

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026923.D
 Acq On : 20 Sep 2018 01:28
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 05:38:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	92832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63905	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	4.88	113	55334	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	7.57	98	202952	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	10.31	95	73763	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52292	52.138	ug/l	99
3) Chloromethane	1.32	50	61015	43.543	ug/l	99
4) Vinyl Chloride	1.40	62	66955	46.108	ug/l	99
5) Bromomethane	1.61	94	48054	52.834	ug/l	100
6) Chloroethane	1.69	64	42588	46.083	ug/l	99
7) Trichlorofluoromethane	1.88	101	87549	46.119	ug/l	100
8) Diethyl Ether	2.10	74	38737	46.567	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.28	101	52788	46.824	ug/l	97
10) Methyl Iodide	2.41	142	37297	38.736	ug/l	98
11) Tert butyl alcohol	2.83	59	69505	202.492	ug/l	100
12) 1,1-Dichloroethene	2.28	96	51512	48.333	ug/l	98
13) Acrolein	2.19	56	71711	310.015	ug/l	100
14) Allyl chloride	2.59	41	85275	44.425	ug/l	95
15) Acrylonitrile	2.94	53	178154	242.017	ug/l	100
16) Acetone	2.32	43	154555	193.852	ug/l	98
17) Carbon Disulfide	2.48	76	154103	45.445	ug/l	99
18) Methyl Acetate	2.61	43	86960	50.550	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	180461	49.178	ug/l	98
20) Methylene Chloride	2.70	84	62145	48.054	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	55193	49.159	ug/l	97
22) Diisopropyl ether	3.57	45	189546	47.314	ug/l	99
23) Vinyl Acetate	3.52	43	792755	232.955	ug/l	97
24) 1,1-Dichloroethane	3.45	63	107215	47.443	ug/l	97
25) 2-Butanone	4.26	43	233525	217.440	ug/l	98
26) 2,2-Dichloropropane	4.23	77	67606	36.395	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	62409	48.230	ug/l	95
28) Bromochloromethane	4.55	49	49154	45.486	ug/l	91
29) Tetrahydrofuran	4.64	42	151688	234.269	ug/l	98
30) Chloroform	4.67	83	106184	47.781	ug/l	97
31) Cyclohexane	5.00	56	94720	45.876	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	90931	49.420	ug/l	98
36) 1,1-Dichloropropene	5.14	75	78076	51.109	ug/l	99
37) Ethyl Acetate	4.38	43	85055	46.301	ug/l	99
38) Carbon Tetrachloride	5.13	117	81046	50.215	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	90271	49.770	ug/l	97
40) Benzene	5.39	78	240153	50.621	ug/l	100
41) Methacrylonitrile	4.54	41	48406	46.809	ug/l	98
42) 1,2-Dichloroethane	5.40	62	82547	48.796	ug/l	97
43) Isopropyl Acetate	5.55	43	133350	47.674	ug/l	98
44) Trichloroethene	6.19	130	62164	52.944	ug/l	95
45) 1,2-Dichloropropane	6.43	63	63197	49.003	ug/l	96
46) Dibromomethane	6.56	93	41661	50.059	ug/l	91
47) Bromodichloromethane	6.76	83	82190	50.153	ug/l	99
48) Methyl methacrylate	6.62	41	68567	44.991	ug/l	96
49) 1,4-Dioxane	6.61	88	33448	955.727	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	441953	236.217	ug/l	96
52) Toluene	7.64	92	150106	53.118	ug/l	95
53) t-1,3-Dichloropropene	7.88	75	87683	48.237	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	94603	48.467	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	61636	50.907	ug/l	97
56) Ethyl methacrylate	8.02	69	90560	44.719	ug/l	94
57) 1,3-Dichloropropane	8.24	76	105377	51.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	208565	215.993	ug/l	95
59) 2-Hexanone	8.36	43	338177	229.669	ug/l	95
60) Dibromochloromethane	8.48	129	66824	50.960	ug/l	99
61) 1,2-Dibromoethane	8.59	107	65611	49.943	ug/l	100
64) Tetrachloroethene	8.23	164	58056	56.306	ug/l	96
65) Chlorobenzene	9.12	112	164374	51.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	61691	52.095	ug/l	98
67) Ethyl Benzene	9.25	91	277305	52.304	ug/l	100
68) m/p-Xylenes	9.38	106	223640	110.886	ug/l	95
69) o-Xylene	9.78	106	105861	49.149	ug/l	97
70) Styrene	9.79	104	180404	49.709	ug/l	98
71) Bromoform	9.96	173	53808	52.244	ug/l #	99
73) Isopropylbenzene	10.17	105	286441	50.896	ug/l	100
74) N-amyl acetate	10.02	43	118839	44.726	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	100475	43.805	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	107055	57.866	ug/l	84
77) Bromobenzene	10.45	156	77534	50.689	ug/l	94
78) n-propylbenzene	10.59	91	328160	50.133	ug/l	99
79) 2-Chlorotoluene	10.66	91	194980	48.052	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	240173	50.770	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.49	75	107055	132.050	ug/l #	100
82) 4-Chlorotoluene	10.77	91	225562	49.476	ug/l	98
83) tert-Butylbenzene	11.10	119	239764	49.942	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	248588	52.100	ug/l	98
85) sec-Butylbenzene	11.32	105	290022	50.870	ug/l	99
86) p-Isopropyltoluene	11.48	119	262177	47.881	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	141267	49.505	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	143738	48.502	ug/l	99
89) n-Butylbenzene	11.89	91	215174	43.094	ug/l	96
90) Hexachloroethane	12.15	117	45024	44.754	ug/l	91
91) 1,2-Dichlorobenzene	11.88	146	142589	49.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21122	45.932	ug/l	91

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Quant Title : SW846 8260
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Response via : Initial Calibration

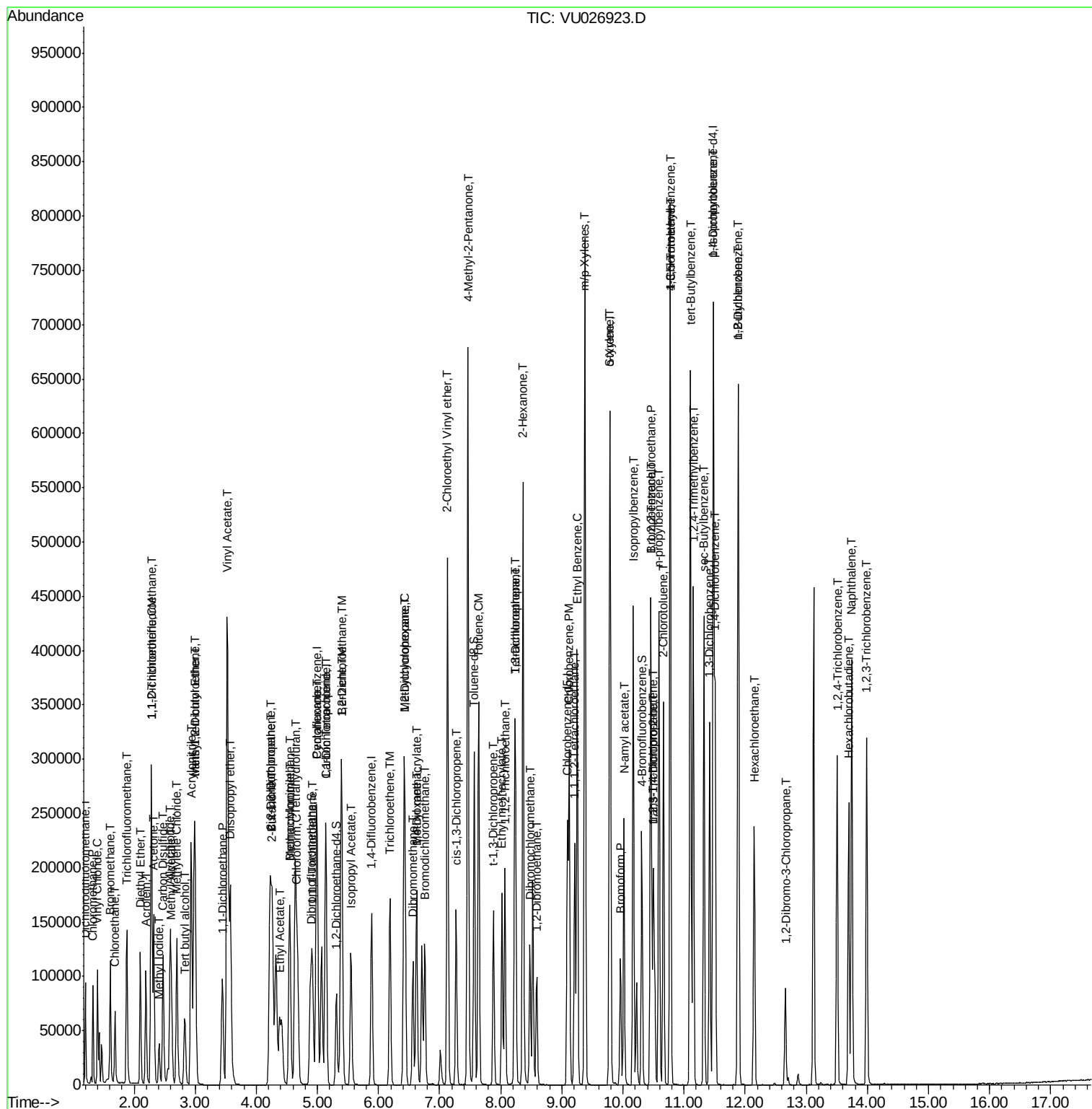
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	100369	52.653	ug/l	99
94) Hexachlorobutadiene	13.69	225	52553	53.590	ug/l	98
95) Naphthalene	13.74	128	311299	48.574	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	106023	53.256	ug/l	99

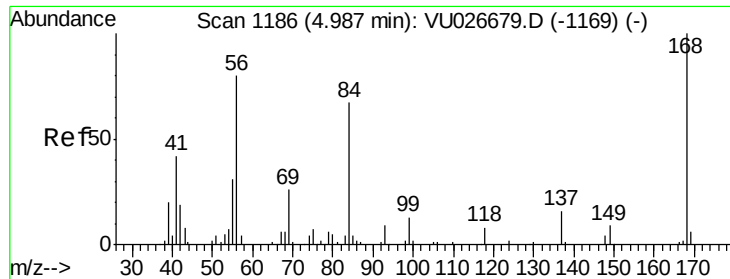
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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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: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

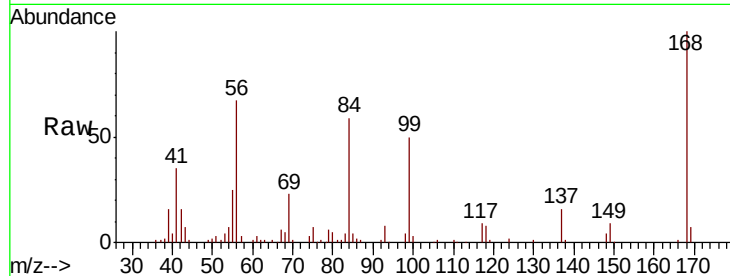
VSTDCCC050EC

Tgt Ion:168 Resp: 92832

Ion Ratio Lower Upper

168 100

99 49.8 42.0 63.0

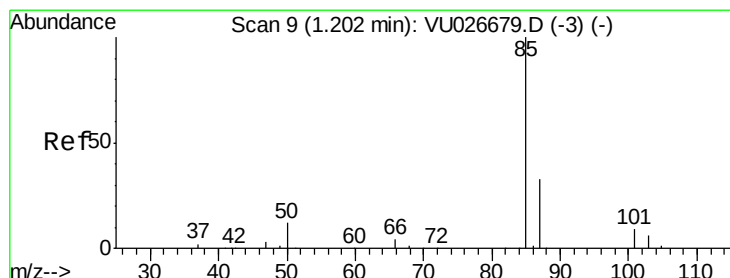
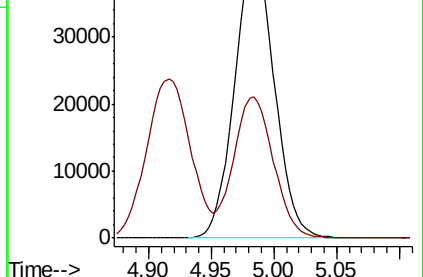
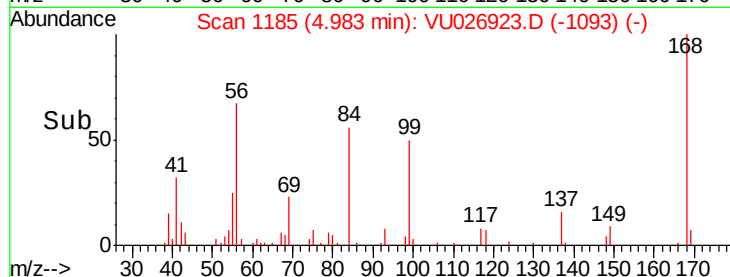


Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

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

4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 52.138 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026923.D

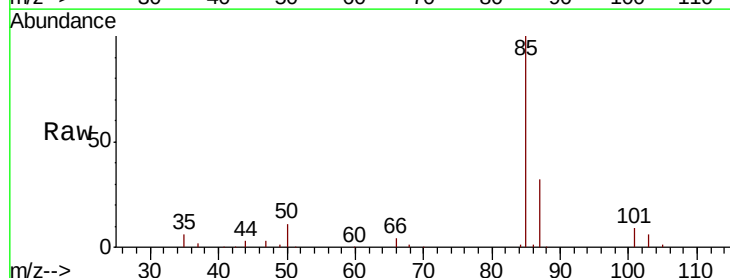
Acq: 20 Sep 2018 01:28

Tgt Ion: 85 Resp: 52292

Ion Ratio Lower Upper

85 100

87 32.4 16.6 49.7

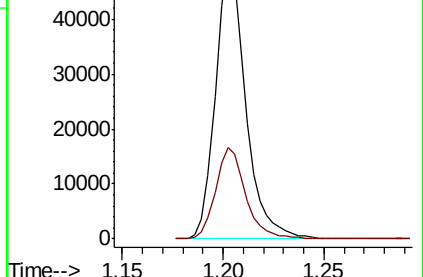
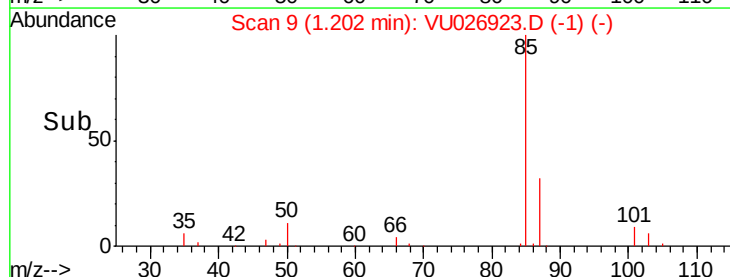


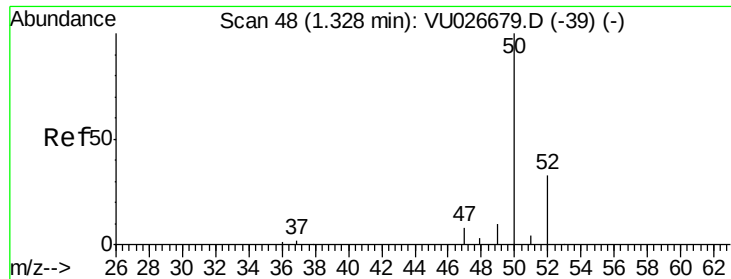
Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

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

1.20

Time-->

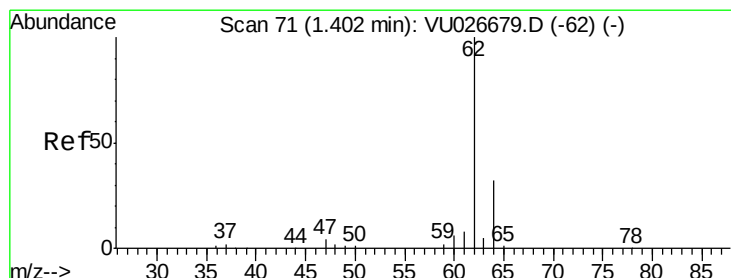
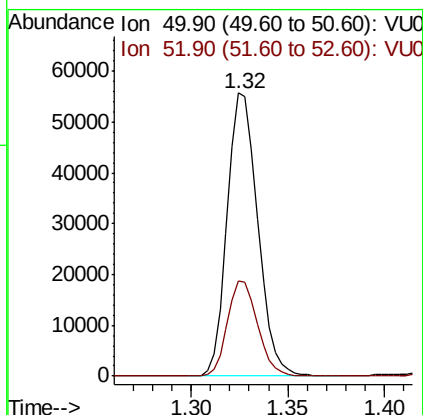
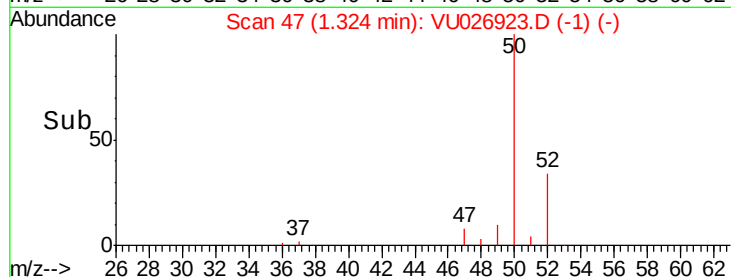
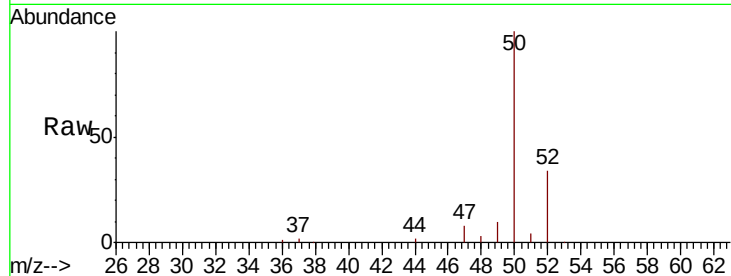




#3
Chloromethane
Concen: 43.543 ug/l
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

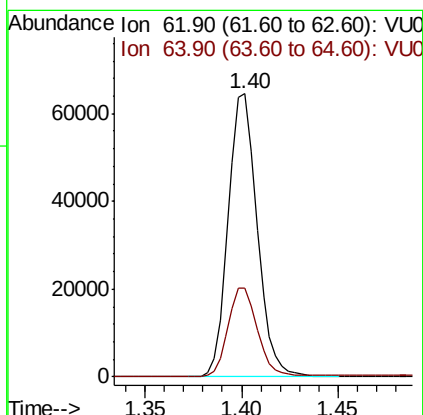
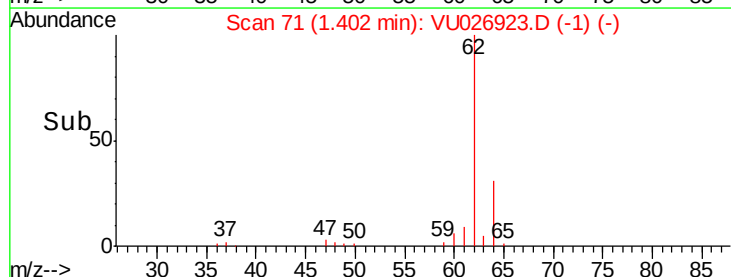
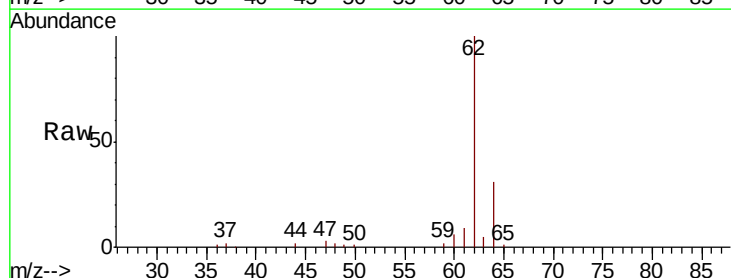
Instrument :
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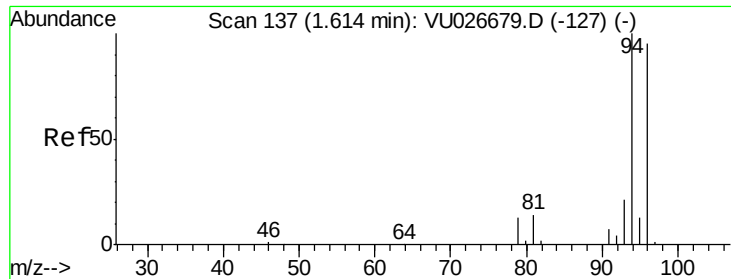
Tgt Ion: 50 Resp: 61015
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#4
Vinyl Chloride
Concen: 46.108 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 62 Resp: 66955
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

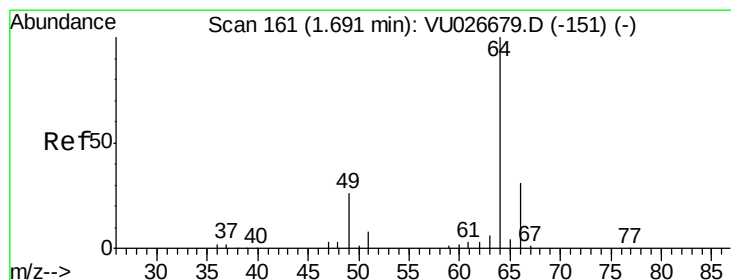
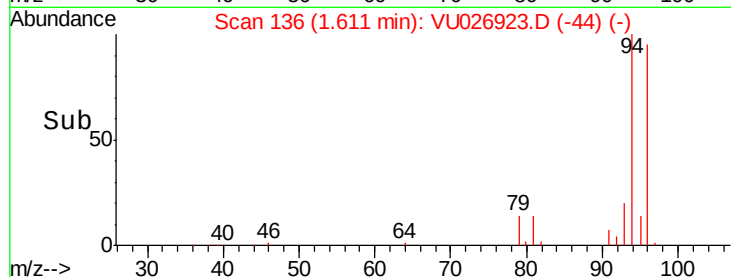
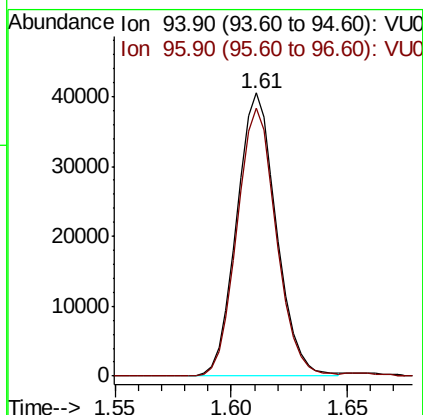
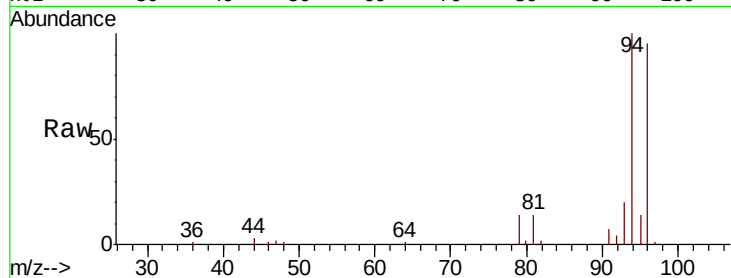




#5
Bromomethane
Concen: 52.834 ug/l
RT: 1.61 min Scan# 136
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

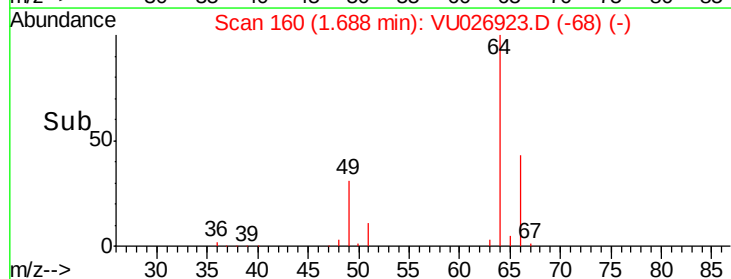
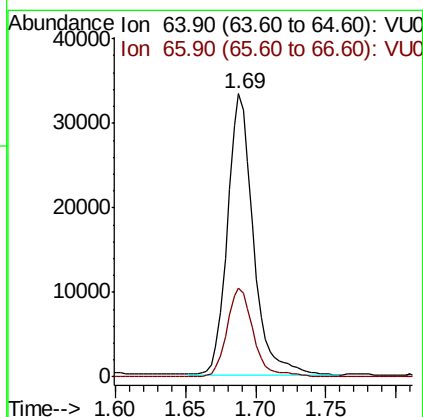
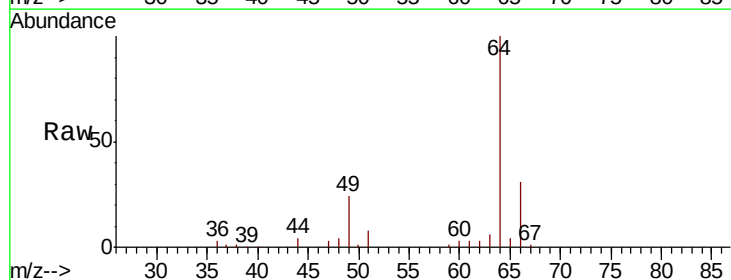
Instrument :
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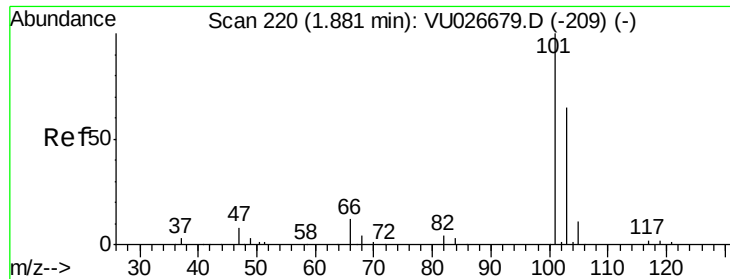
Tgt Ion: 94 Resp: 48054
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 46.083 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 64 Resp: 42588
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1



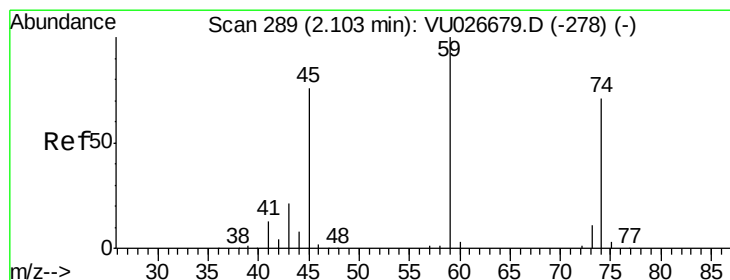
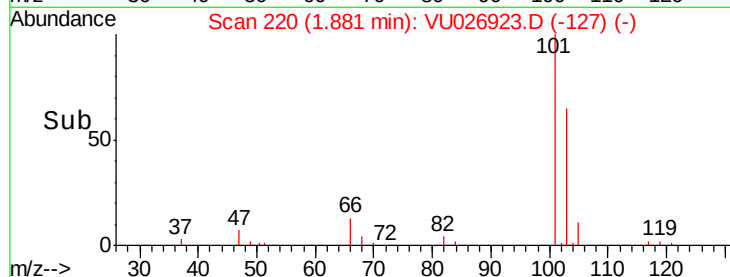
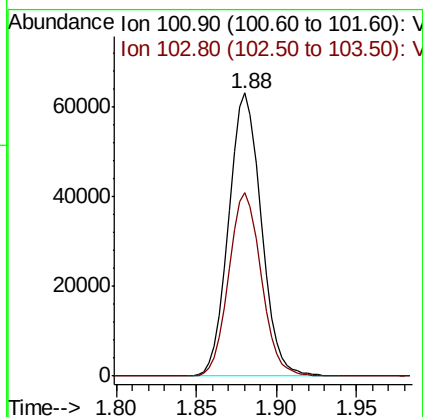
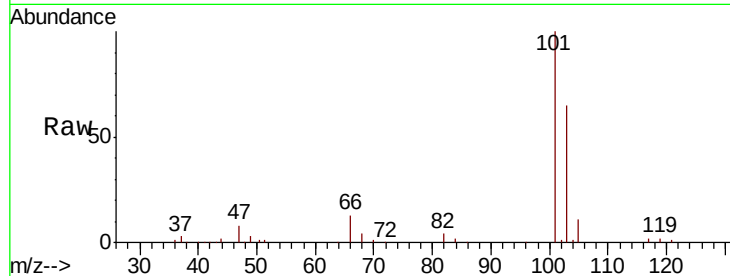


#7

Trichlorofluoromethane
 Concen: 46.119 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

