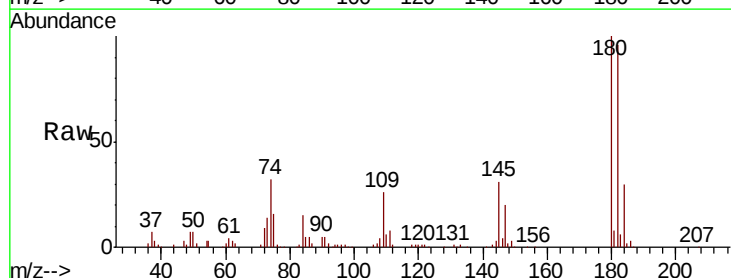
Tgt Ion:180 Resp: 110263

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 30.8 15.4 46.4



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