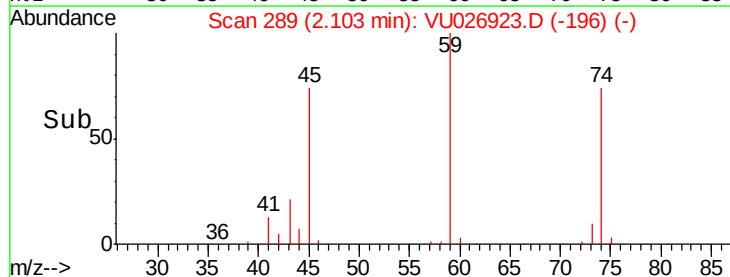
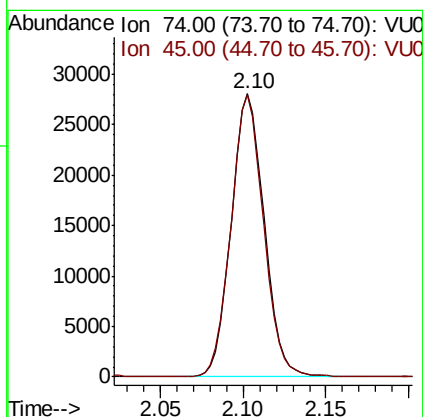
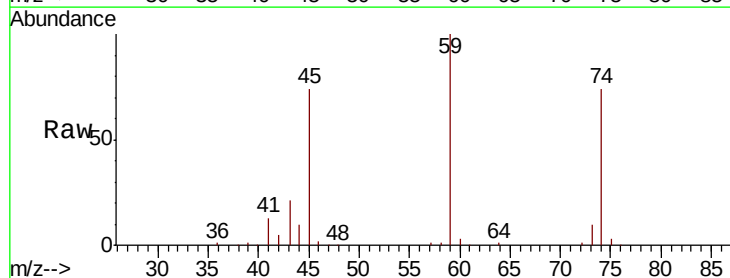
Tgt Ion: 101 Resp: 87549
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5

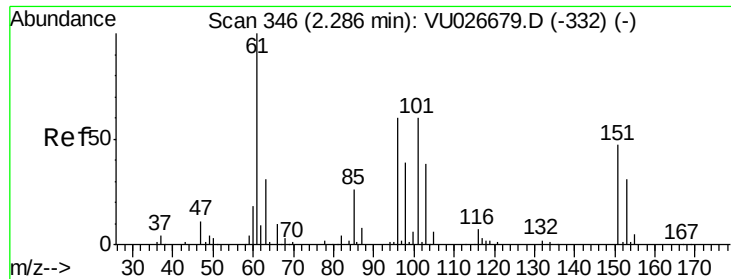


#8

Diethyl Ether
 Concen: 46.567 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 74 Resp: 38737
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.824 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

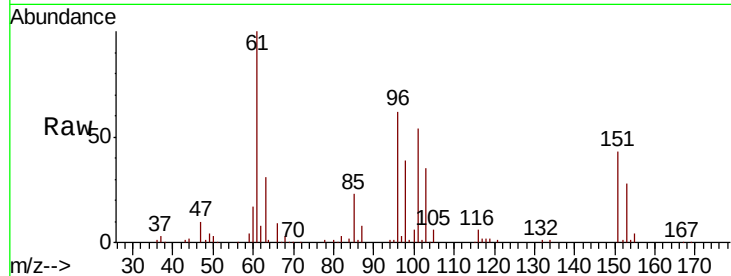
Tgt Ion:101 Resp: 52788

Ion Ratio Lower Upper

101 100

85 42.6 34.6 52.0

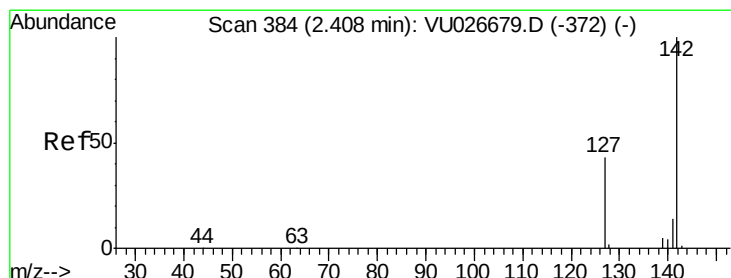
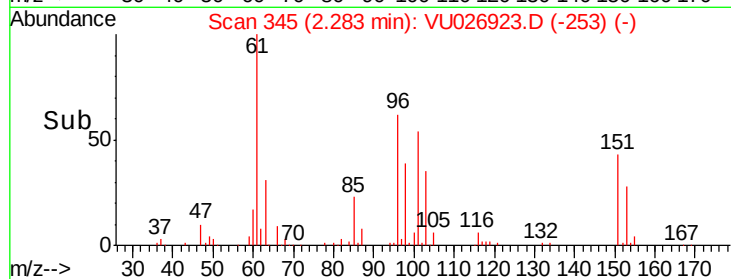
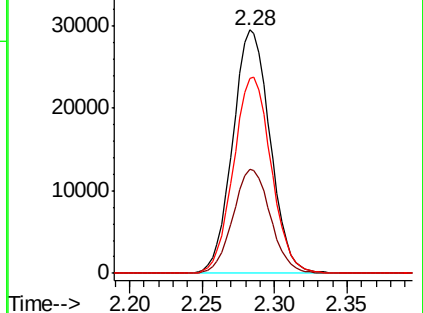
151 81.4 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.736 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

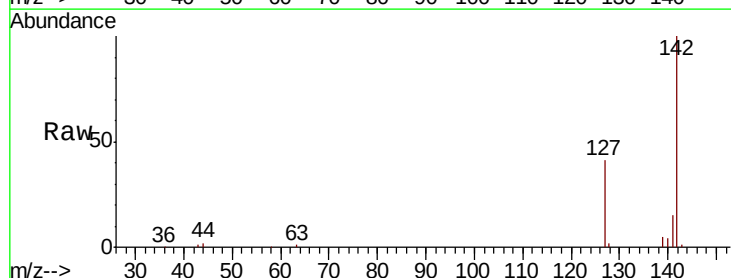
Tgt Ion:142 Resp: 37297

Ion Ratio Lower Upper

142 100

127 41.0 34.1 51.1

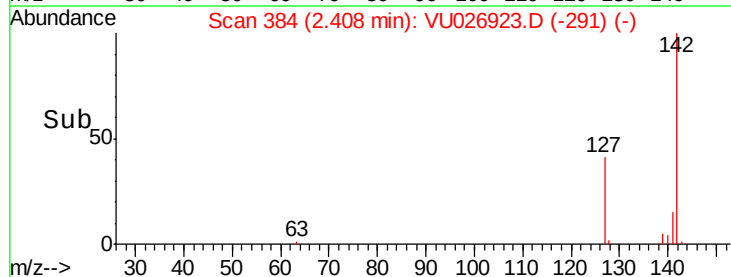
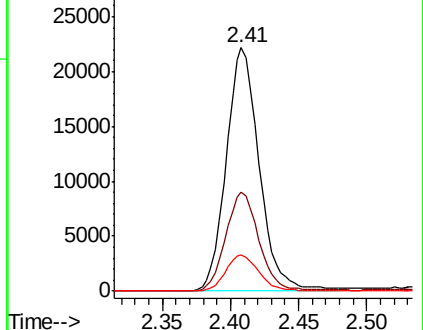
141 14.7 11.2 16.8

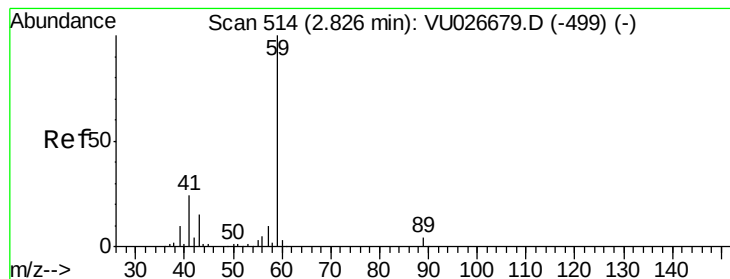


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



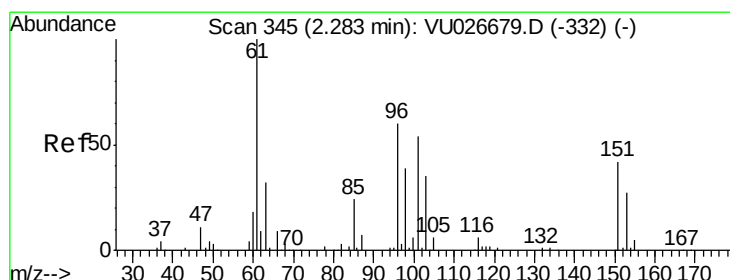
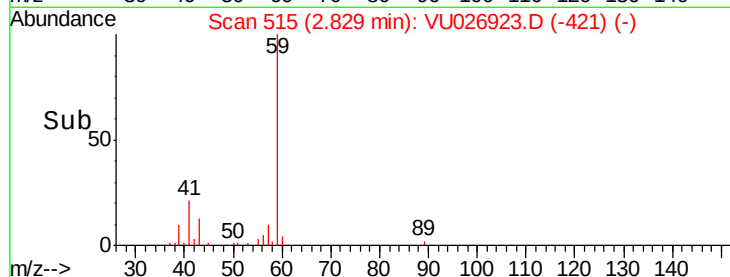
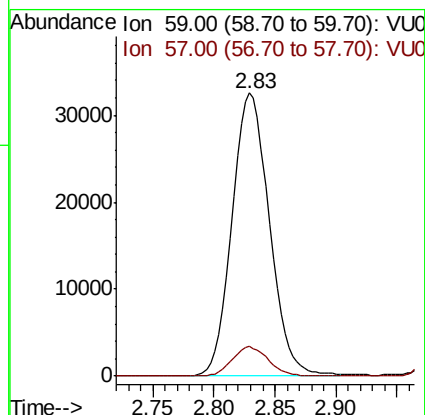
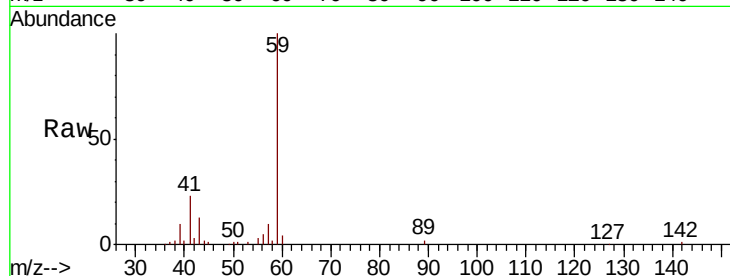


#11

Tert butyl alcohol
 Concen: 202.492 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

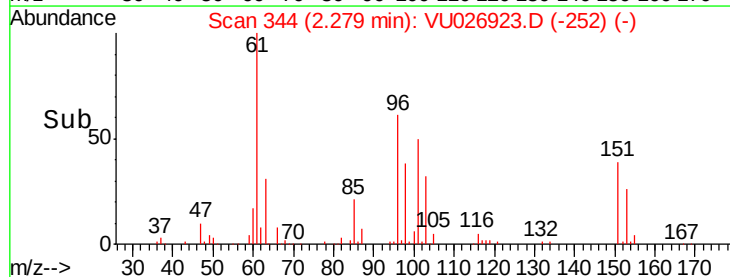
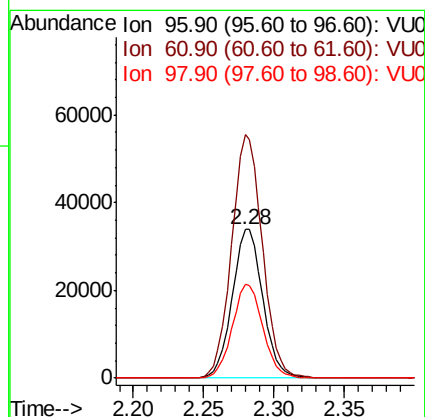
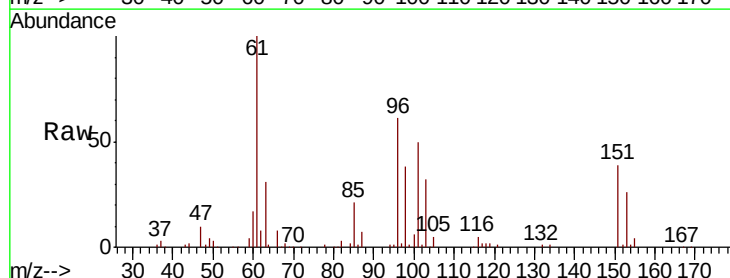
Tgt Ion: 59 Resp: 69505
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

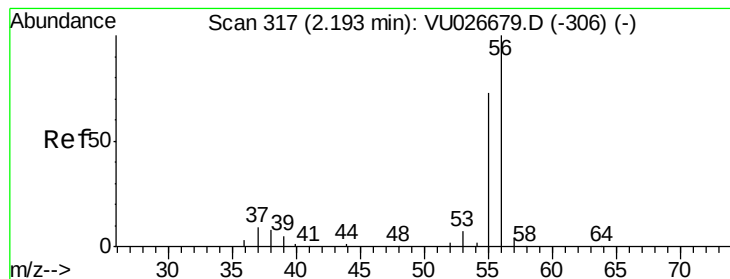


#12

1,1-Dichloroethene
 Concen: 48.333 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 96 Resp: 51512
 Ion Ratio Lower Upper
 96 100
 61 163.7 133.0 199.6
 98 63.0 51.3 76.9





#13

Acrolein

Concen: 310.015 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

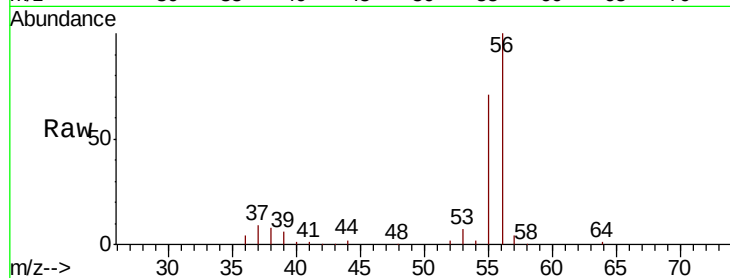
VSTDCCC050EC

Tgt Ion: 56 Resp: 71711

Ion Ratio Lower Upper

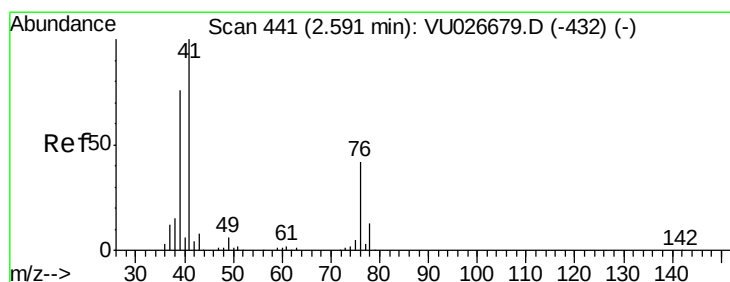
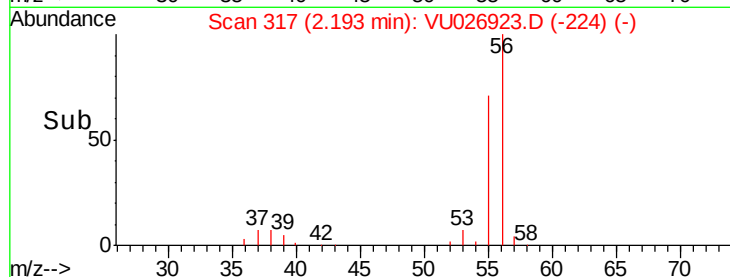
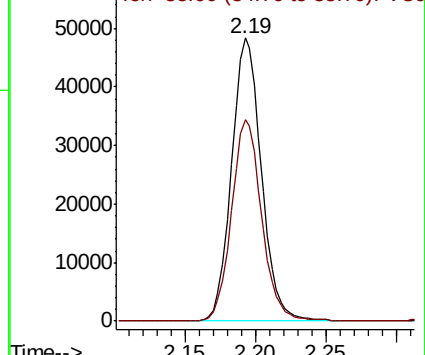
56 100

55 72.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 44.425 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

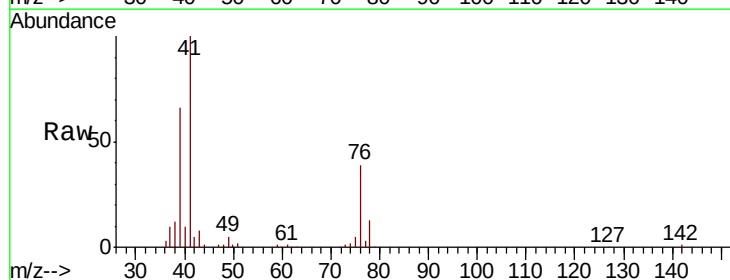
Tgt Ion: 41 Resp: 85275

Ion Ratio Lower Upper

41 100

39 65.8 56.9 85.3

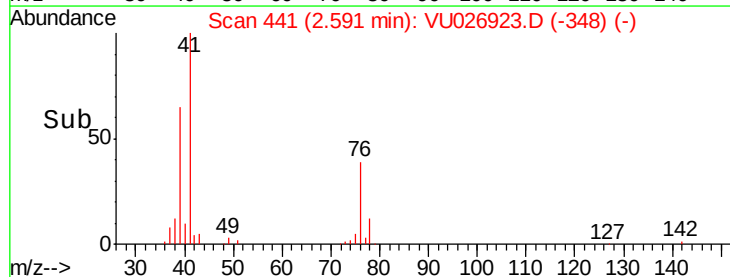
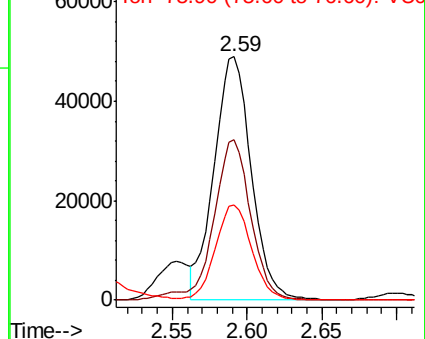
76 37.9 29.7 44.5

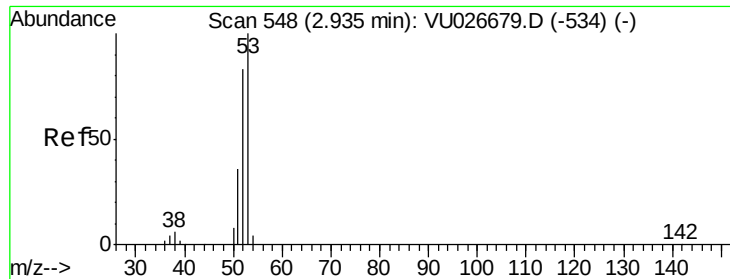


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 242.017 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

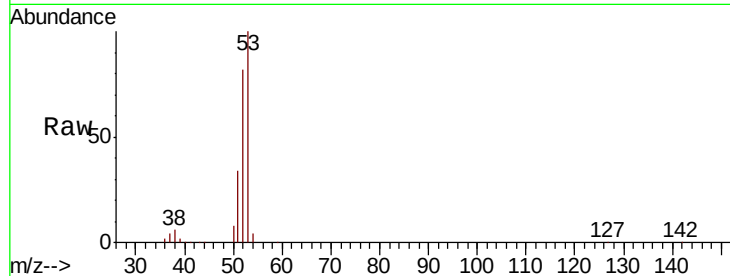
Tgt Ion: 53 Resp: 178154

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

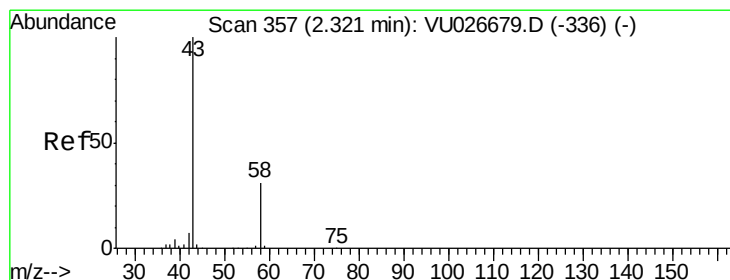
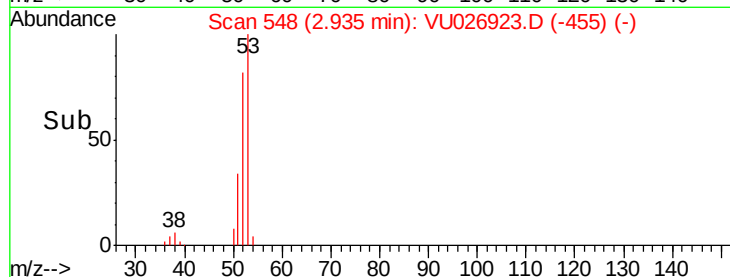
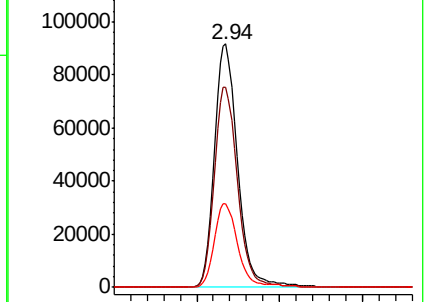
51 34.1 27.7 41.5



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

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

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



#16

Acetone

Concen: 193.852 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026923.D

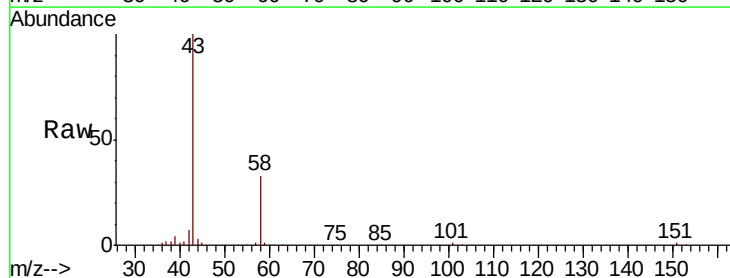
Acq: 20 Sep 2018 01:28

Tgt Ion: 43 Resp: 154555

Ion Ratio Lower Upper

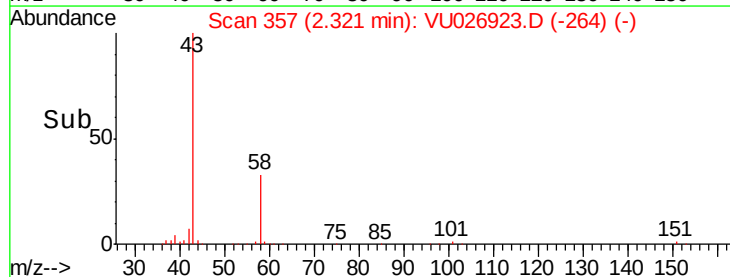
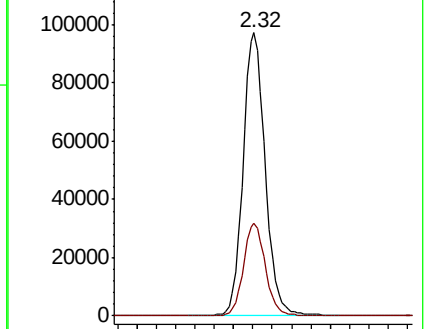
43 100

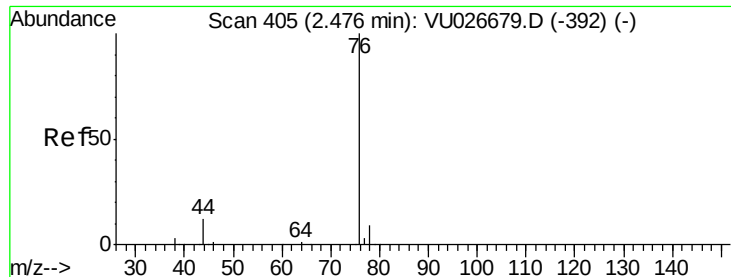
58 32.8 25.1 37.7



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

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





#17

Carbon Disulfide

Concen: 45.445 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

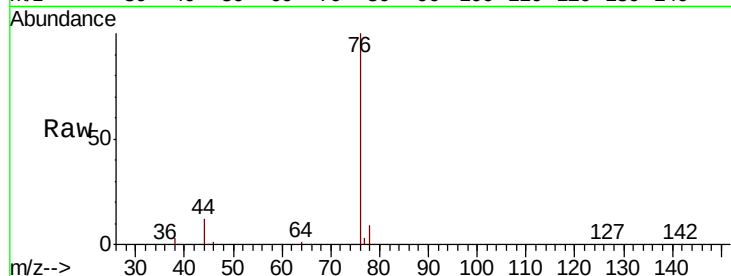
VSTDCCC050EC

Tgt Ion: 76 Resp: 154103

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



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

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

2.48

100000

80000

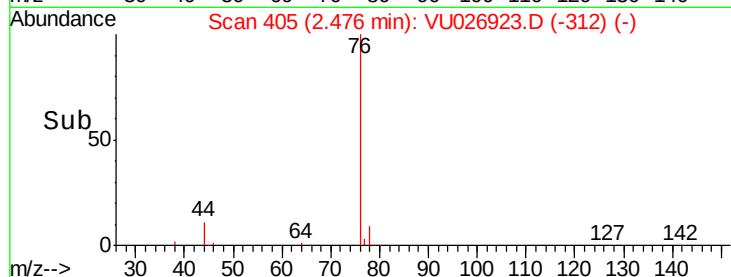
60000

40000

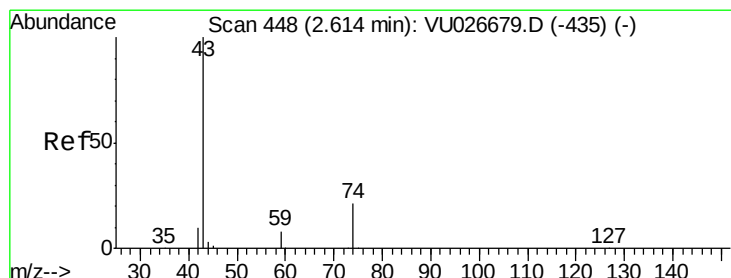
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 50.550 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU026923.D

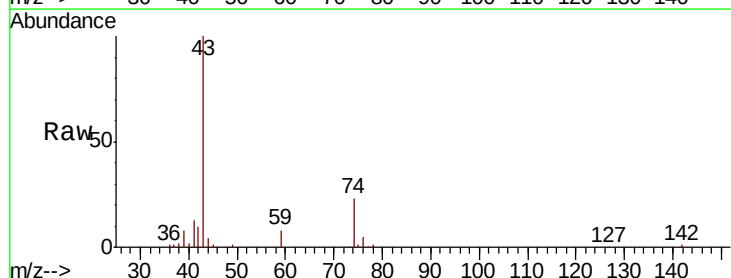
Acq: 20 Sep 2018 01:28

Tgt Ion: 43 Resp: 86960

Ion Ratio Lower Upper

43 100

74 23.6 17.7 26.5



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

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

2.61

60000

50000

40000

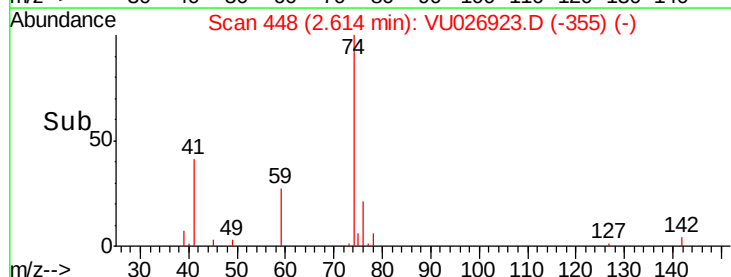
30000

20000

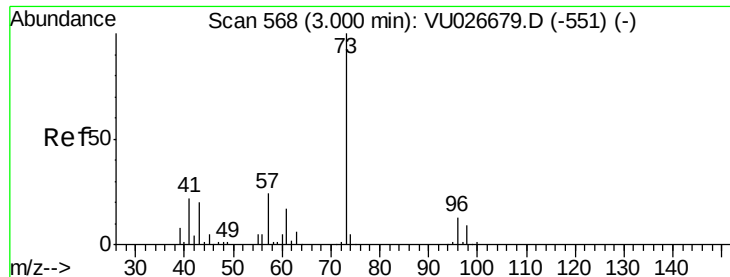
10000

0

Time-->



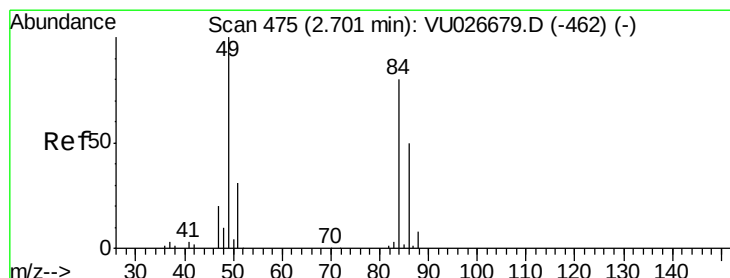
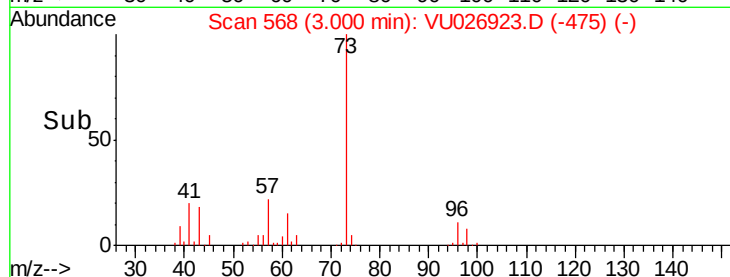
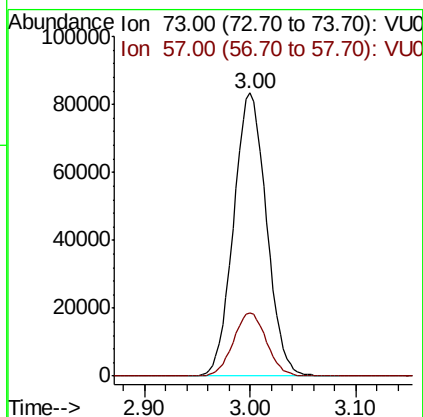
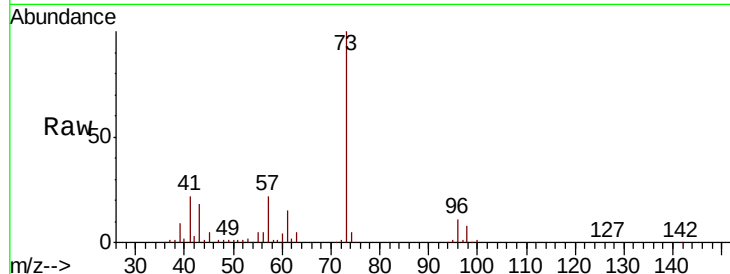
Time-->



#19
Methyl tert-butyl Ether
Concen: 49.178 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

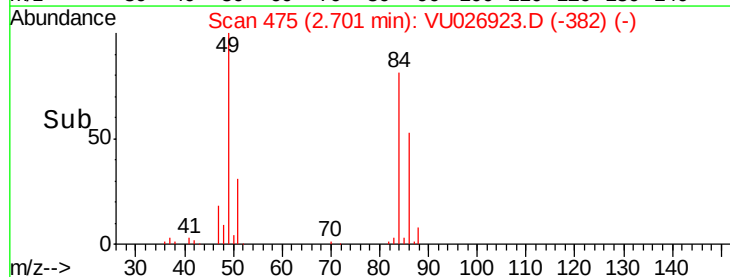
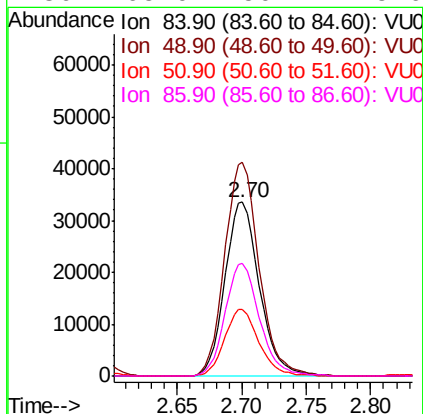
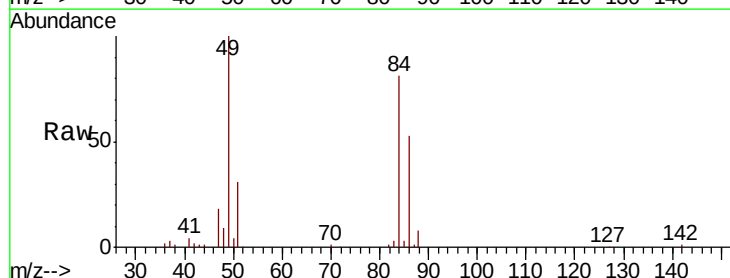
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

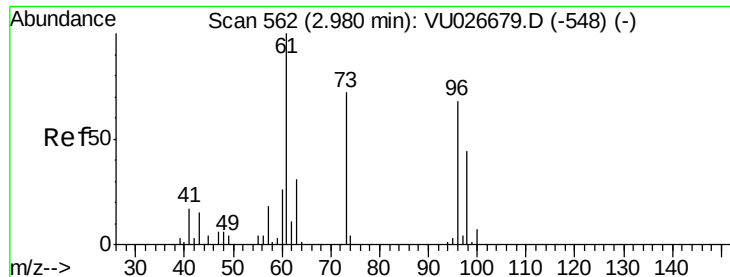
Tgt Ion: 73 Resp: 180461
Ion Ratio Lower Upper
73 100
57 22.5 18.9 28.3



#20
Methylene Chloride
Concen: 48.054 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 84 Resp: 62145
Ion Ratio Lower Upper
84 100
49 123.0 100.6 151.0
51 38.0 30.9 46.3
86 65.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.159 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

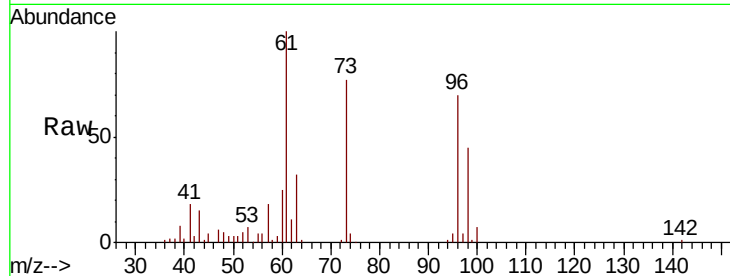
Tgt Ion: 96 Resp: 55193

Ion Ratio Lower Upper

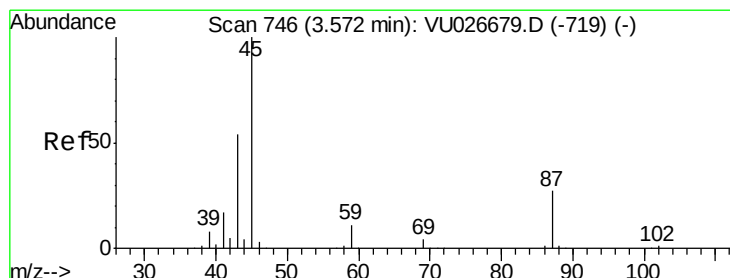
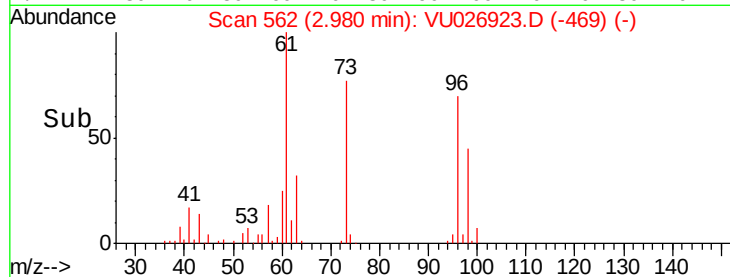
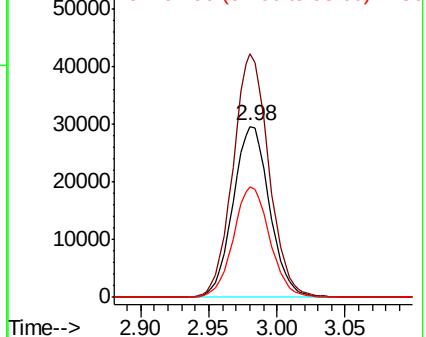
96 100

61 142.2 117.7 176.5

98 64.7 52.0 78.0



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



#22

Diisopropyl ether

Concen: 47.314 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Tgt Ion: 45 Resp: 189546

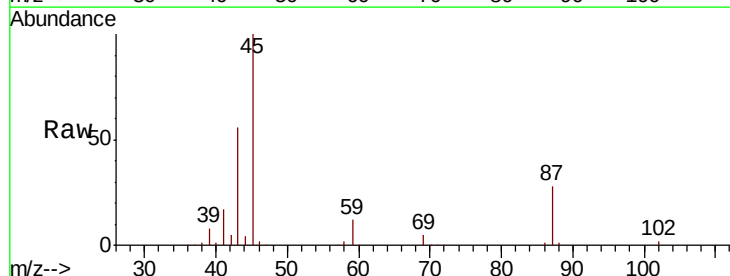
Ion Ratio Lower Upper

45 100

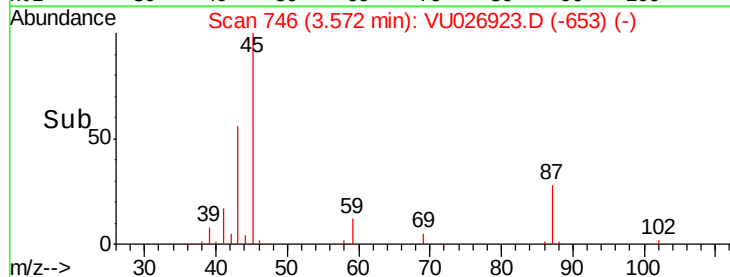
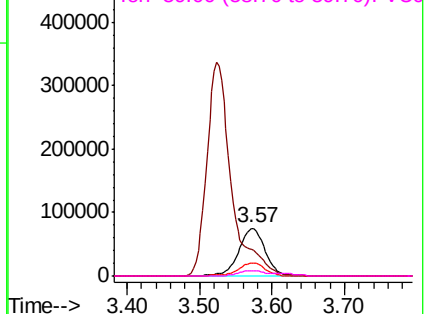
43 55.3 44.6 67.0

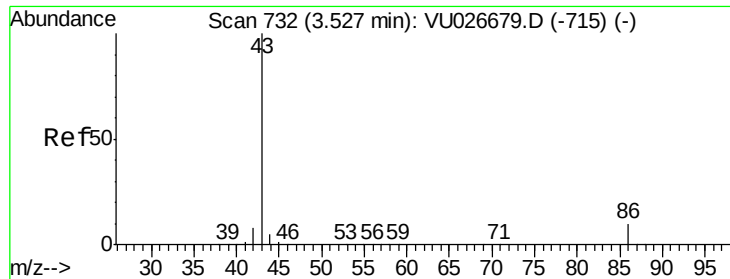
87 27.6 21.4 32.0

59 11.8 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: 232.955 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

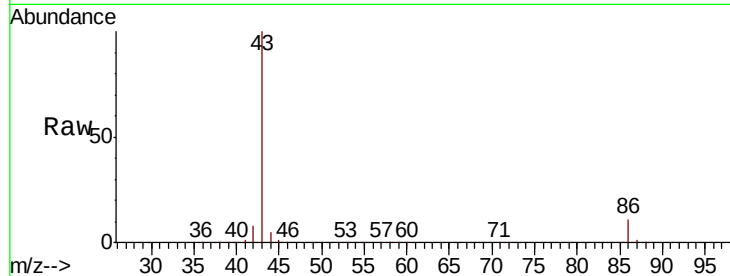
VSTDCCC050EC

Tgt Ion: 43 Resp: 792755

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

400000

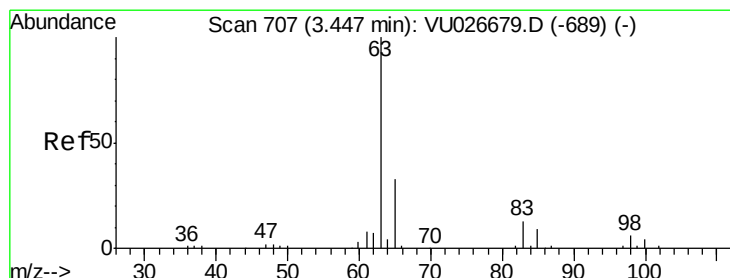
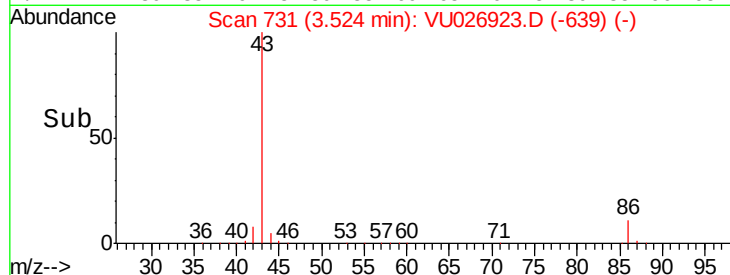
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.443 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

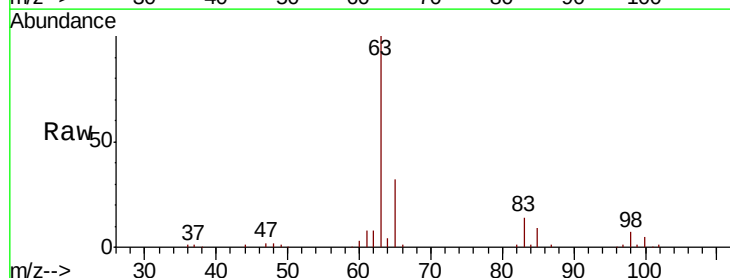
Tgt Ion: 63 Resp: 107215

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 4.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

60000

50000

40000

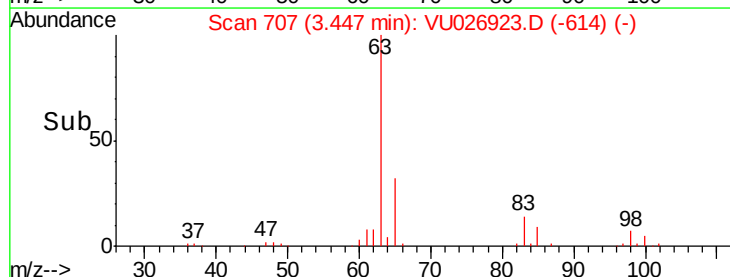
30000

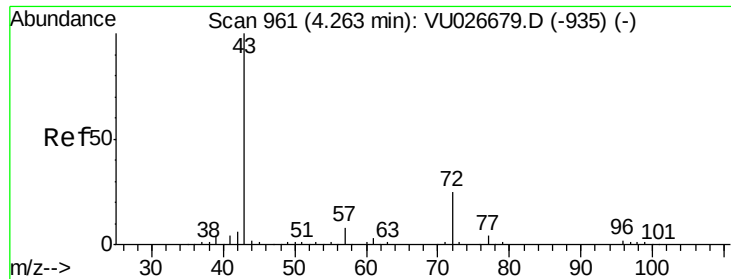
20000

10000

0

Time-->





#25

2-Butanone

Concen: 217.440 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

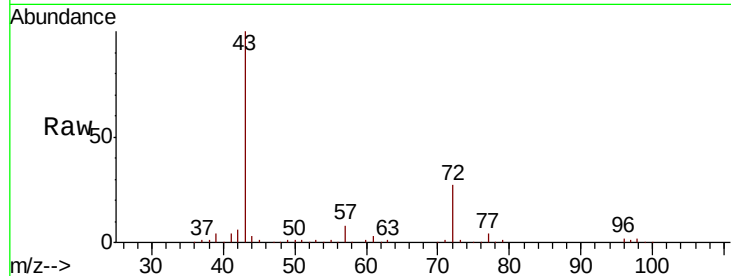
VSTDCCC050EC

Tgt Ion: 43 Resp: 233525

Ion Ratio Lower Upper

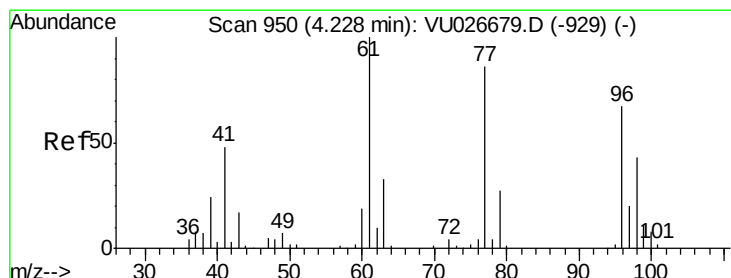
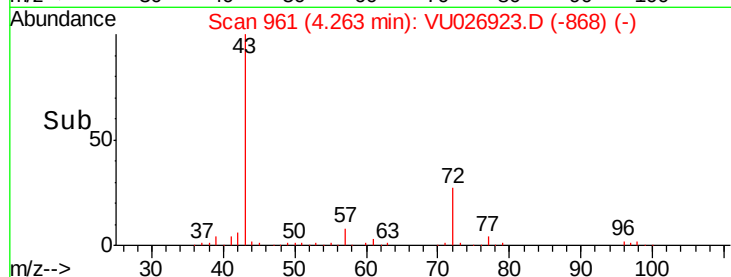
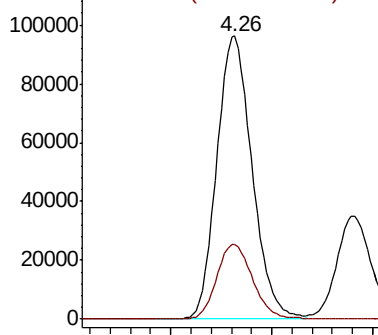
43 100

72 26.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 36.395 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026923.D

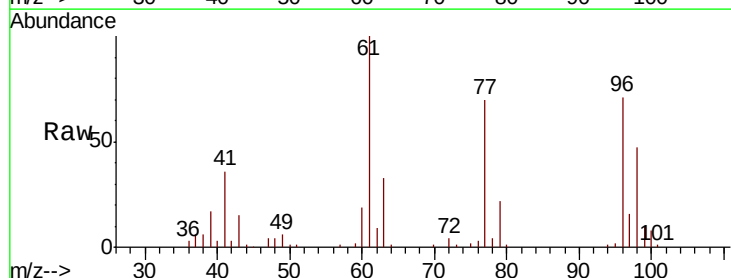
Acq: 20 Sep 2018 01:28

Tgt Ion: 77 Resp: 67606

Ion Ratio Lower Upper

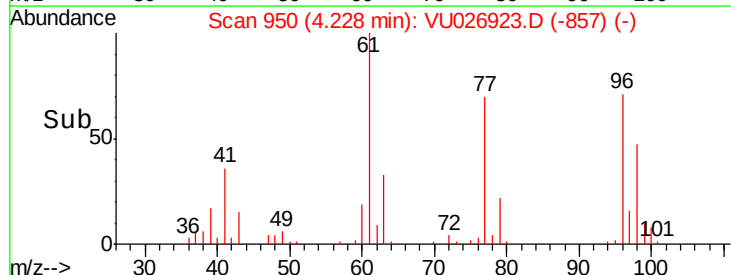
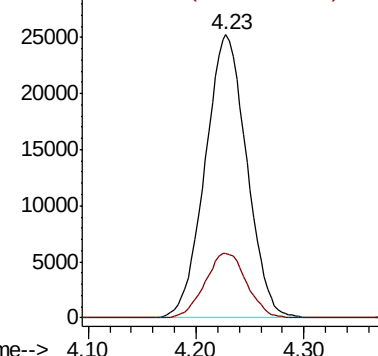
77 100

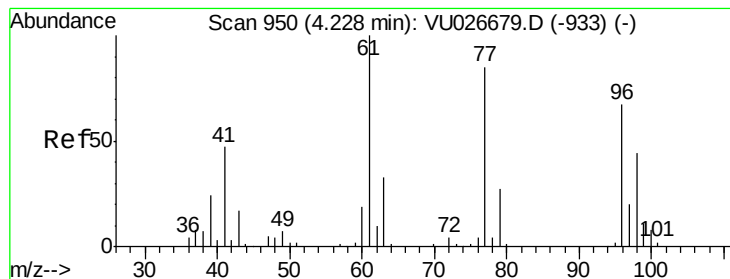
97 22.9 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 48.230 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

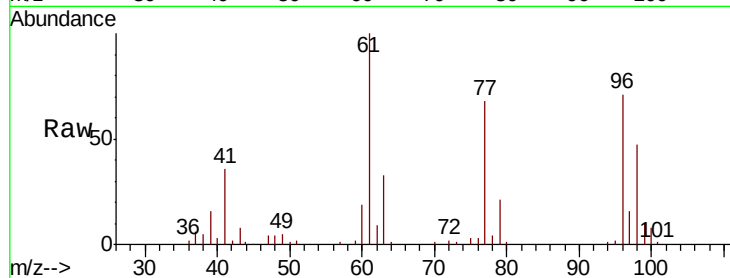
Tgt Ion: 96 Resp: 62409

Ion Ratio Lower Upper

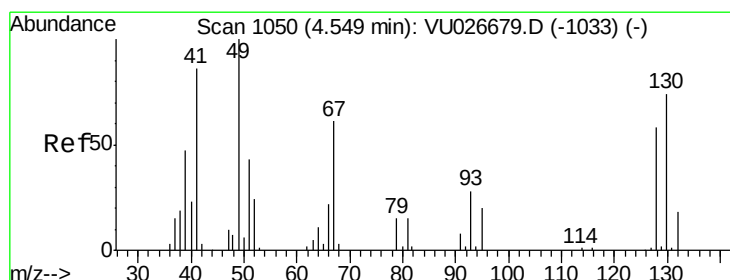
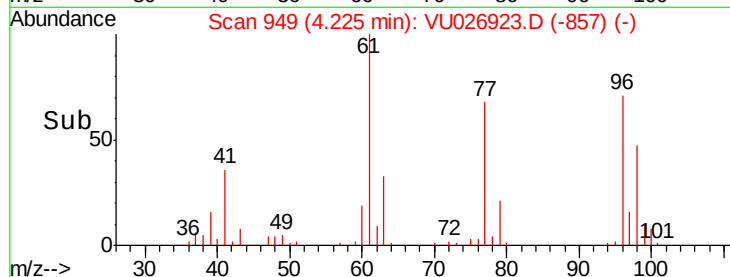
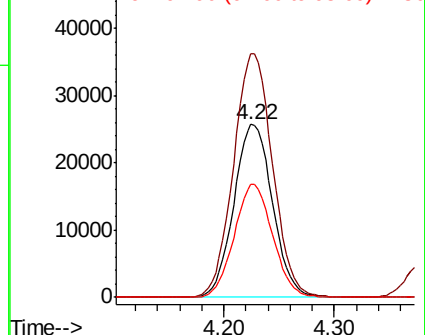
96 100

61 142.3 0.0 301.8

98 65.0 0.0 127.2



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



#28

Bromochloromethane

Concen: 45.486 ug/l

RT: 4.55 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

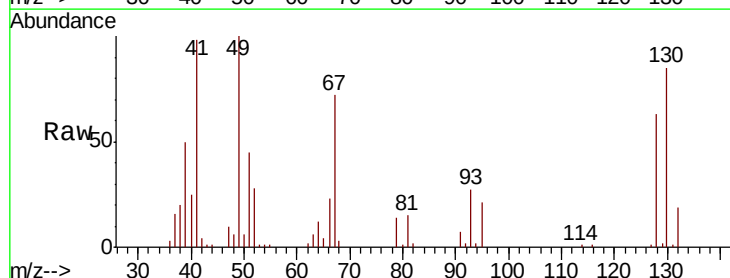
Tgt Ion: 49 Resp: 49154

Ion Ratio Lower Upper

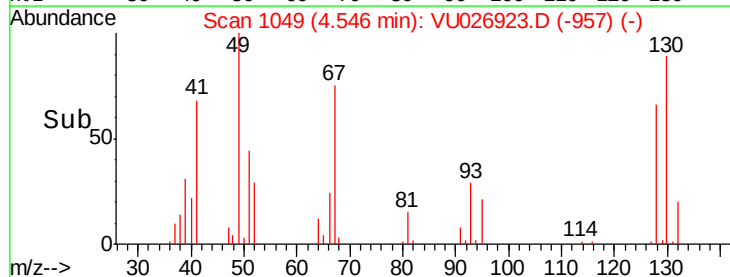
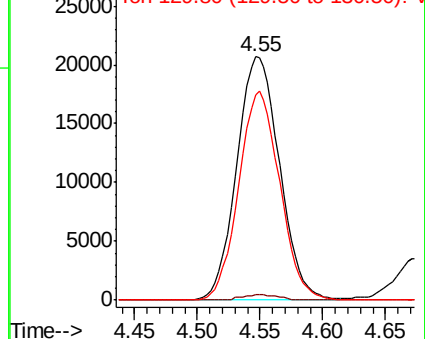
49 100

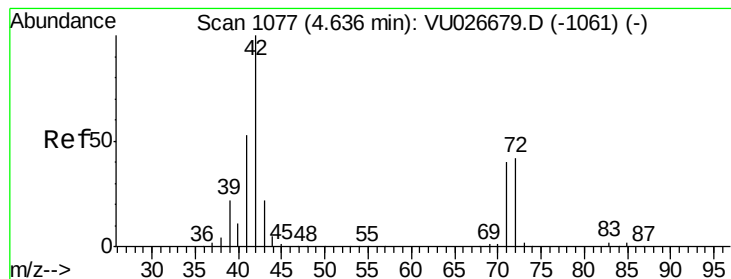
129 1.8 0.0 3.8

130 82.1 59.8 89.6



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





#29

Tetrahydrofuran

Concen: 234.269 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

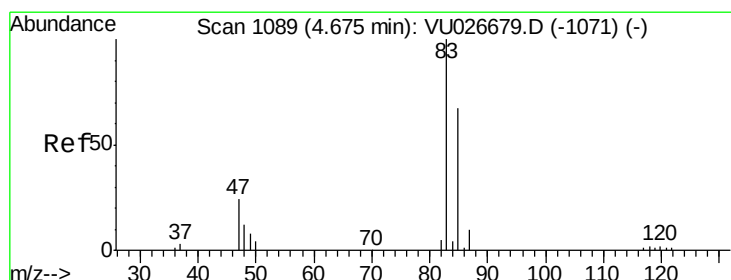
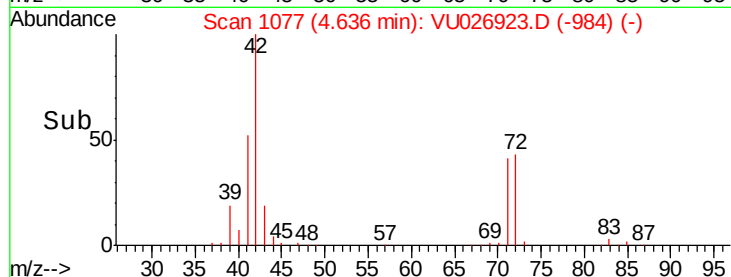
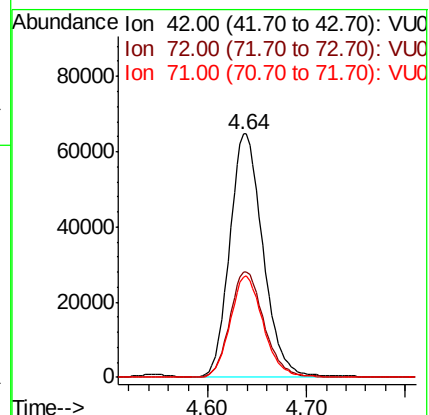
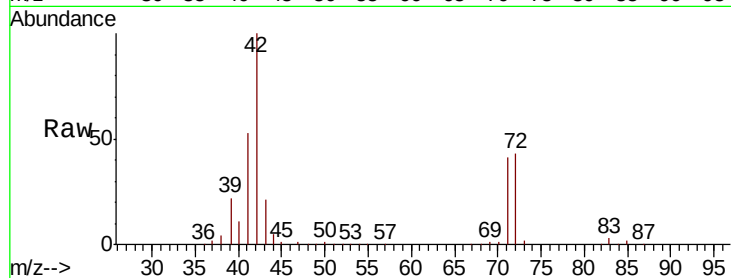
Tgt Ion: 42 Resp: 151688

Ion Ratio Lower Upper

42 100

72 44.8 34.4 51.6

71 41.6 32.4 48.6



#30

Chloroform

Concen: 47.781 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU026923.D

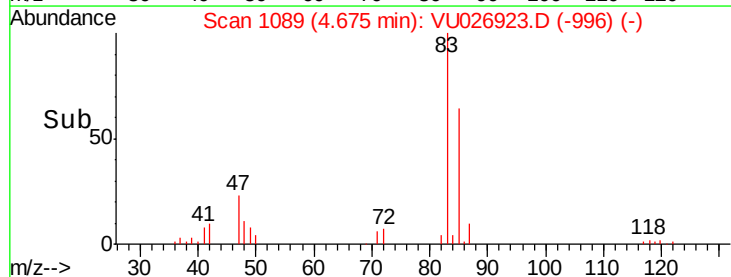
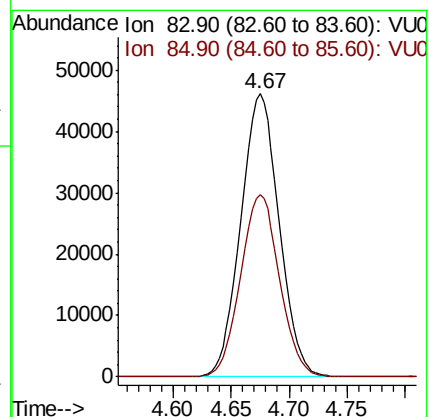
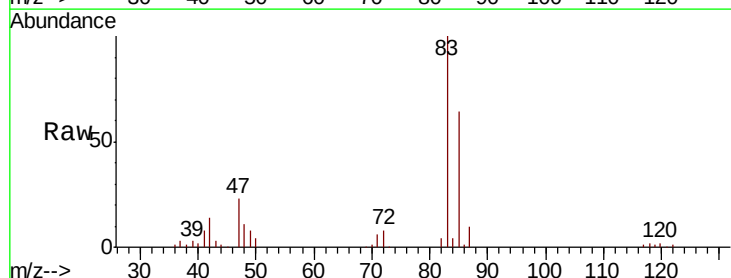
Acq: 20 Sep 2018 01:28

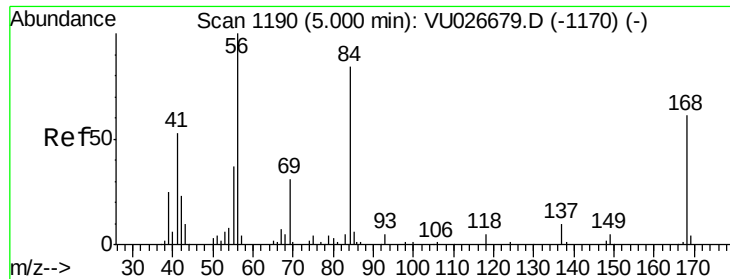
Tgt Ion: 83 Resp: 106184

Ion Ratio Lower Upper

83 100

85 64.3 53.3 79.9

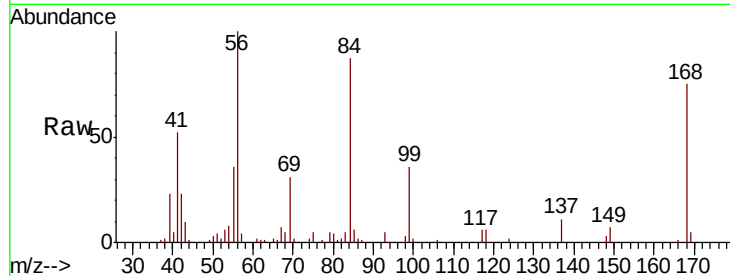




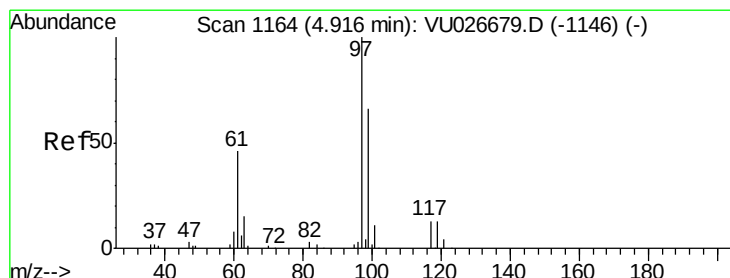
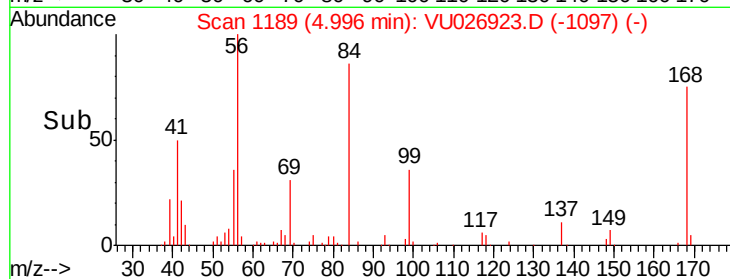
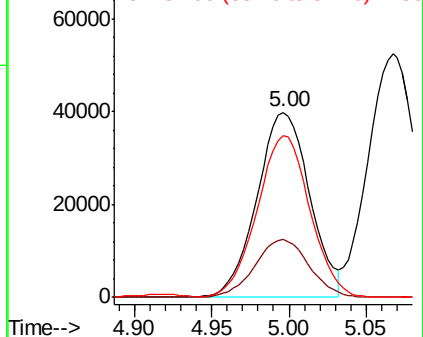
#31
Cyclohexane
Concen: 45.876 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 94720
Ion Ratio Lower Upper
56 100
69 31.3 24.9 37.3
84 86.5 66.6 100.0

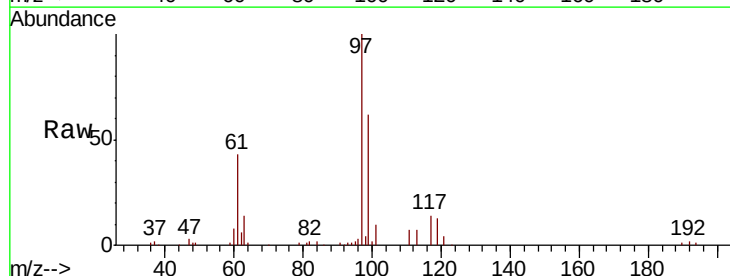


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

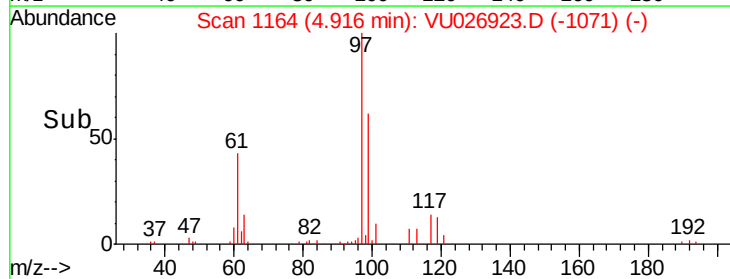
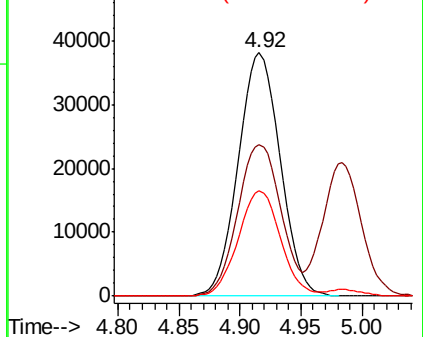


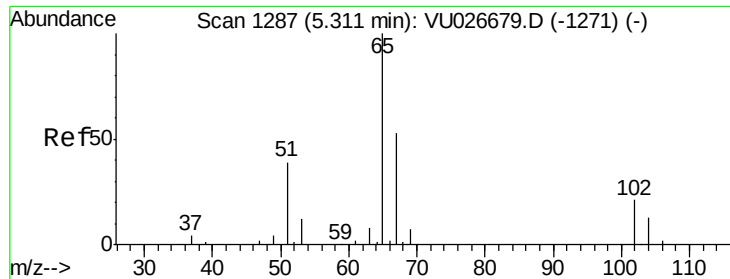
#32
1,1,1-Trichloroethane
Concen: 49.420 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 97 Resp: 90931
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 43.6 36.8 55.2



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

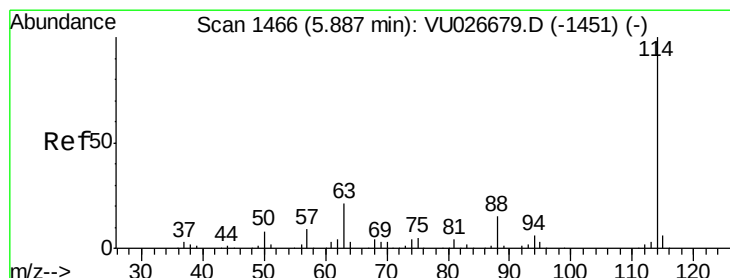
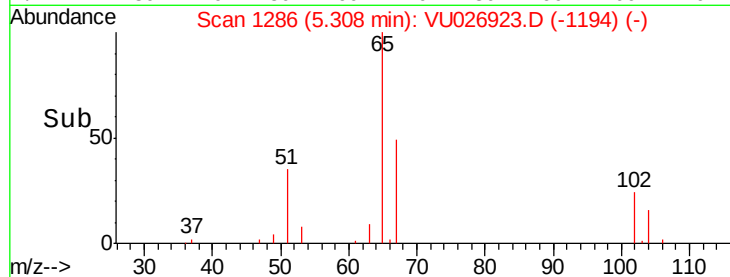
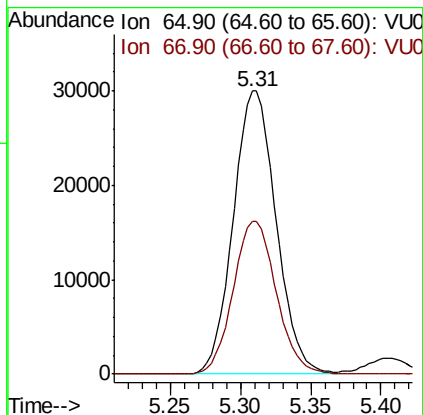
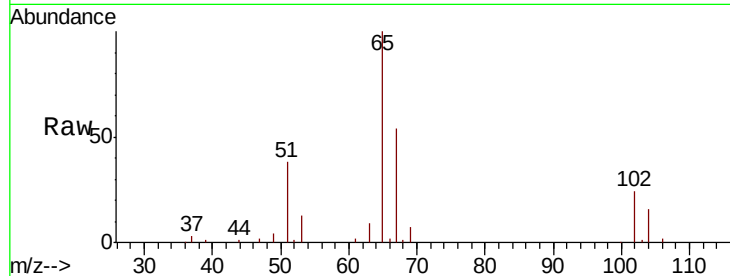




#33
 1,2-Dichloroethane-d4
 Concen: 45.380 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

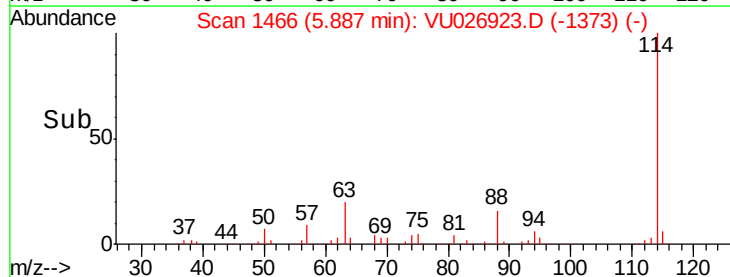
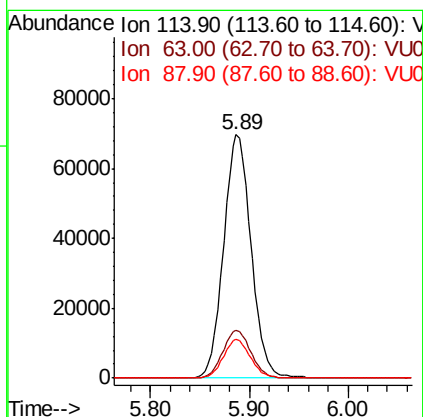
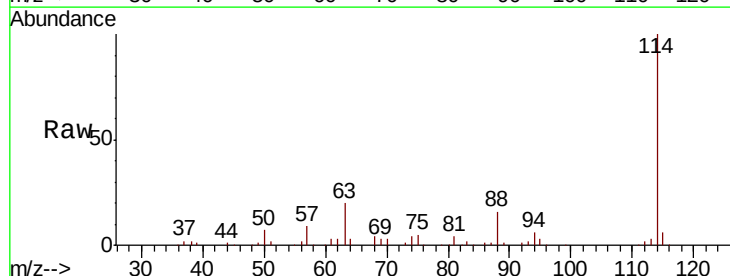
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

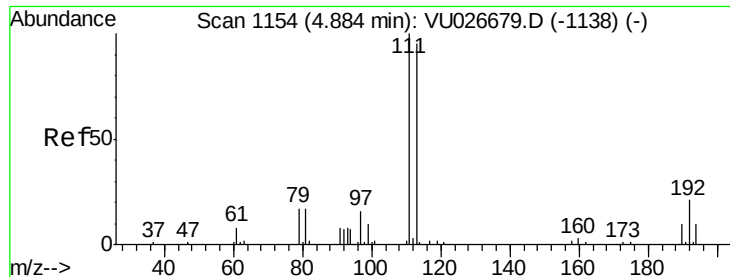
Tgt Ion: 65 Resp: 63905
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 114 Resp: 136061
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.8 0.0 30.8

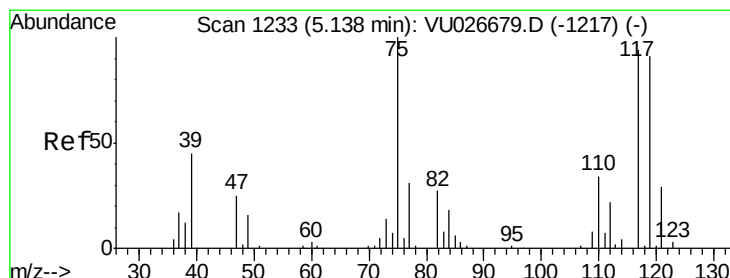
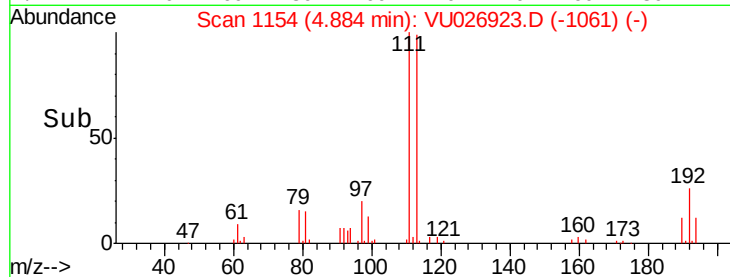
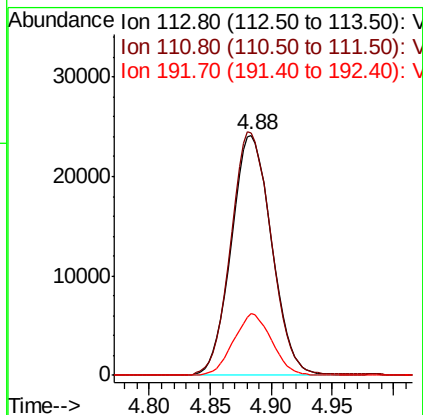
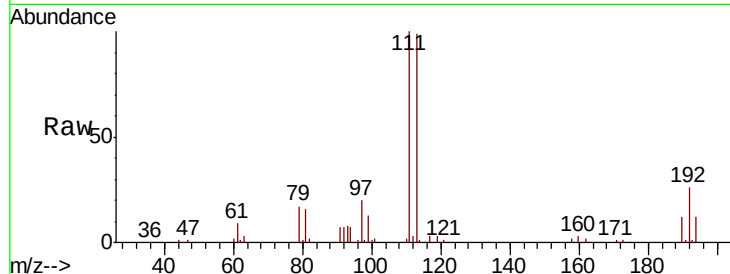




#35
 Dibromofluoromethane
 Concen: 49.857 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

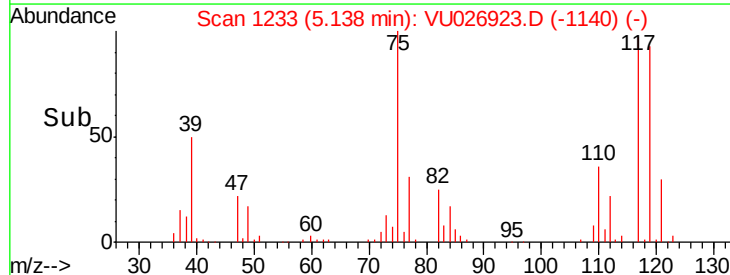
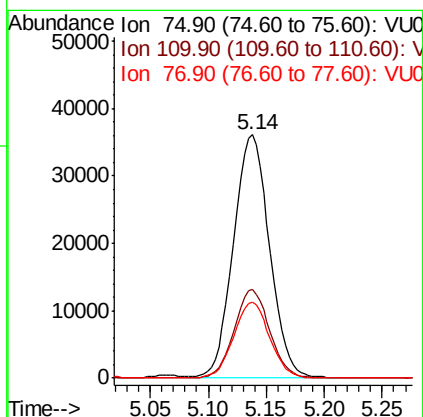
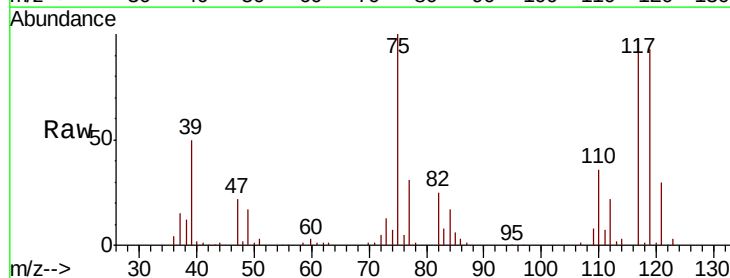
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

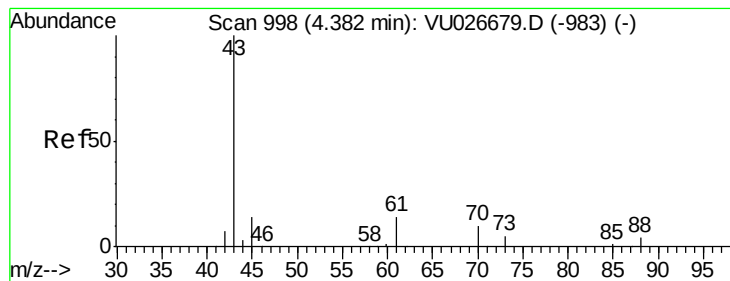
Tgt Ion: 113 Resp: 55334
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.1 124.7
 192 24.2 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 51.109 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 75 Resp: 78076
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.3 51.9
 77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 46.301 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

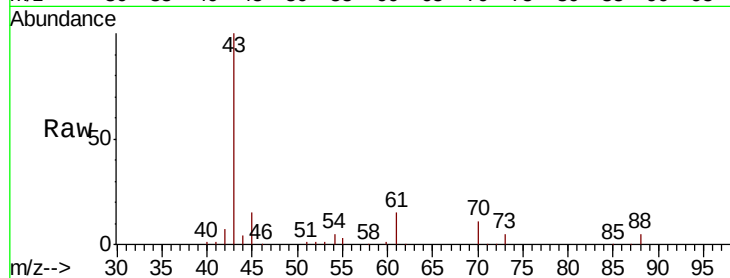
Tgt Ion: 43 Resp: 85055

Ion Ratio Lower Upper

43 100

61 14.3 11.5 17.3

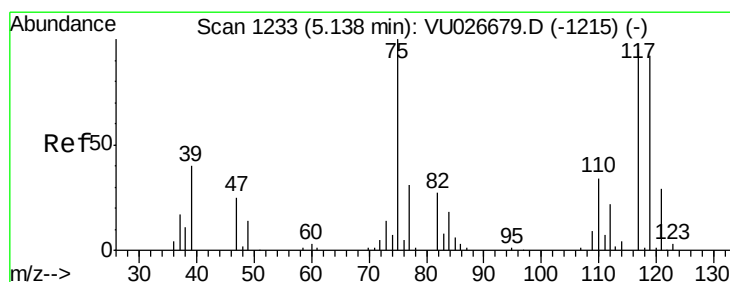
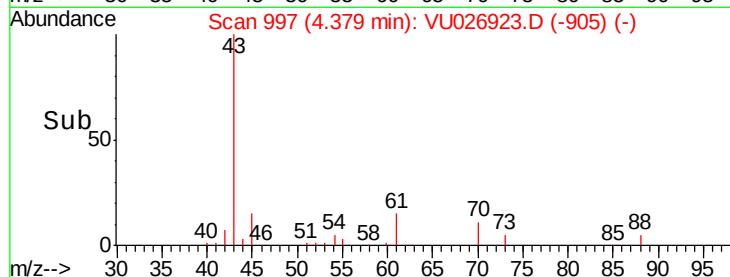
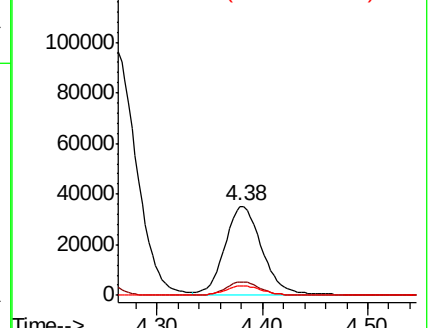
70 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU026679.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU026679.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 50.215 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

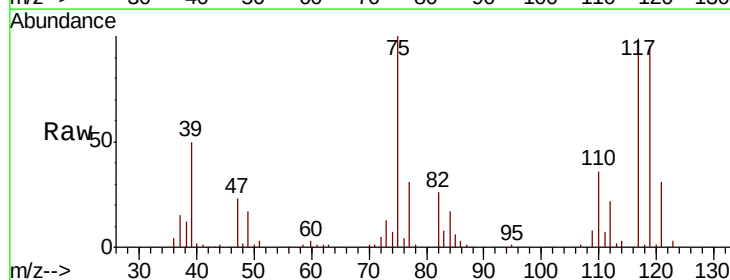
Tgt Ion: 117 Resp: 81046

Ion Ratio Lower Upper

117 100

119 96.7 77.8 116.8

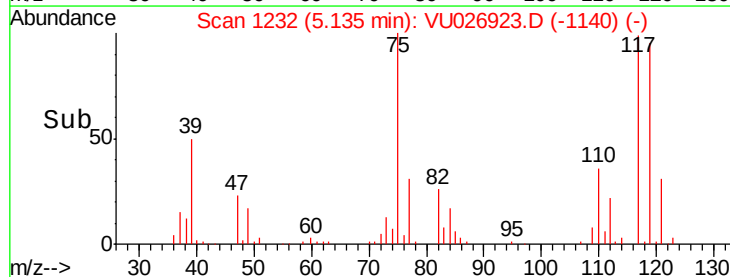
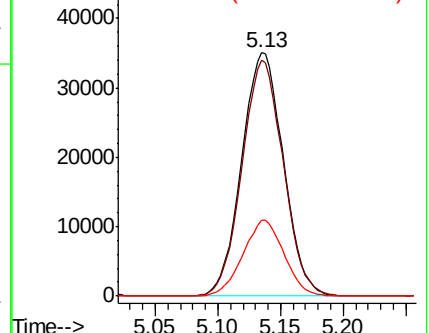
121 31.1 25.0 37.4

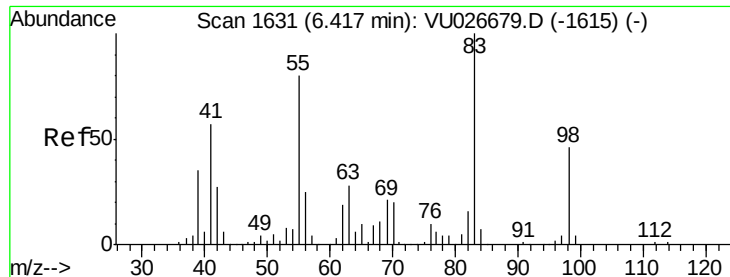


Abundance Ion 116.80 (116.50 to 117.50): VU026679.D (-1215) (-)

Ion 118.80 (118.50 to 119.50): VU026679.D (-1215) (-)

Ion 120.80 (120.50 to 121.50): VU026679.D (-1215) (-)

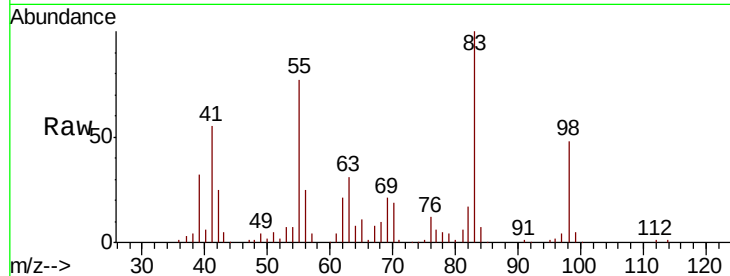




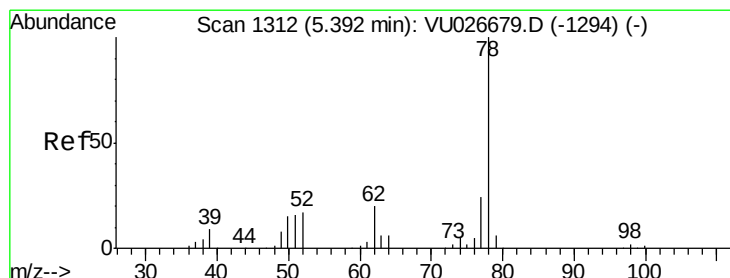
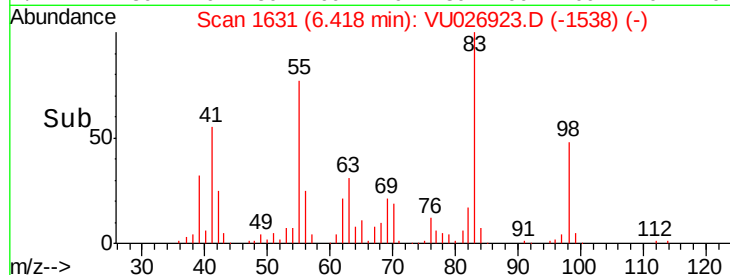
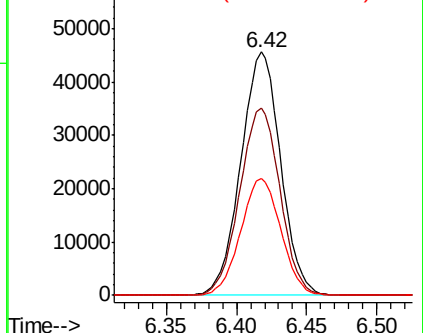
#39
Methylcyclohexane
Concen: 49.770 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90271
Ion Ratio Lower Upper
83 100
55 77.2 63.8 95.6
98 48.1 37.2 55.8

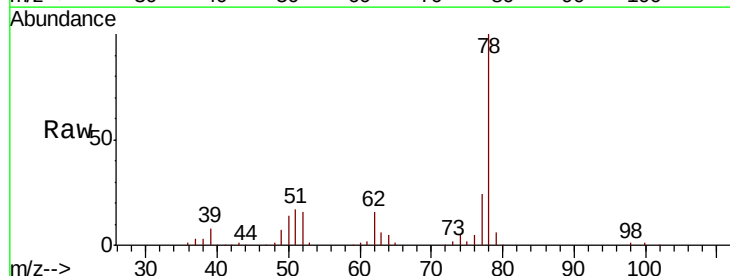


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

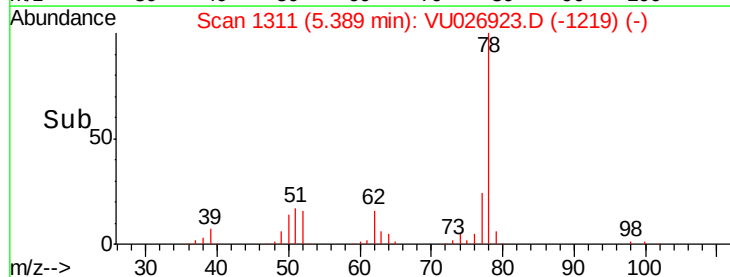
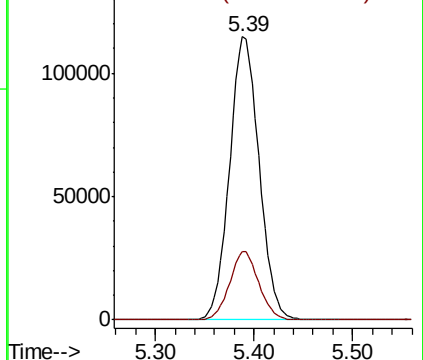


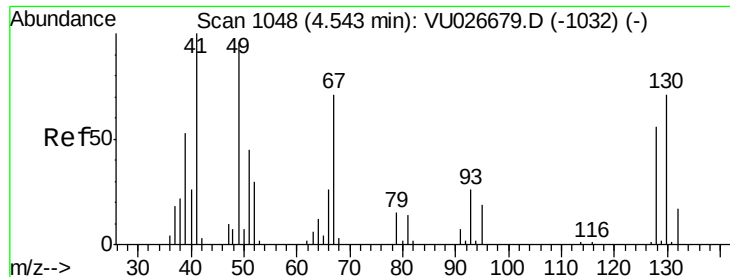
#40
Benzene
Concen: 50.621 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 78 Resp: 240153
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



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

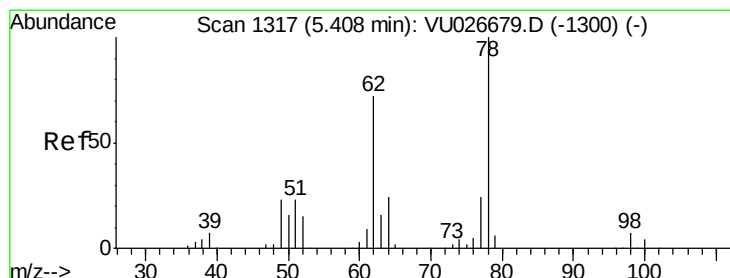
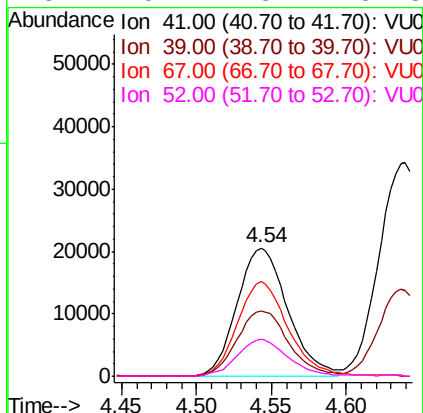
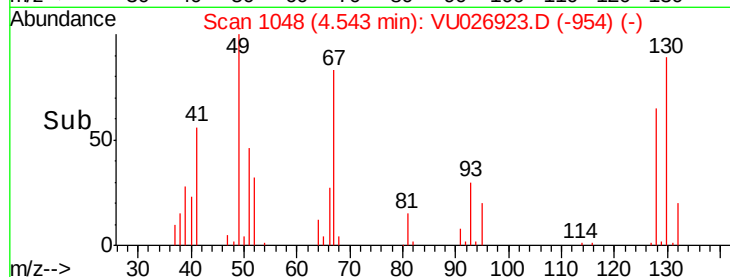
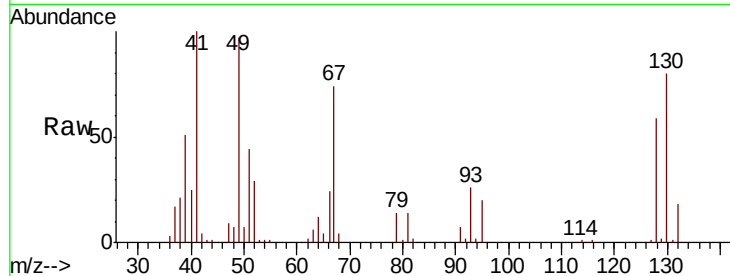




#41
Methacrylonitrile
Concen: 46.809 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

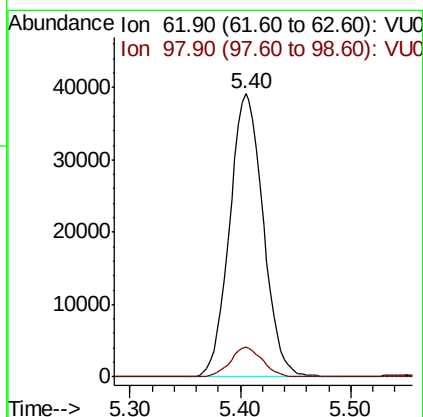
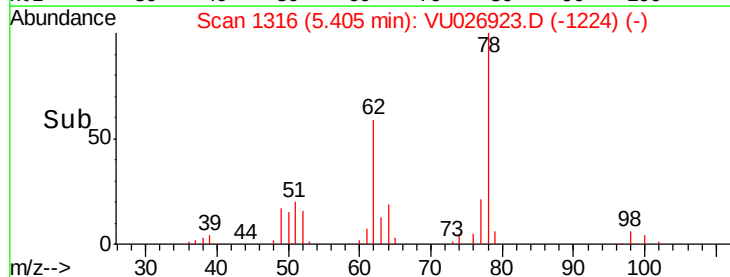
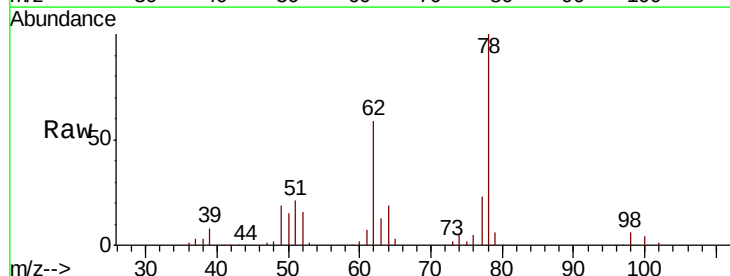
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

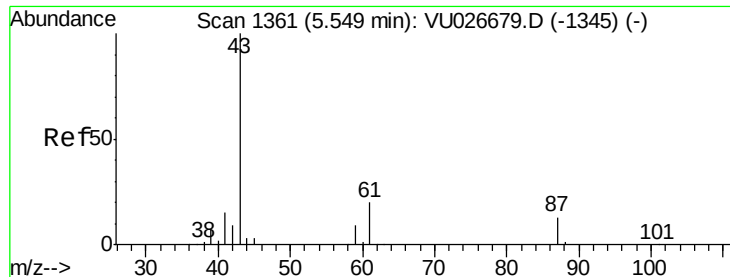
Tgt Ion:	41	Resp:	48406
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.9	64.3
67	73.4	56.6	84.8
52	29.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 48.796 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion:	62	Resp:	82547
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	17.8

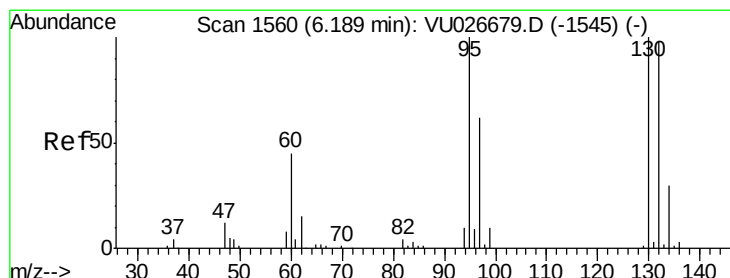
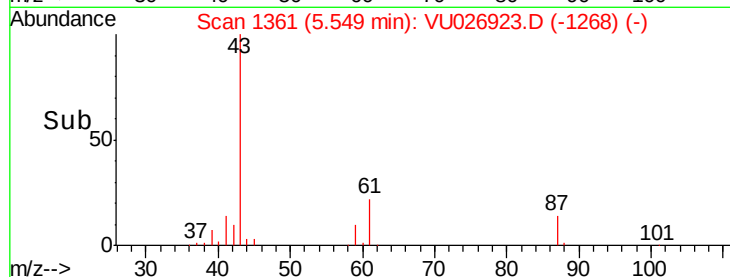
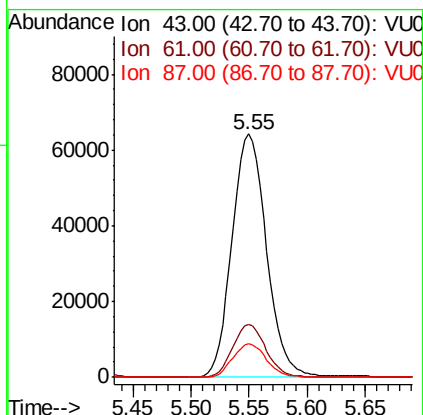
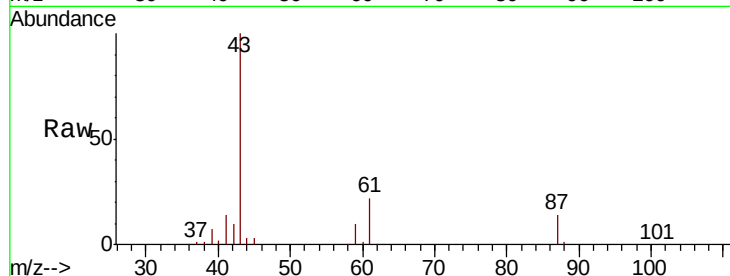




#43
Isopropyl Acetate
Concen: 47.674 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

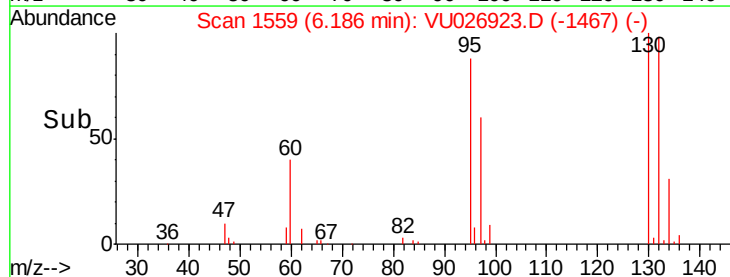
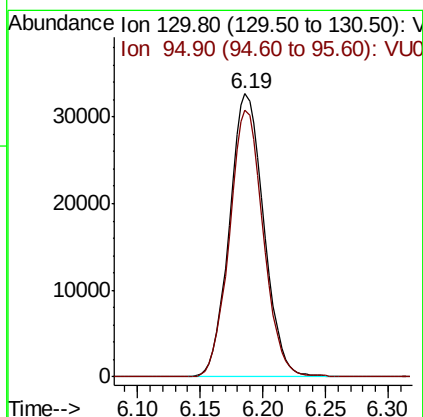
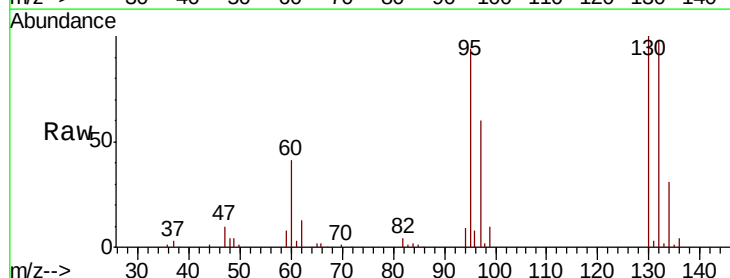
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

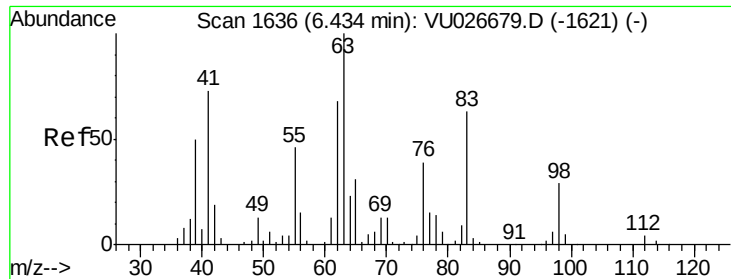
Tgt Ion: 43 Resp: 133350
Ion Ratio Lower Upper
43 100
61 21.0 16.0 24.0
87 13.5 10.1 15.1



#44
Trichloroethene
Concen: 52.944 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion:130 Resp: 62164
Ion Ratio Lower Upper
130 100
95 94.3 0.0 199.4

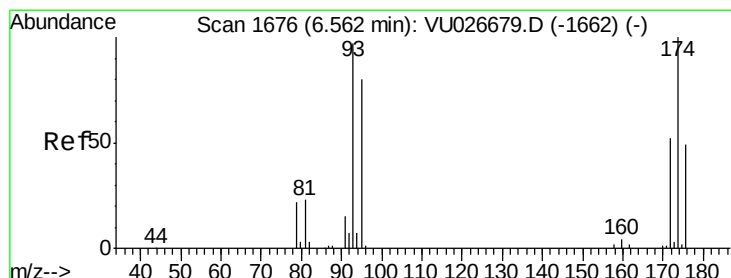
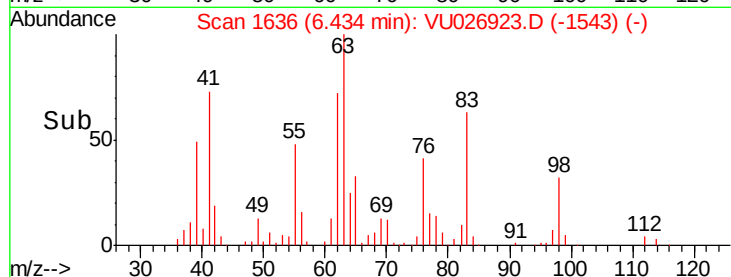
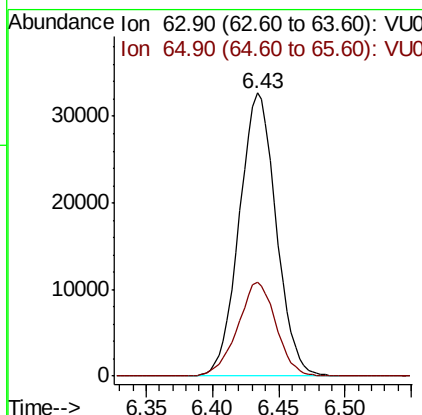
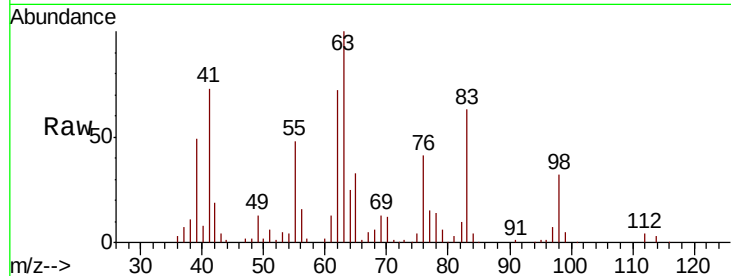




#45
 1,2-Dichloropropane
 Concen: 49.003 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

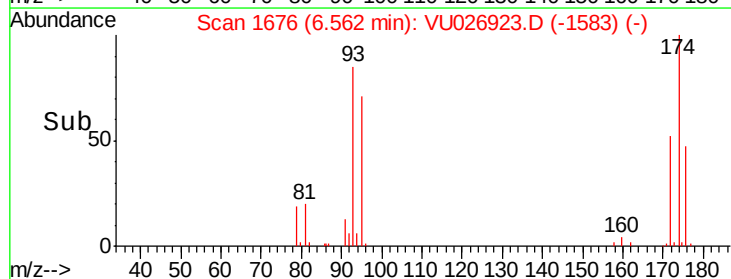
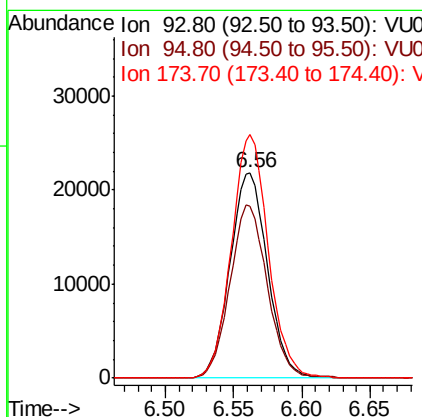
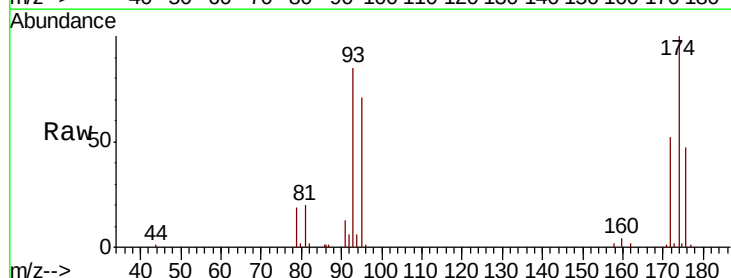
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

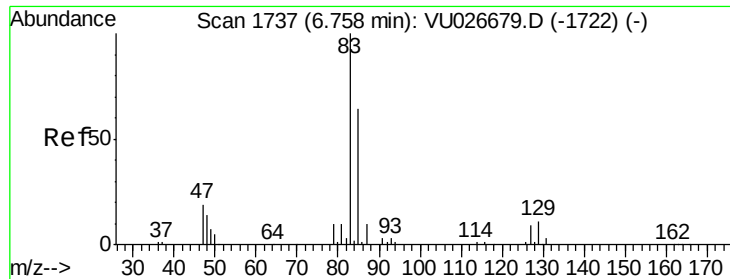
Tgt Ion: 63 Resp: 63197
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.0 37.4



#46
 Dibromomethane
 Concen: 50.059 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 93 Resp: 41661
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.4 98.2
 174 116.7 81.6 122.4

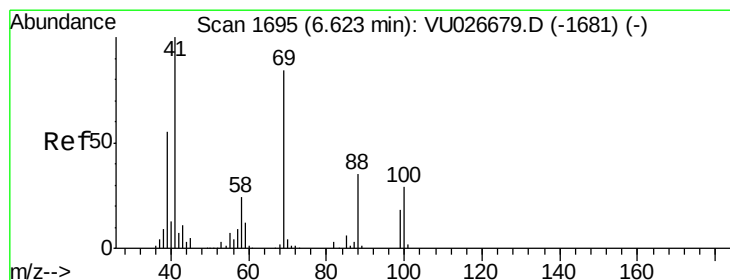
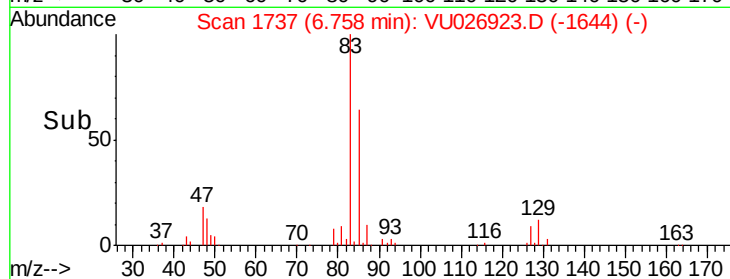
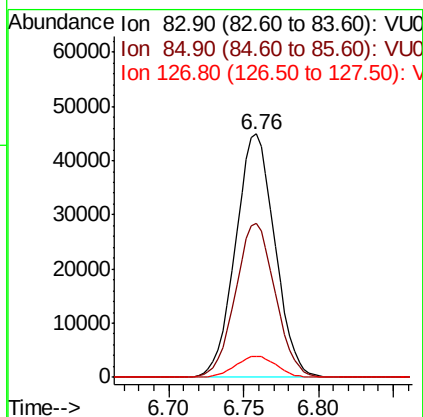
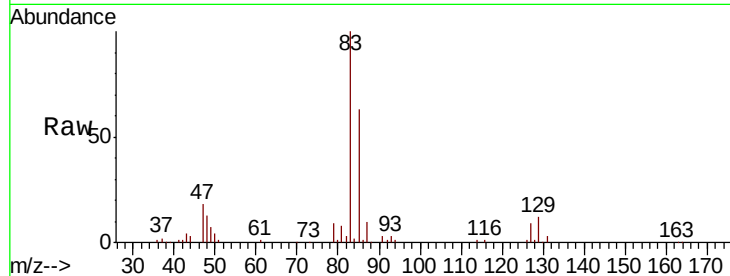




#47
 Bromodichloromethane
 Concen: 50.153 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

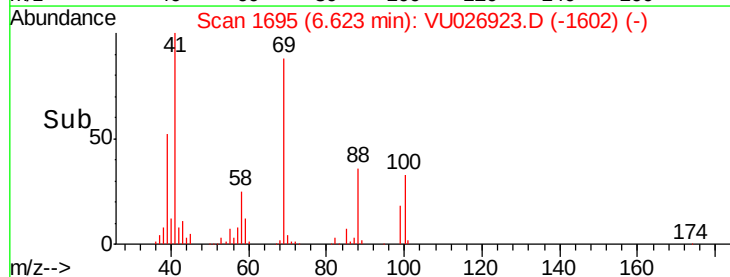
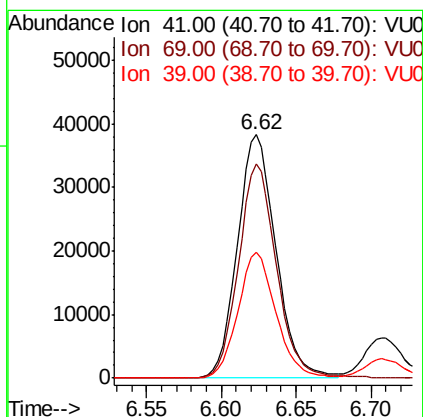
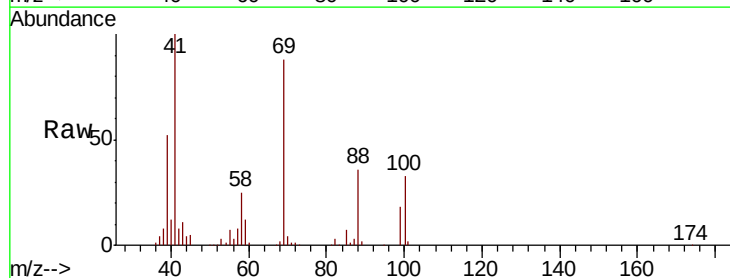
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

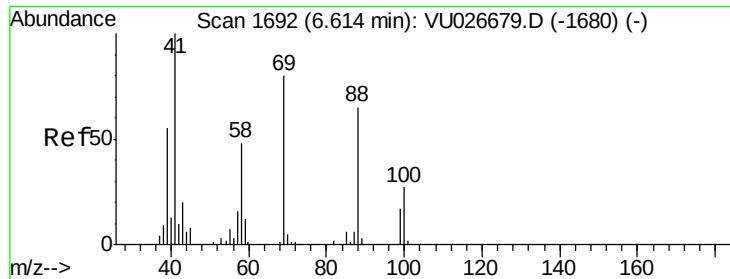
Tgt Ion: 83 Resp: 82190
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.1 76.7
 127 8.7 6.9 10.3



#48
 Methyl methacrylate
 Concen: 44.991 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 41 Resp: 68567
 Ion Ratio Lower Upper
 41 100
 69 86.9 66.6 99.8
 39 51.0 43.6 65.4

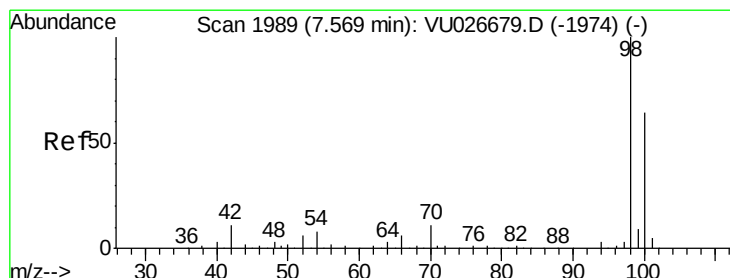
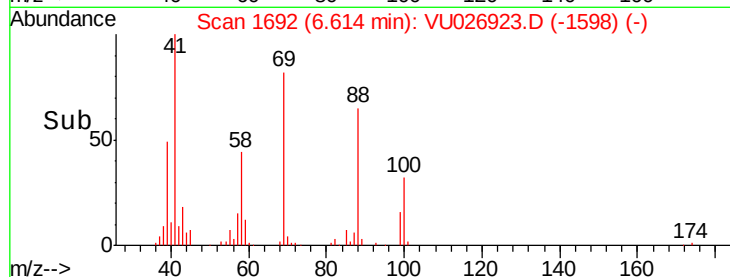
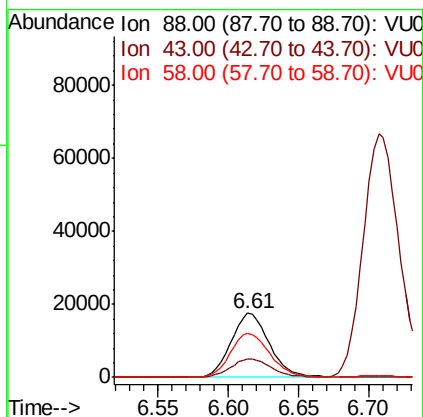
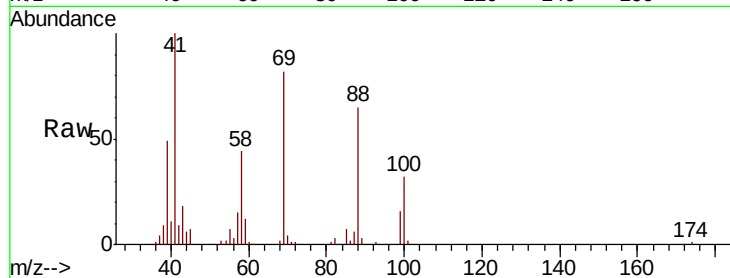




#49
1,4-Dioxane
Concen: 955.727 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

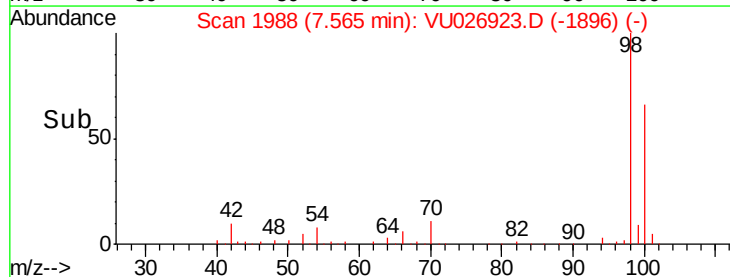
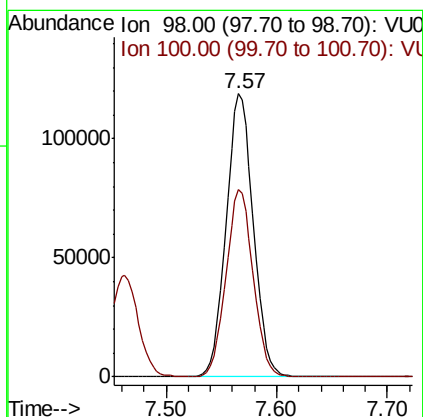
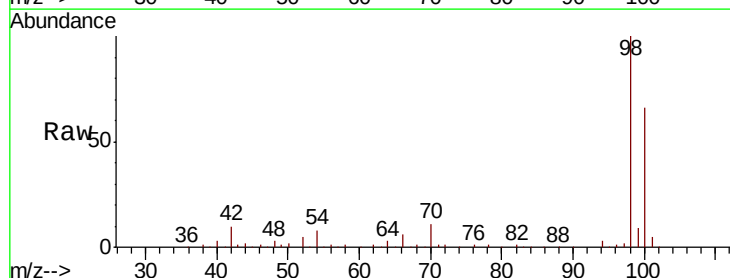
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

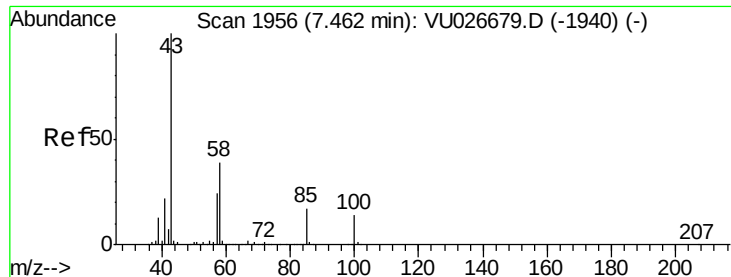
Tgt Ion: 88 Resp: 33448
Ion Ratio Lower Upper
88 100
43 30.2 25.5 38.3
58 70.9 58.2 87.4



#50
Toluene-d8
Concen: 49.442 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 98 Resp: 202952
Ion Ratio Lower Upper
98 100
100 66.1 51.2 76.8

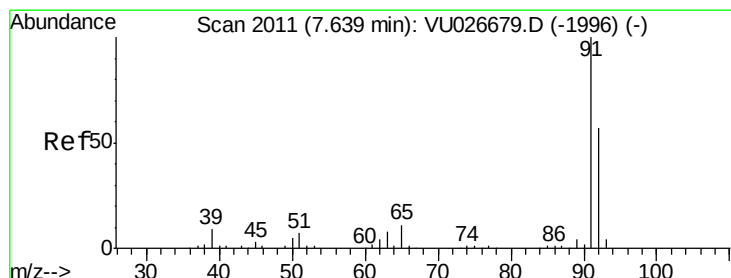
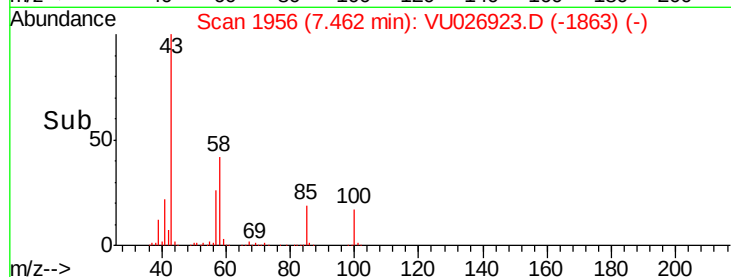
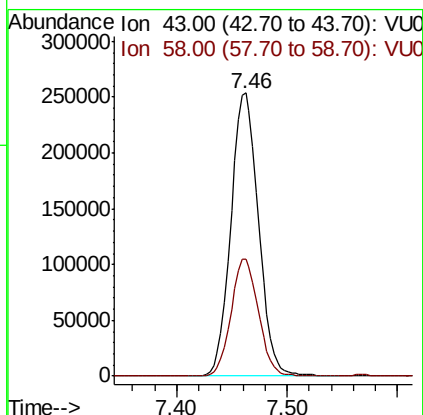
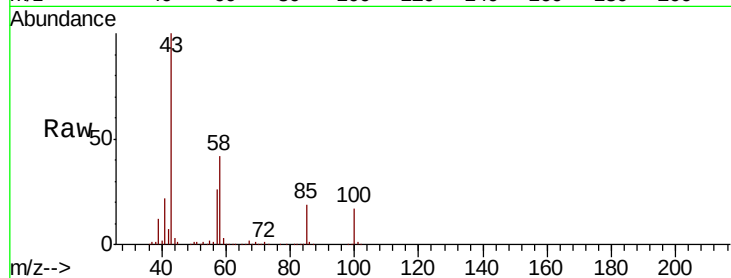




#51
 4-Methyl-2-Pentanone
 Concen: 236.217 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

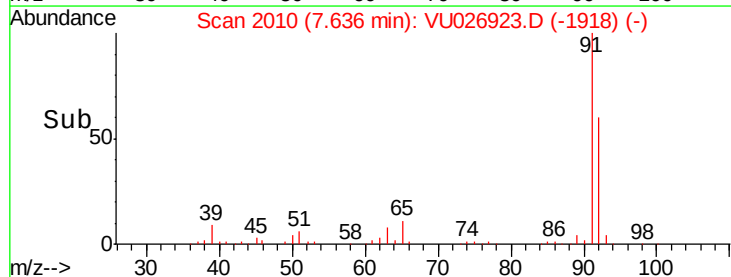
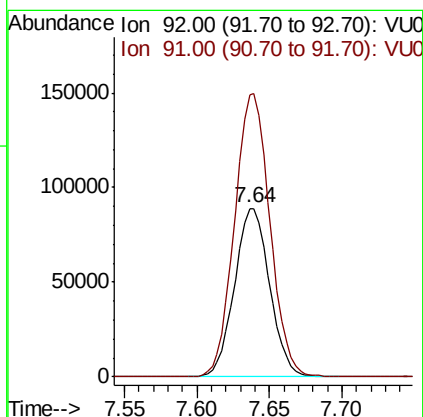
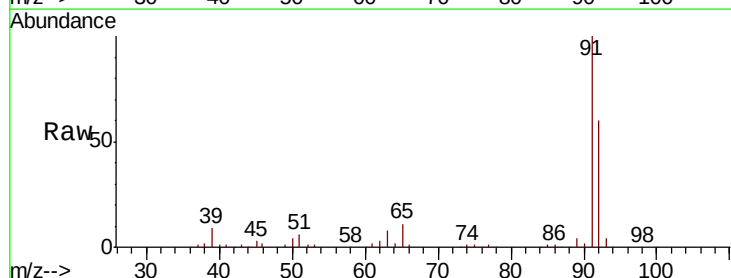
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

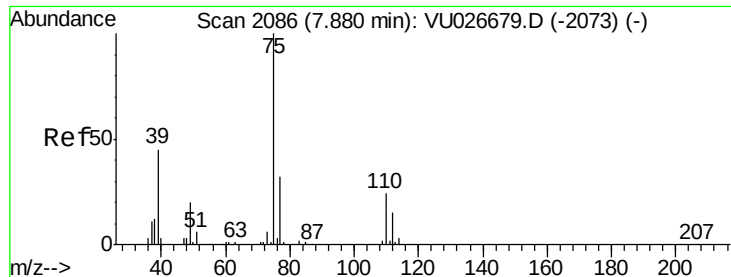
Tgt Ion: 43 Resp: 441953
 Ion Ratio Lower Upper
 43 100
 58 41.1 31.1 46.7



#52
 Toluene
 Concen: 53.118 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 92 Resp: 150106
 Ion Ratio Lower Upper
 92 100
 91 169.4 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 48.237 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

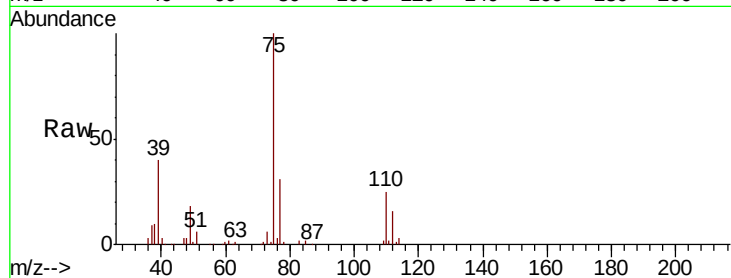
VSTDCCC050EC

Tgt Ion: 75 Resp: 87683

Ion Ratio Lower Upper

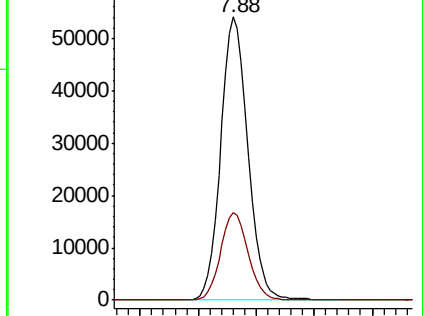
75 100

77 30.8 25.2 37.8

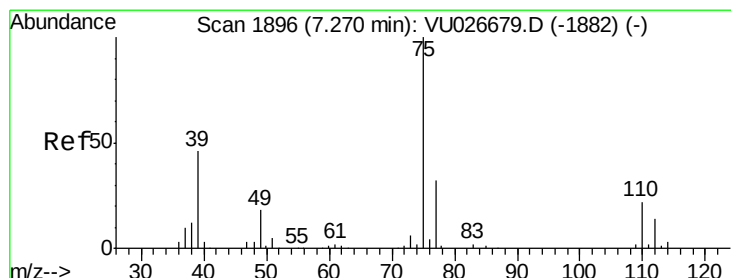
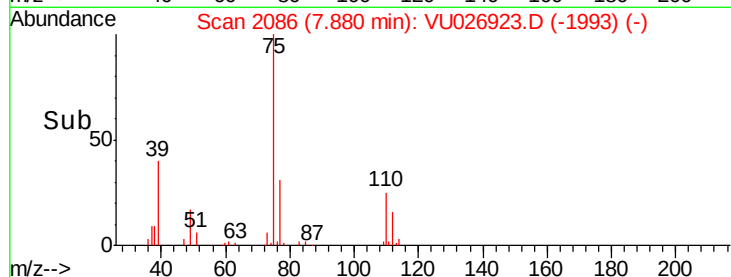


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



Time--> 7.80 7.85 7.90 7.95 8.00



#54

cis-1,3-Dichloropropene

Concen: 48.467 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

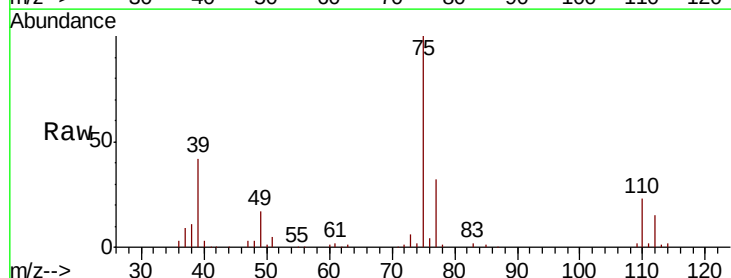
Tgt Ion: 75 Resp: 94603

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

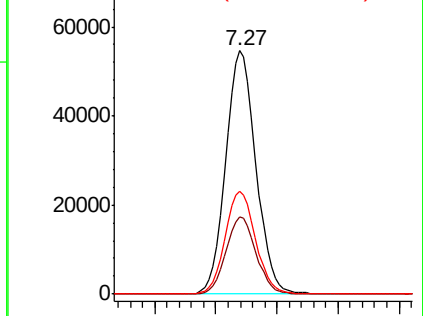
39 42.1 37.0 55.6



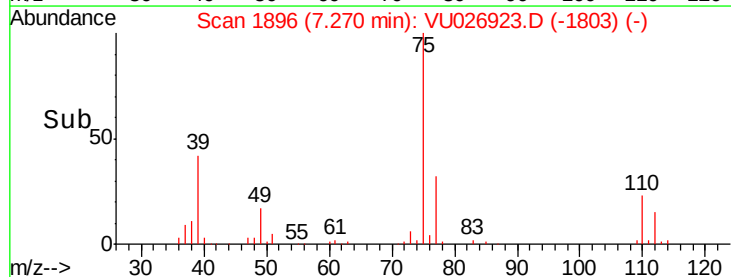
Abundance Ion 74.90 (74.60 to 75.60): VU0

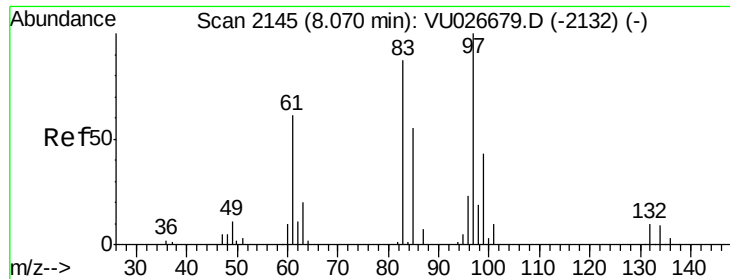
Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0



Time--> 7.20 7.25 7.30 7.35

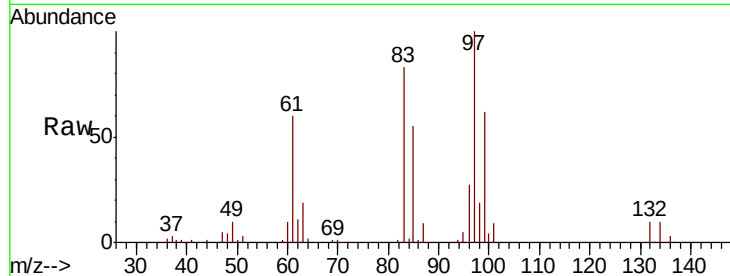




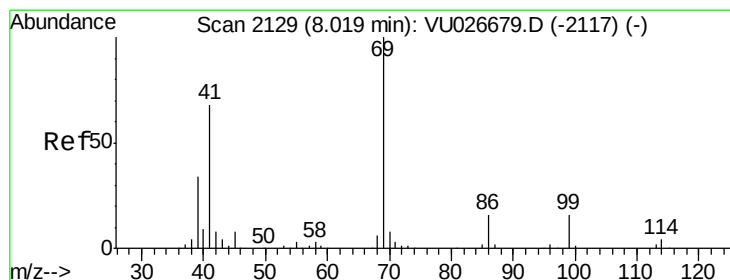
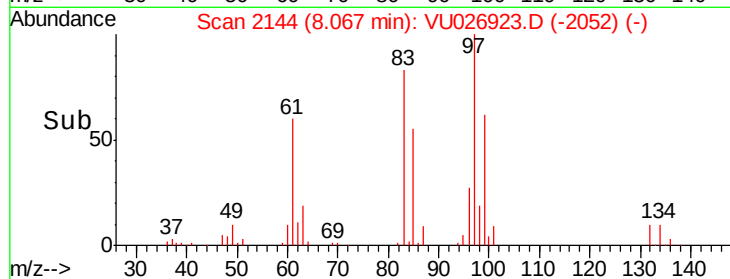
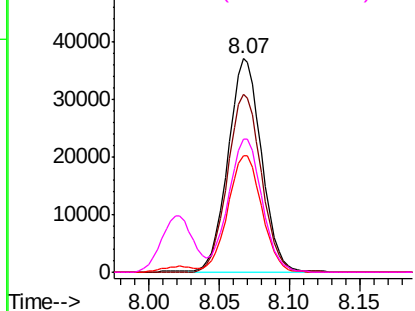
#55
 1,1,2-Trichloroethane
 Concen: 50.907 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	61636
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.3	103.9
85	54.8	45.9	68.9
99	62.2	50.1	75.1

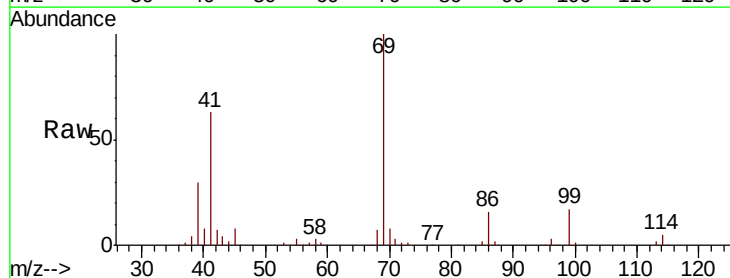


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

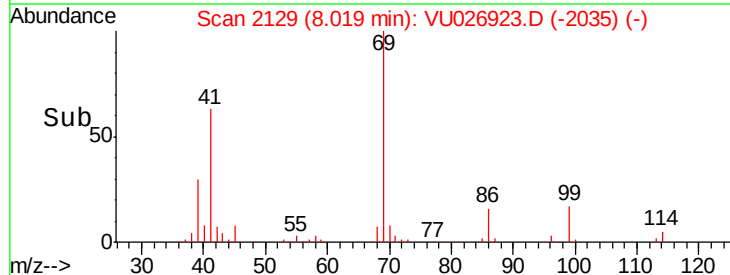
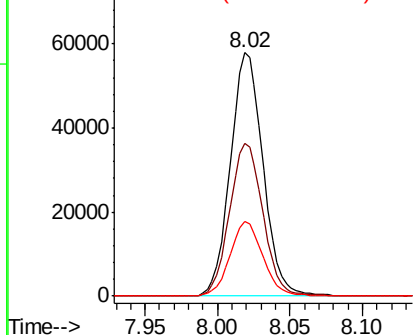


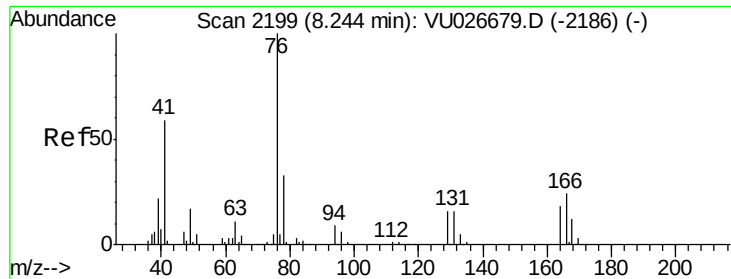
#56
 Ethyl methacrylate
 Concen: 44.719 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion:	69	Resp:	90560
Ion	Ratio	Lower	Upper
69	100		
41	64.0	54.2	81.2
39	31.0	28.4	42.6



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

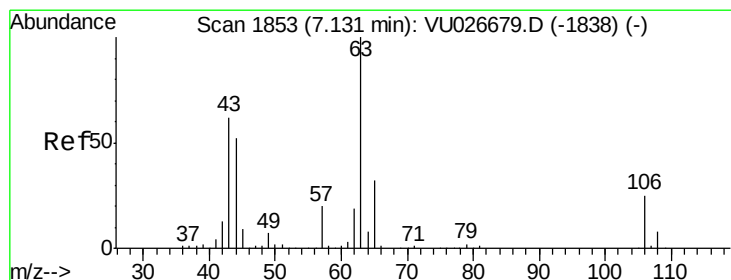
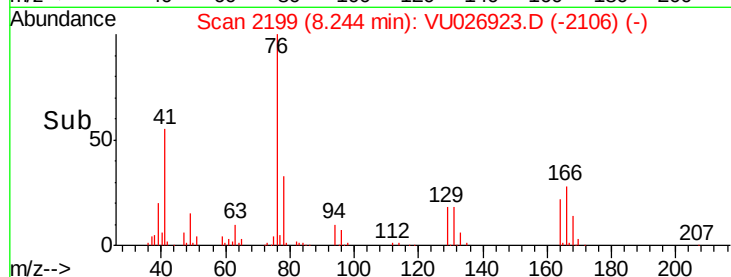
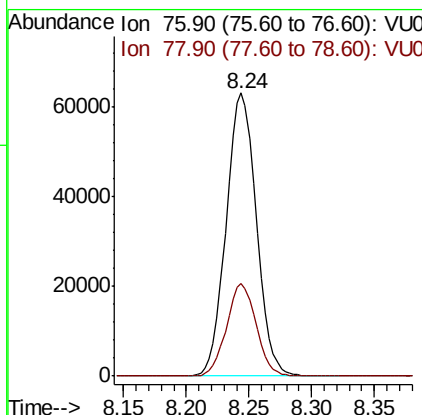
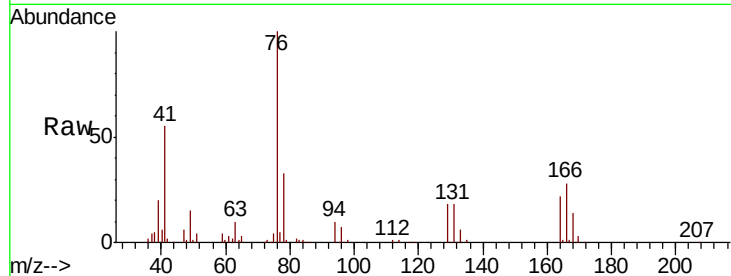




#57
 1,3-Dichloropropane
 Concen: 51.063 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

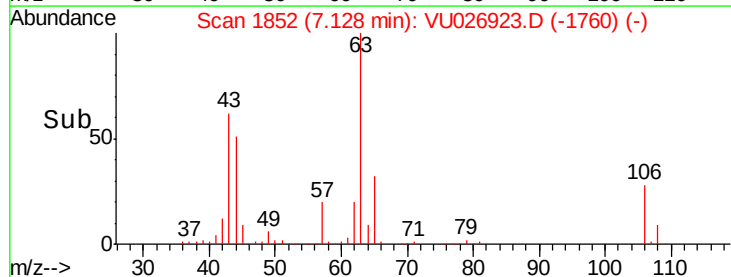
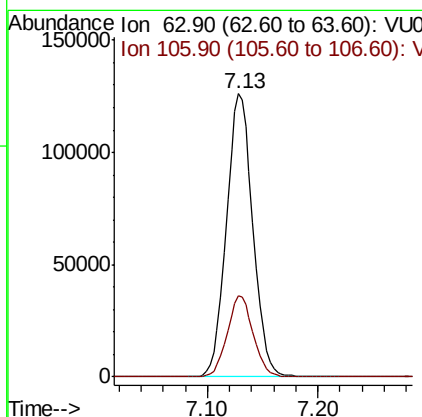
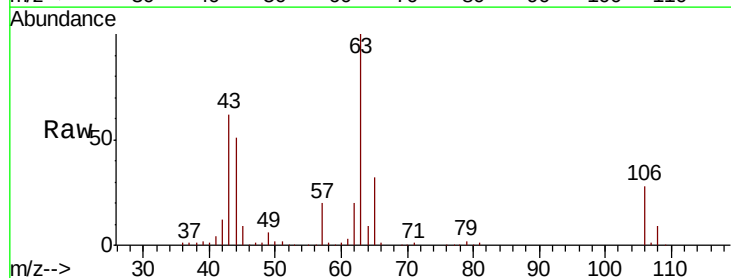
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

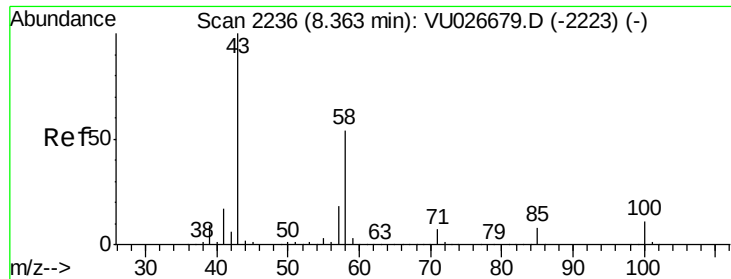
Tgt Ion: 76 Resp: 105377
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 215.993 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 63 Resp: 208565
 Ion Ratio Lower Upper
 63 100
 106 28.1 20.5 30.7

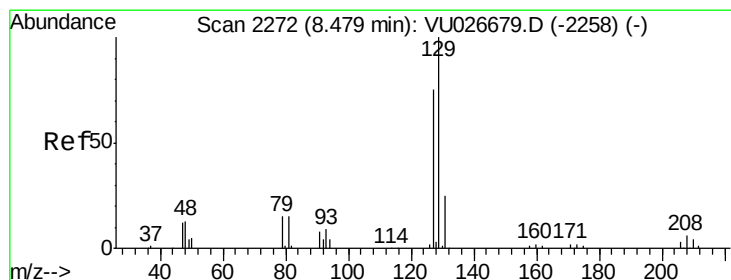
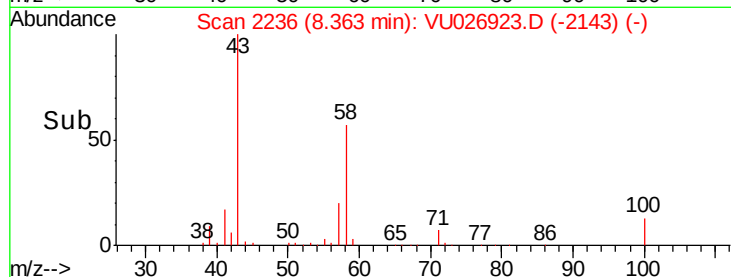
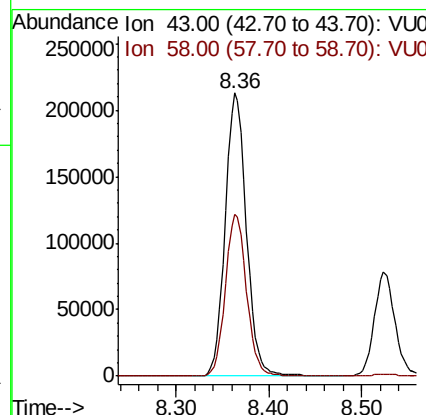
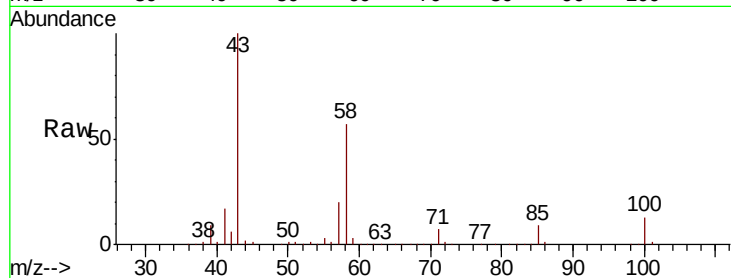




#59
 2-Hexanone
 Concen: 229.669 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

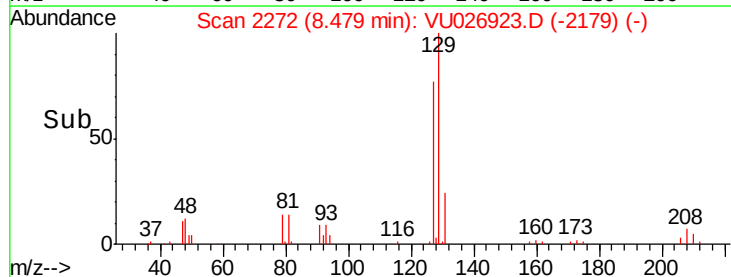
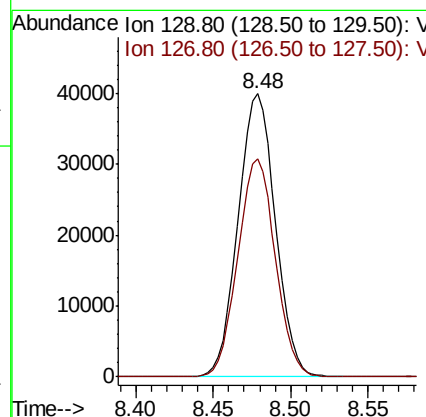
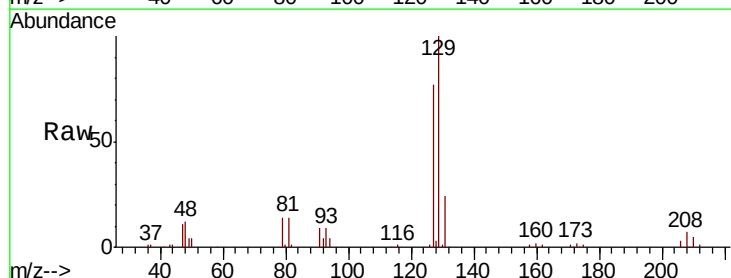
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

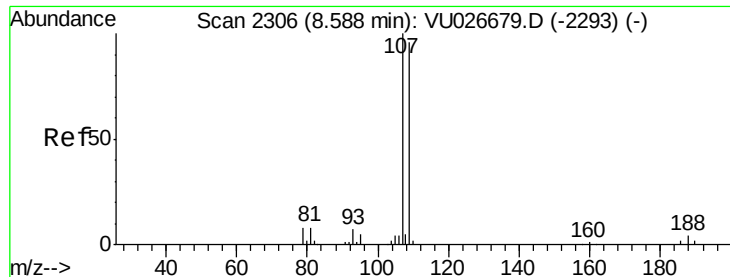
Tgt Ion: 43 Resp: 338177
 Ion Ratio Lower Upper
 43 100
 58 57.3 26.9 80.7



#60
 Dibromochloromethane
 Concen: 50.960 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 129 Resp: 66824
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.943 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

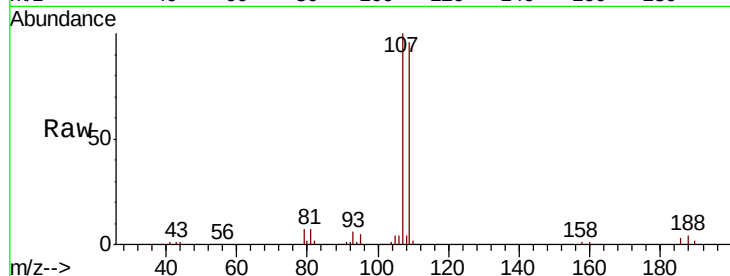
VSTDCCC050EC

Tgt Ion: 107 Resp: 65611

Ion Ratio Lower Upper

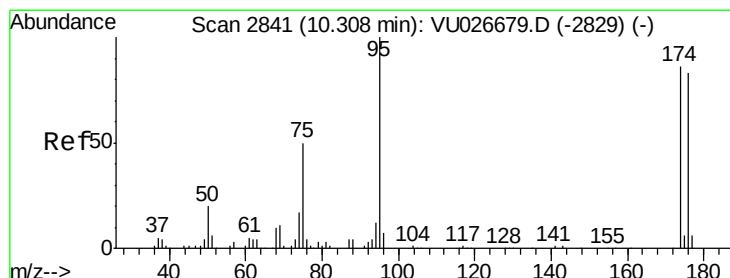
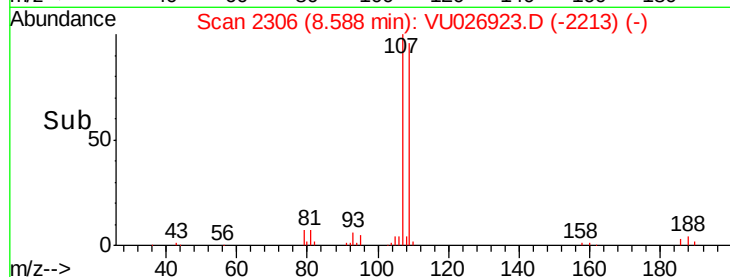
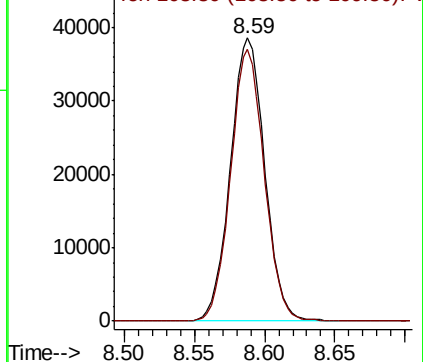
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.581 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

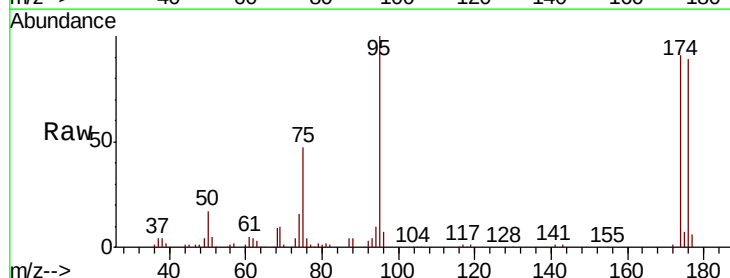
Tgt Ion: 95 Resp: 73763

Ion Ratio Lower Upper

95 100

174 93.3 0.0 172.8

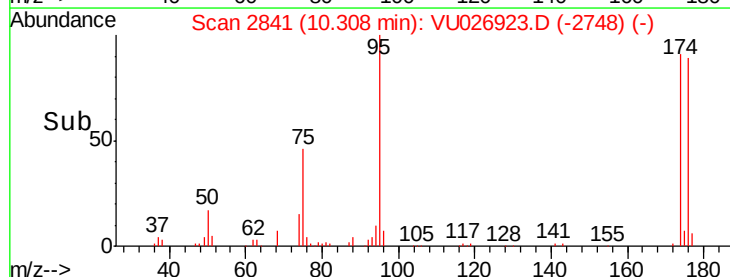
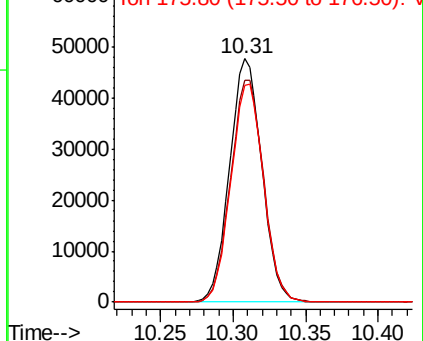
176 90.6 0.0 168.6

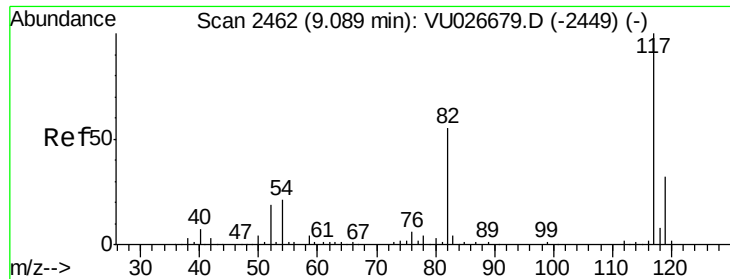


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

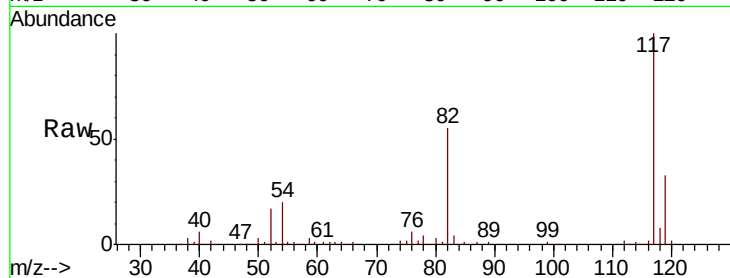




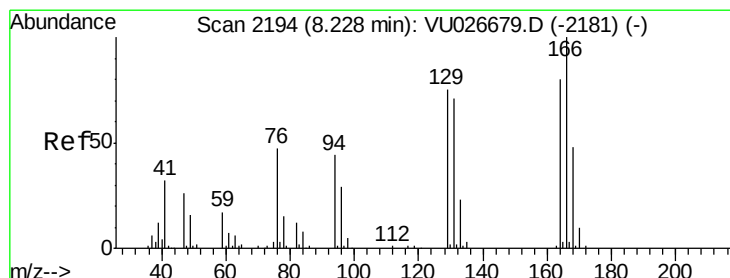
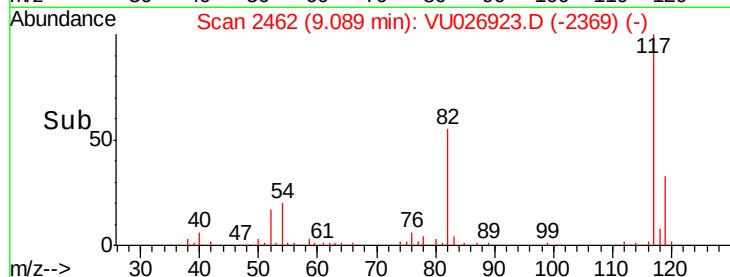
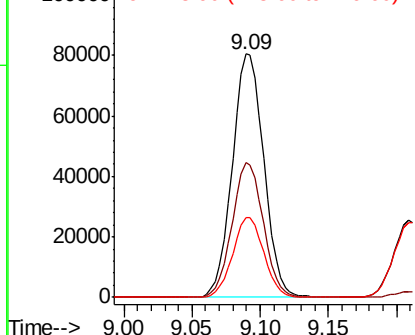
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 129547
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 32.9 25.7 38.5



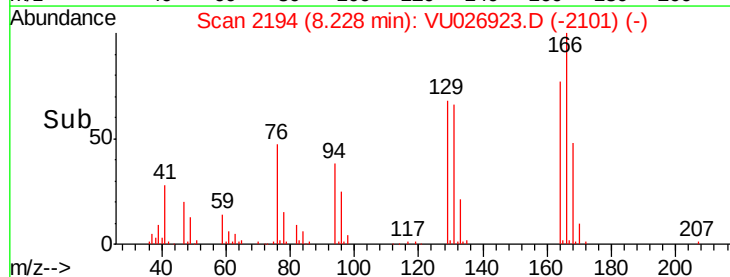
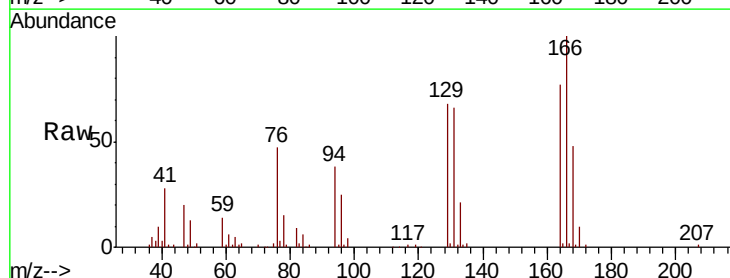
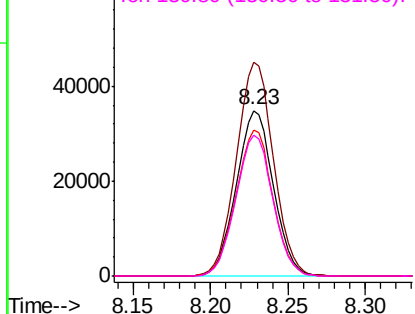
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

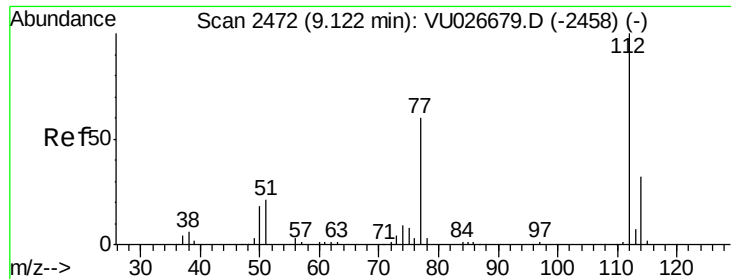


#64
Tetrachloroethene
Concen: 56.306 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion:164 Resp: 58056
Ion Ratio Lower Upper
164 100
166 129.2 100.5 150.7
129 88.0 75.3 112.9
131 85.2 71.4 107.2

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

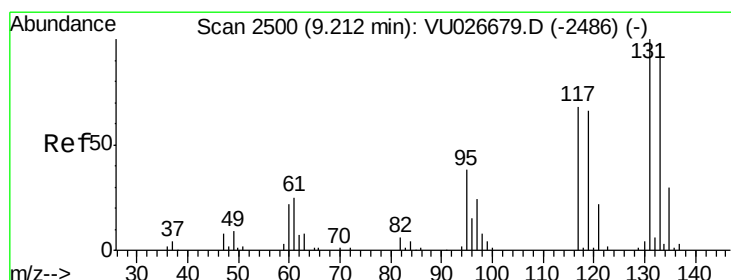
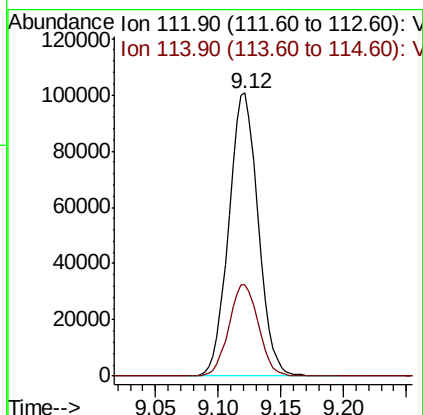
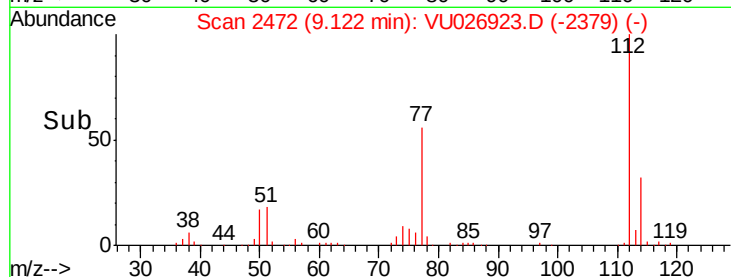
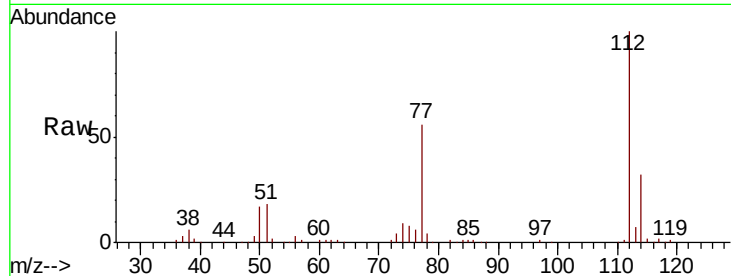




#65
Chlorobenzene
Concen: 51.071 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

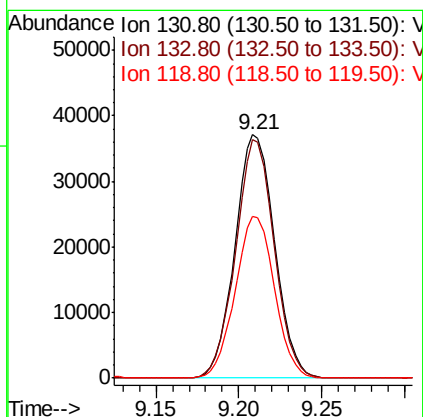
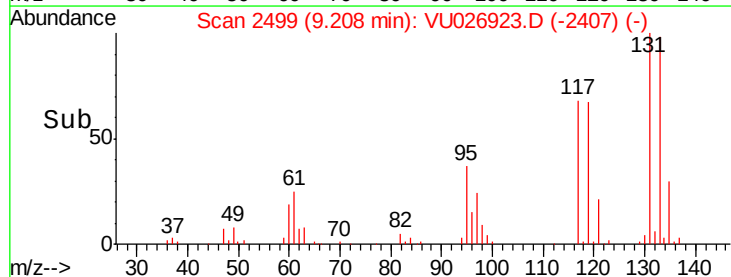
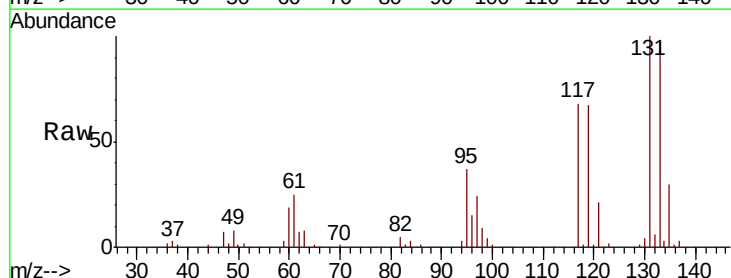
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

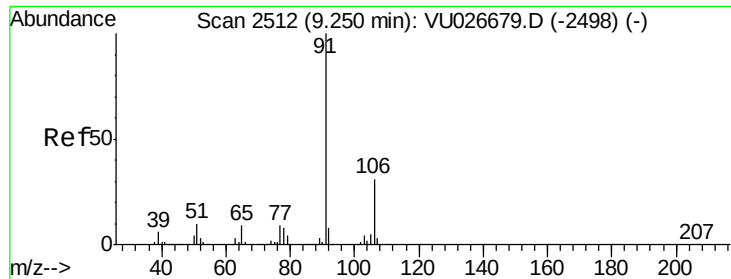
Tgt Ion:112 Resp: 164374
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.095 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion:131 Resp: 61691
Ion Ratio Lower Upper
131 100
133 95.5 48.9 146.6
119 65.8 32.7 98.1

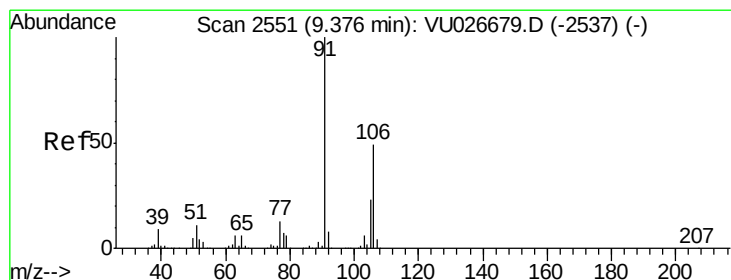
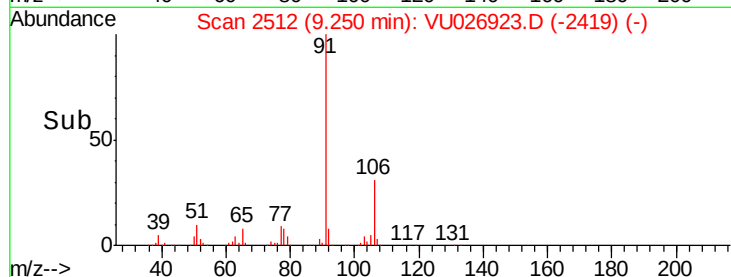
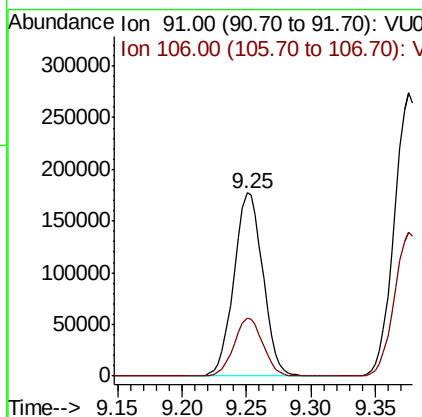
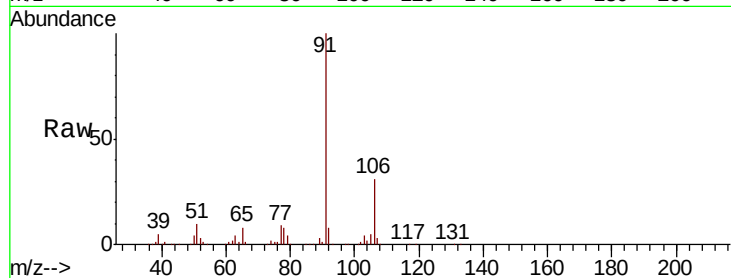




#67
 Ethyl Benzene
 Concen: 52.304 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

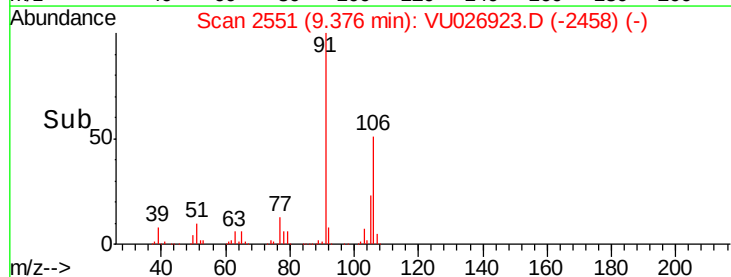
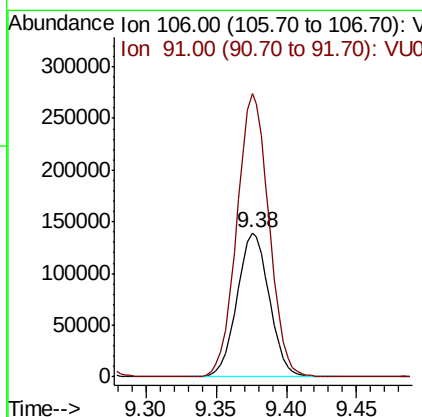
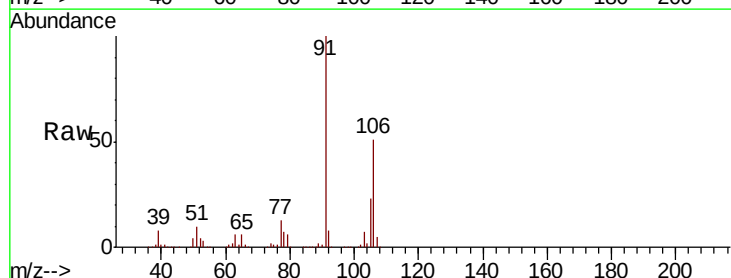
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

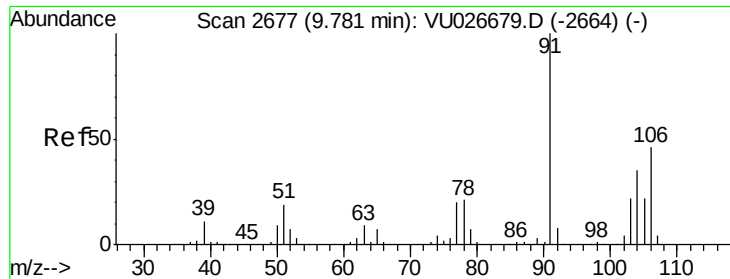
Tgt Ion: 91 Resp: 277305
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.0 37.4



#68
 m/p-Xylenes
 Concen: 110.886 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 106 Resp: 223640
 Ion Ratio Lower Upper
 106 100
 91 195.6 162.1 243.1

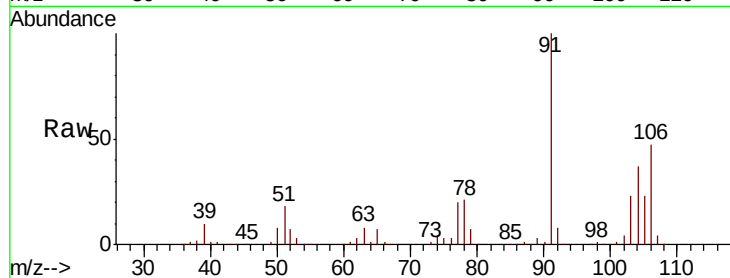




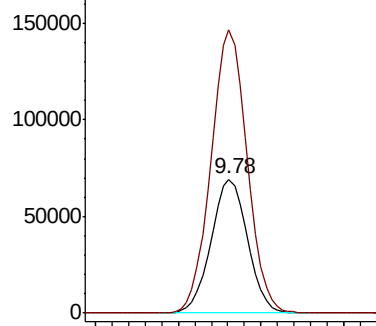
#69
o-Xylene
Concen: 49.149 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

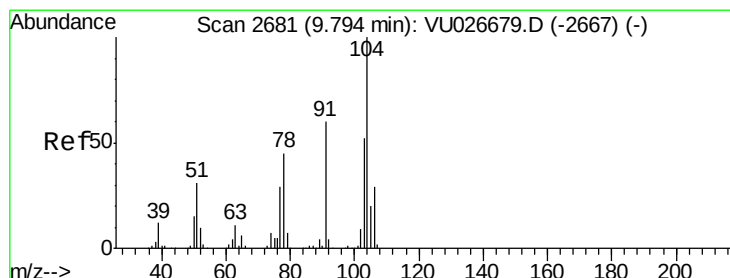
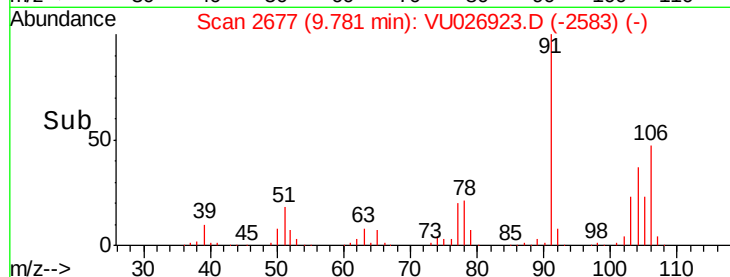
Tgt Ion:106 Resp: 105861
Ion Ratio Lower Upper
106 100
91 209.1 106.9 320.8



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

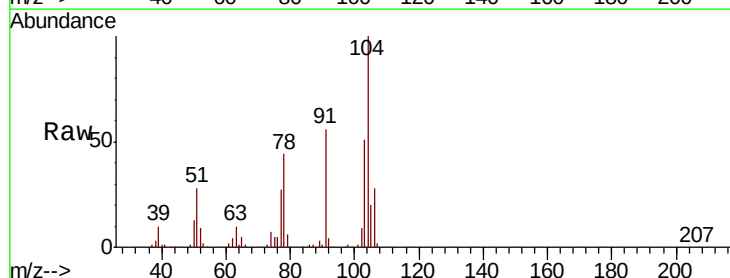


Time--> 9.70 9.75 9.80 9.85

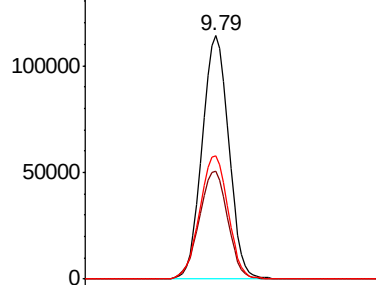


#70
Styrene
Concen: 49.709 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

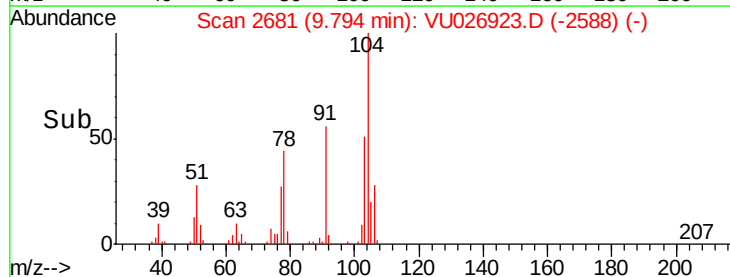
Tgt Ion:104 Resp: 180404
Ion Ratio Lower Upper
104 100
78 47.7 39.4 59.2
103 54.4 44.5 66.7

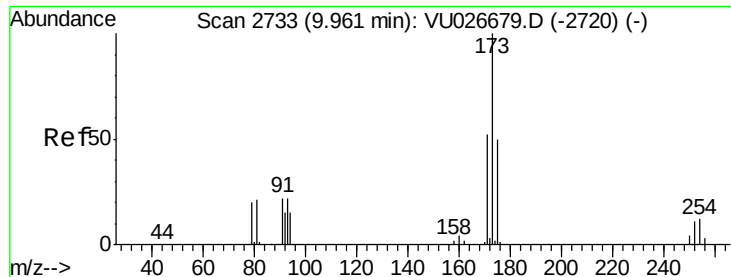


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time--> 9.70 9.75 9.80 9.85 9.90





#71

Bromoform

Concen: 52.244 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

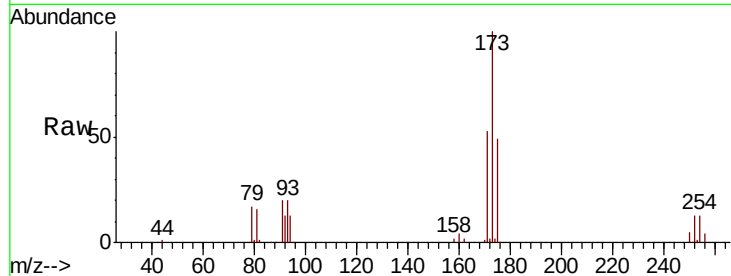
Tgt Ion:173 Resp: 53808

Ion Ratio Lower Upper

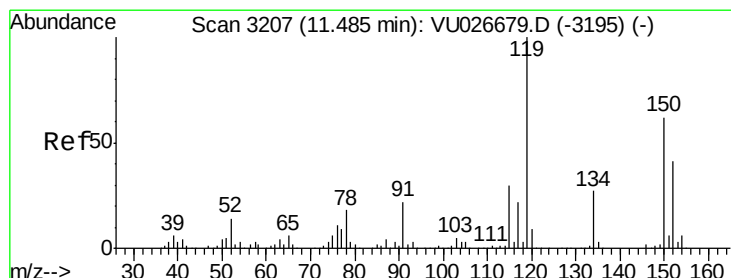
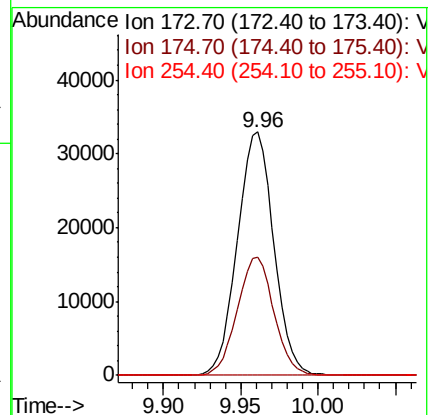
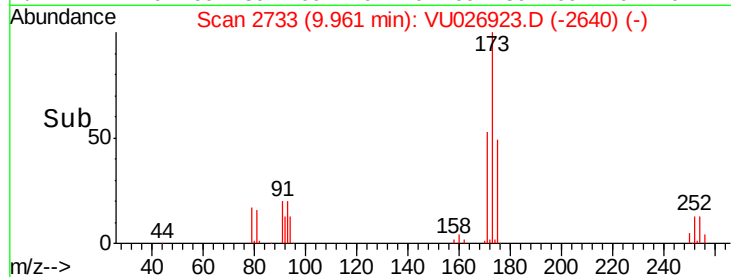
173 100

175 48.7 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

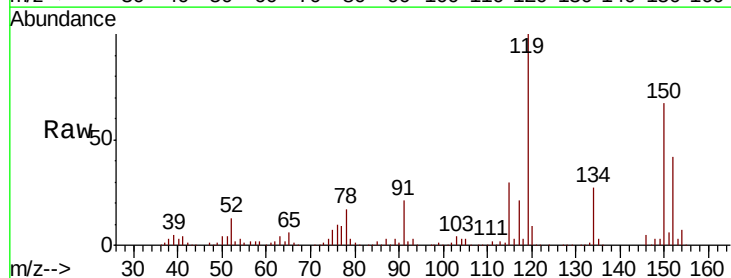
Tgt Ion:152 Resp: 82590

Ion Ratio Lower Upper

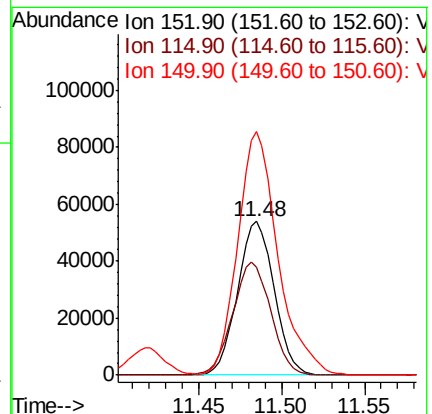
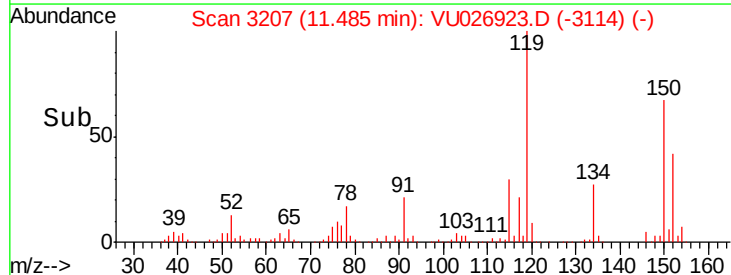
152 100

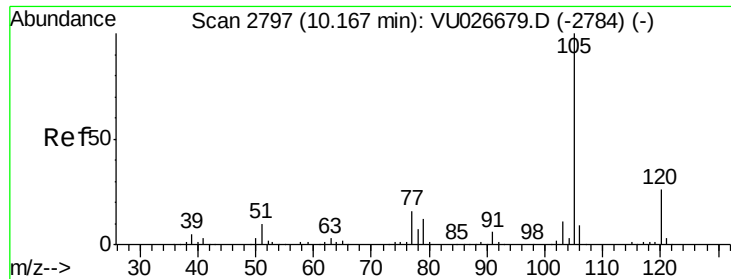
115 76.2 40.4 121.1

150 174.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 50.896 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

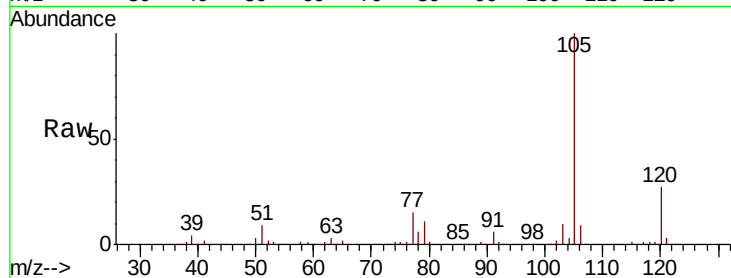
VSTDCCC050EC

Tgt Ion: 105 Resp: 286441

Ion Ratio Lower Upper

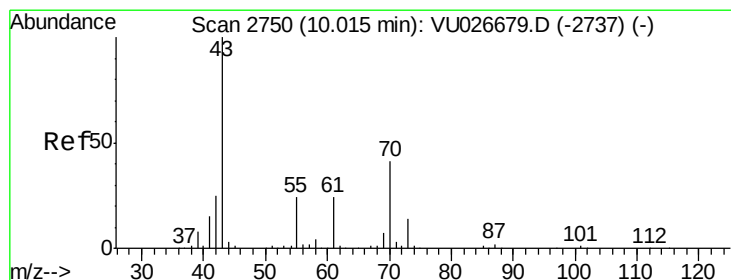
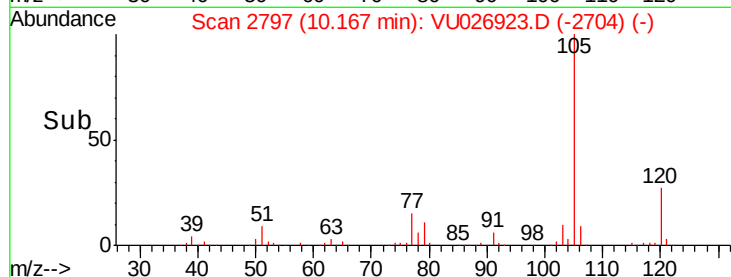
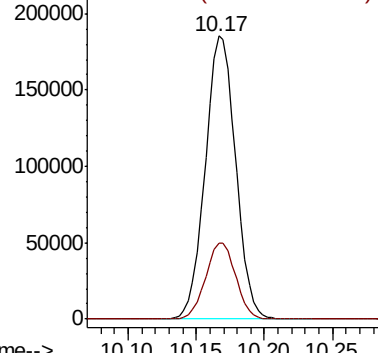
105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.726 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Tgt Ion: 43 Resp: 118839

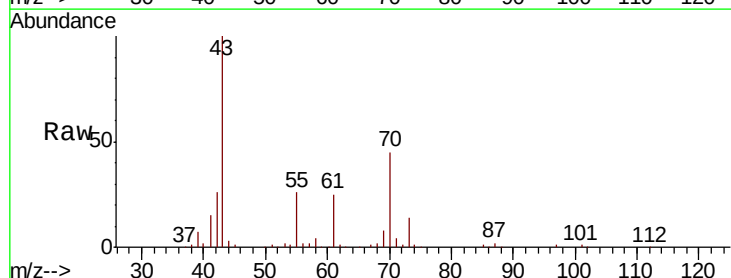
Ion Ratio Lower Upper

43 100

70 44.7 32.6 48.8

55 26.2 19.1 28.7

61 25.4 19.4 29.0

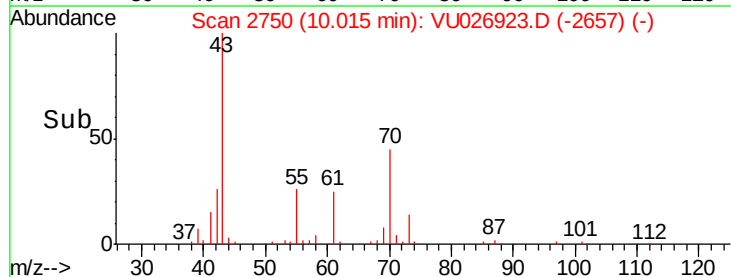
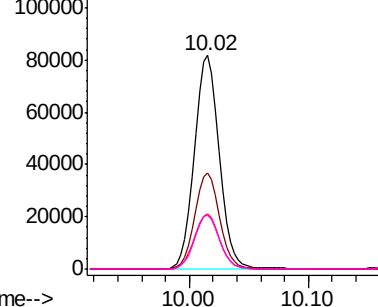


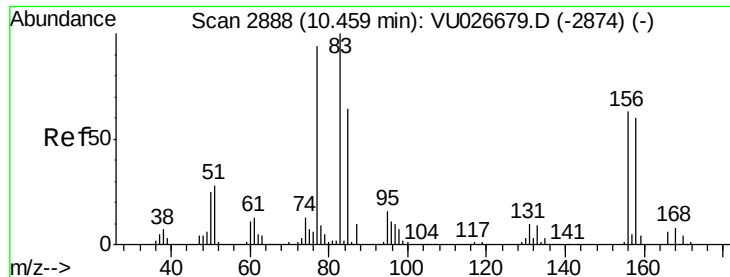
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.805 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

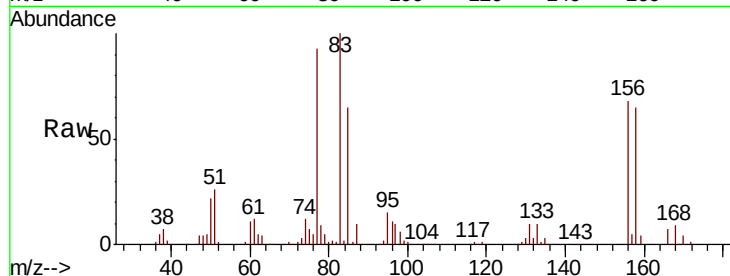
Tgt Ion: 83 Resp: 100475

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

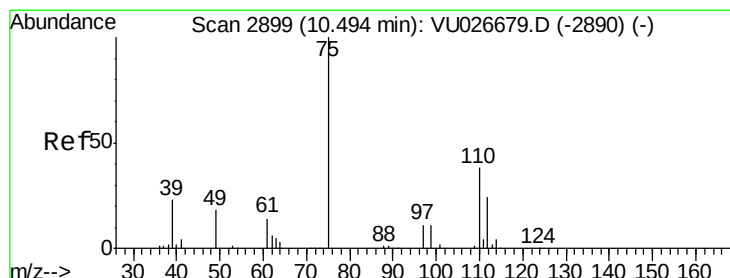
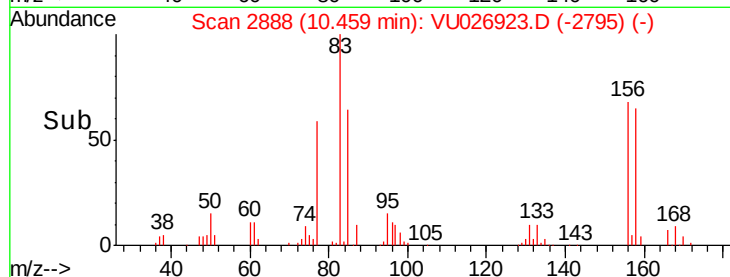
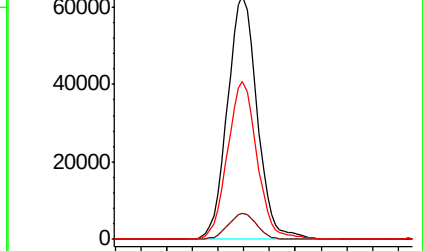
85 64.6 32.3 96.9



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

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

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



#76

1,2,3-Trichloropropane

Concen: 57.866 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026923.D

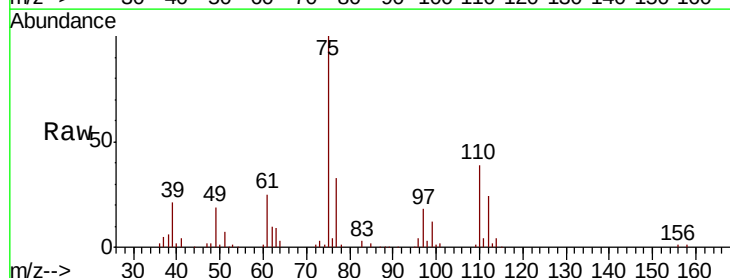
Acq: 20 Sep 2018 01:28

Tgt Ion: 75 Resp: 107055

Ion Ratio Lower Upper

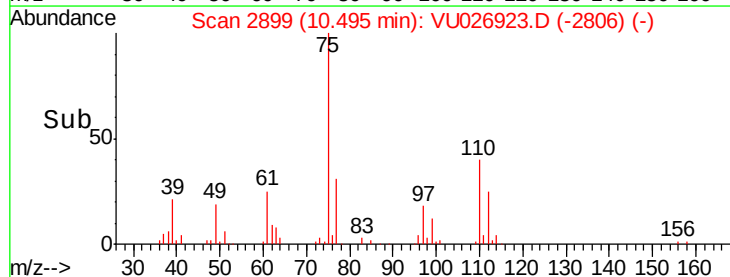
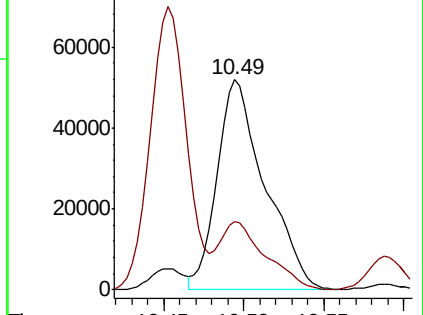
75 100

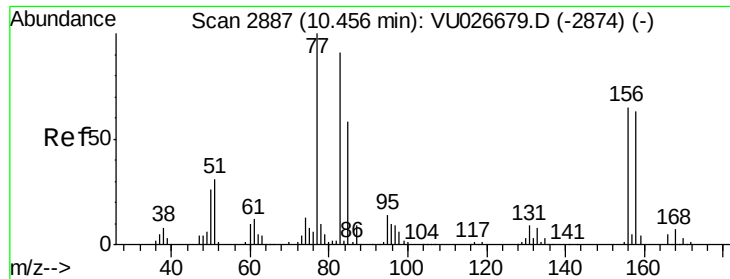
77 31.7 21.1 63.1



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

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





#77

Bromobenzene

Concen: 50.689 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

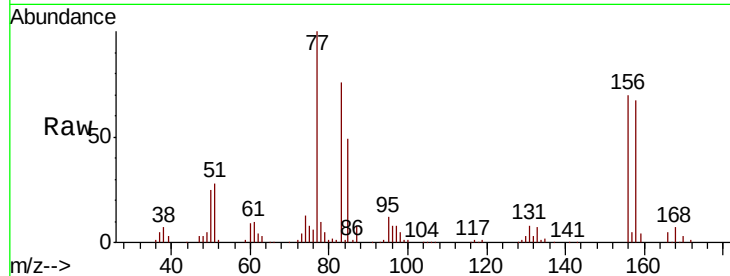
Tgt Ion:156 Resp: 77534

Ion Ratio Lower Upper

156 100

77 143.5 77.6 232.9

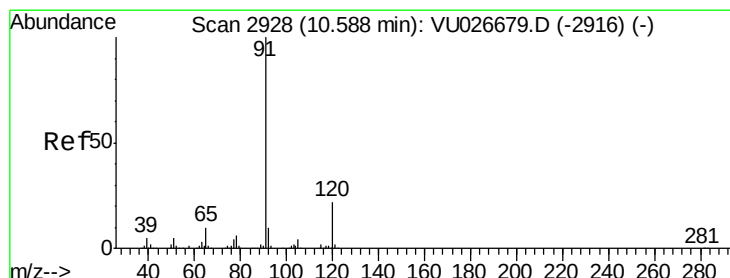
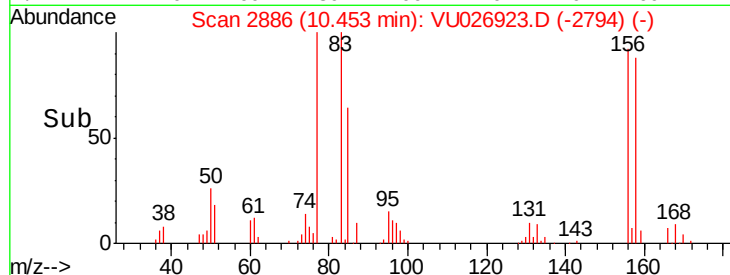
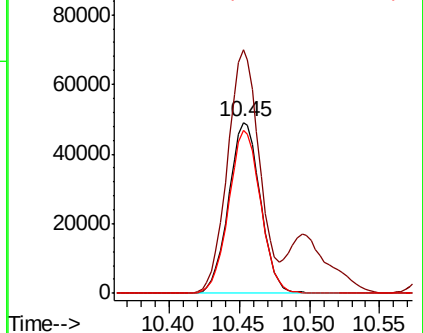
158 95.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.133 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026923.D

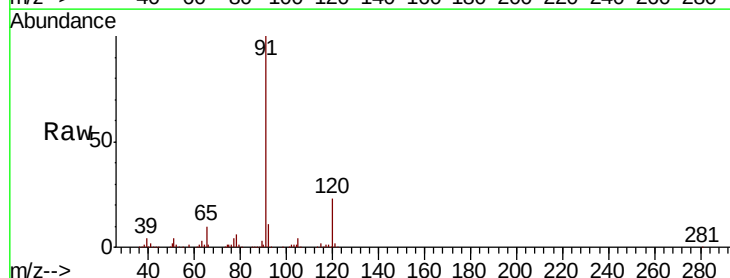
Acq: 20 Sep 2018 01:28

Tgt Ion: 91 Resp: 328160

Ion Ratio Lower Upper

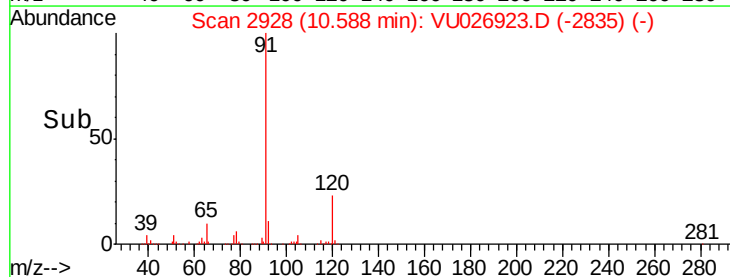
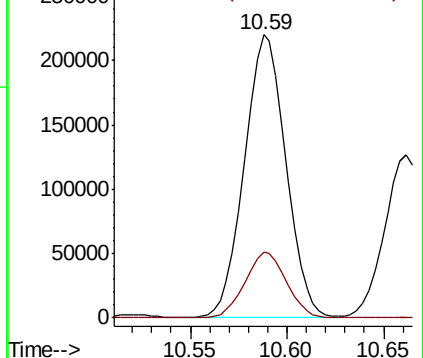
91 100

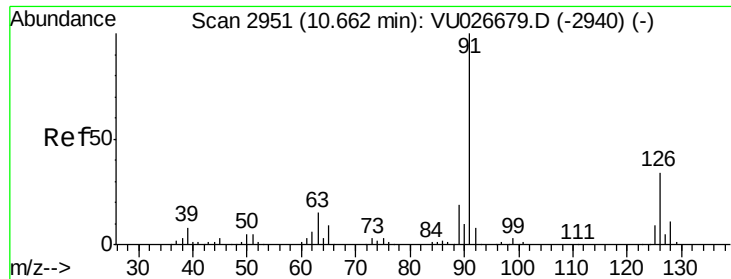
120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

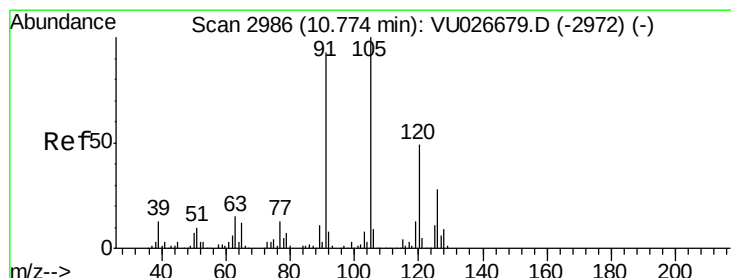
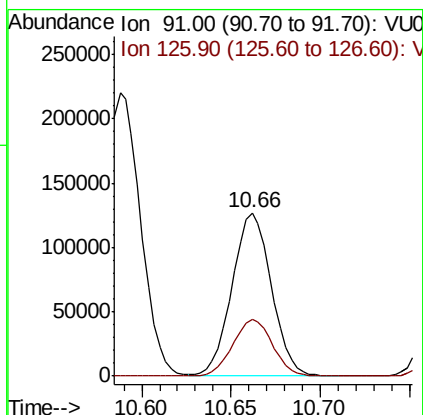
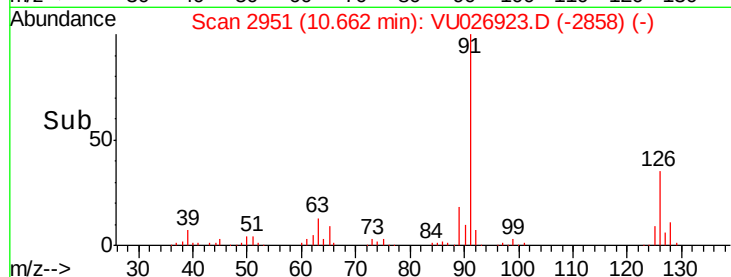
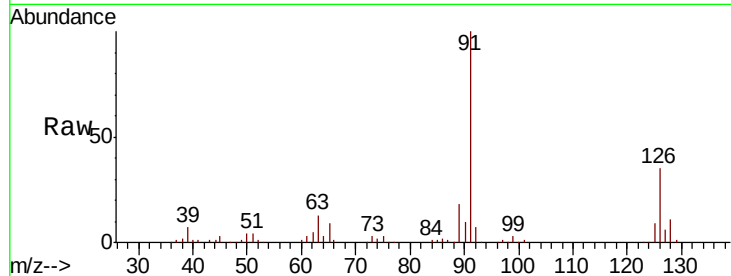




#79
 2-Chlorotoluene
 Concen: 48.052 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

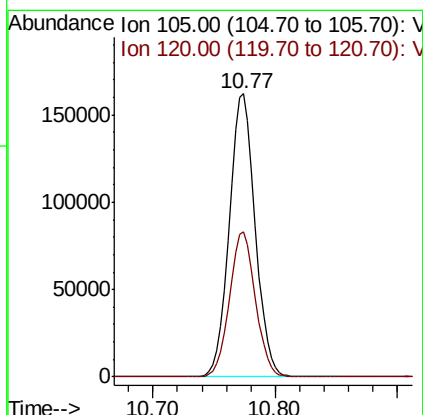
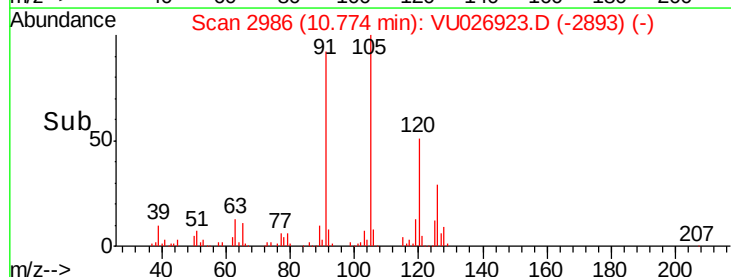
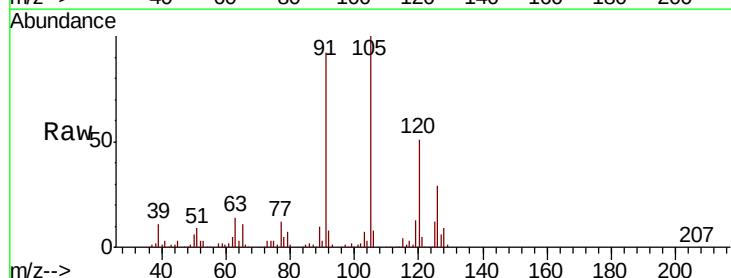
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

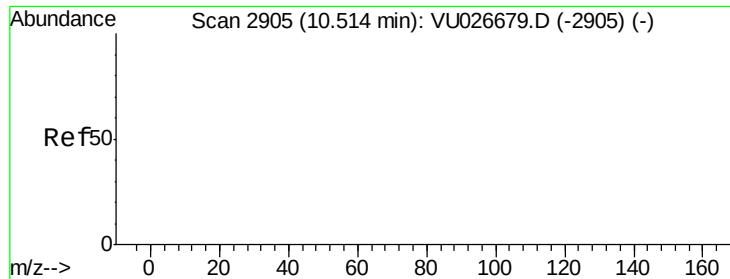
Tgt Ion: 91 Resp: 194980
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.770 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion: 105 Resp: 240173
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.6 74.0

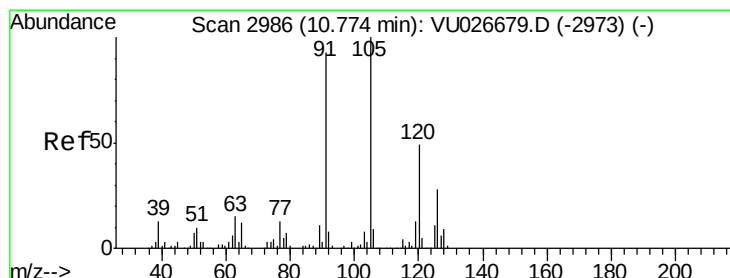
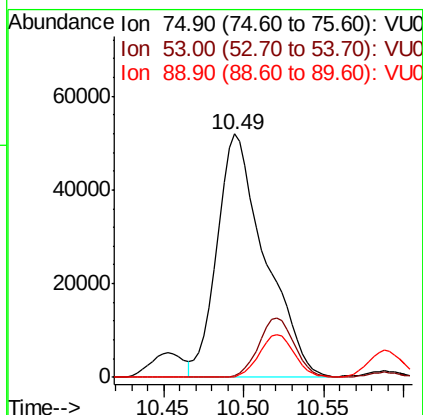
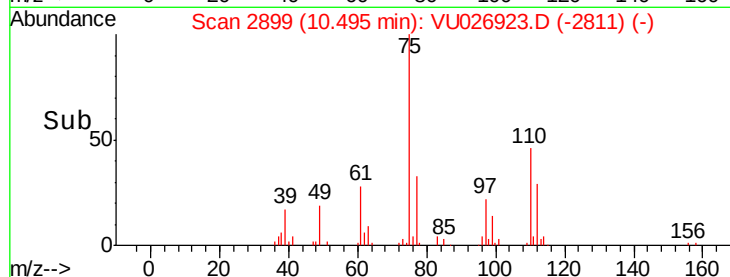
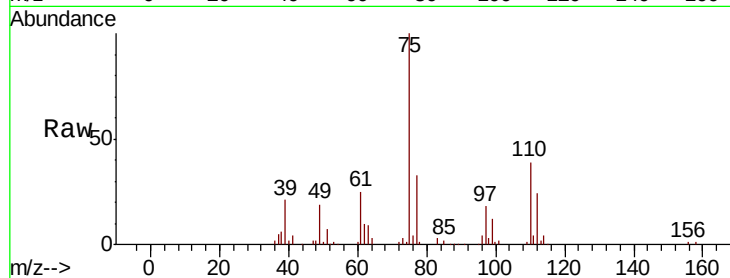




#81
trans-1,4-Dichloro-2-butene
Concen: 132.050 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

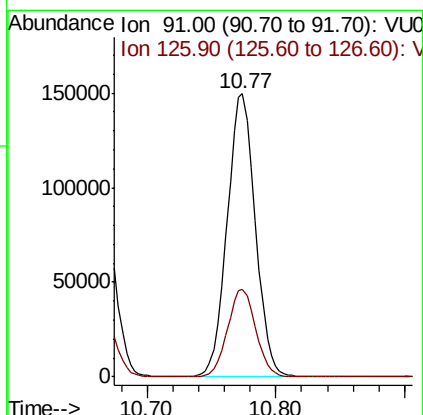
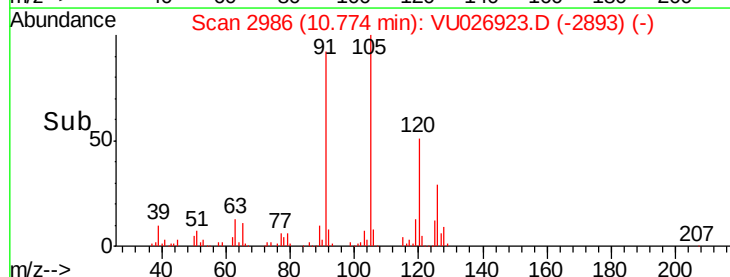
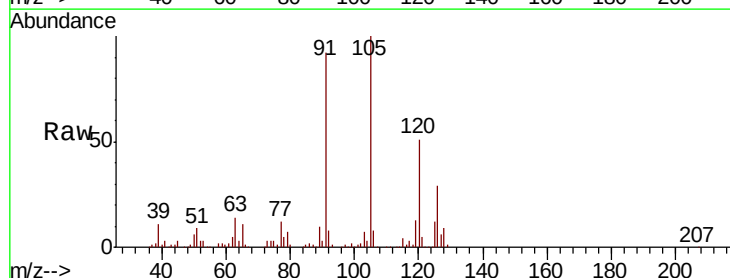
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

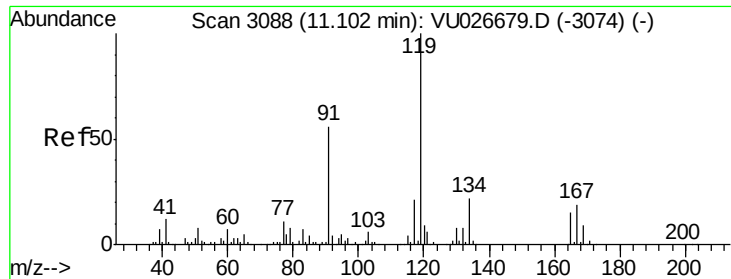
Tgt Ion: 75 Resp: 107055
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 49.476 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 91 Resp: 225562
Ion Ratio Lower Upper
91 100
126 31.3 15.2 45.5

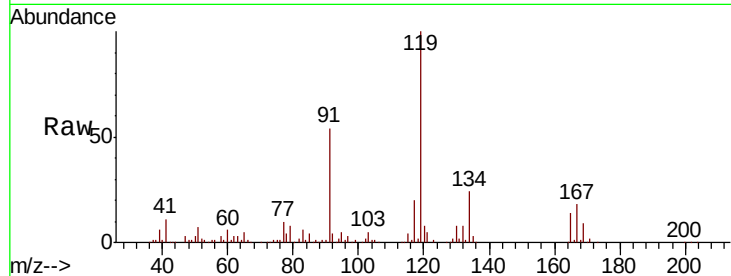




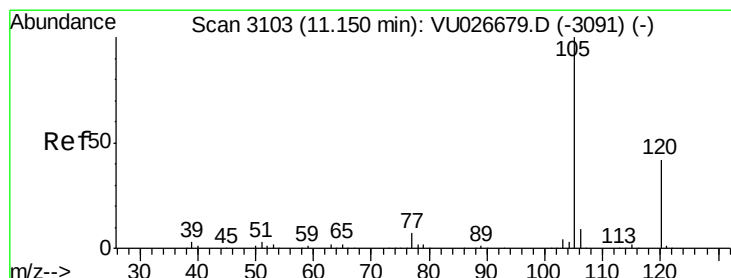
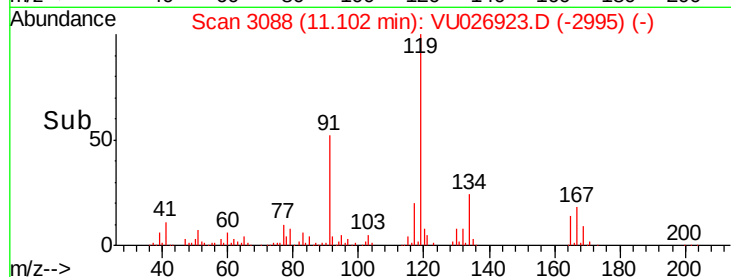
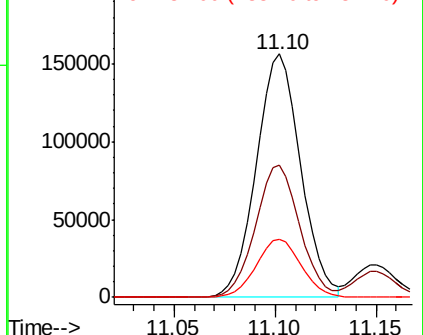
#83
 tert-Butylbenzene
 Concen: 49.942 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 239764
 Ion Ratio Lower Upper
 119 100
 91 54.4 28.3 85.0
 134 24.2 11.2 33.5

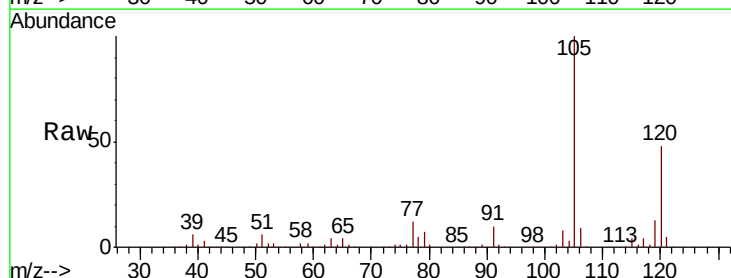


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

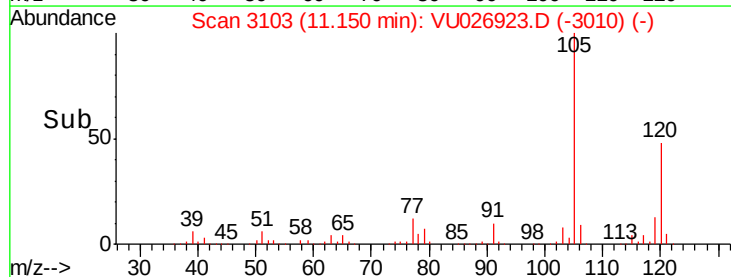
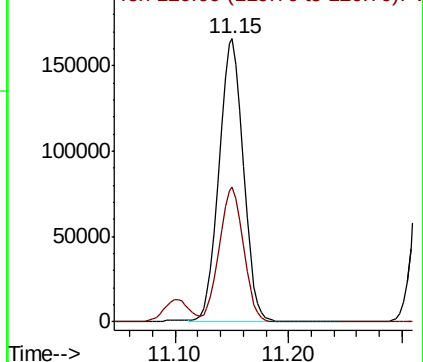


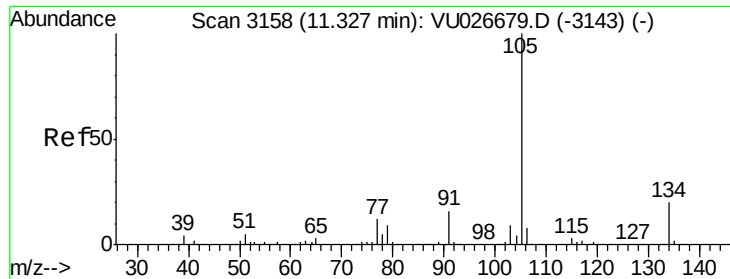
#84
 1,2,4-Trimethylbenzene
 Concen: 52.100 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion:105 Resp: 248588
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.8



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

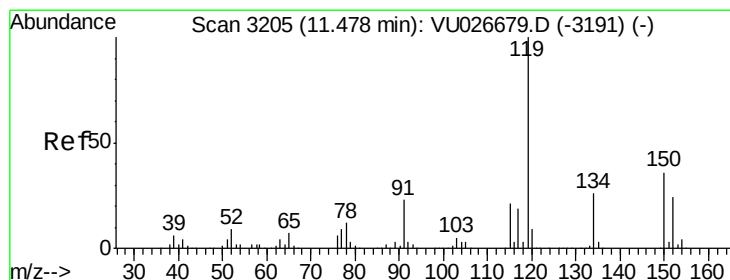
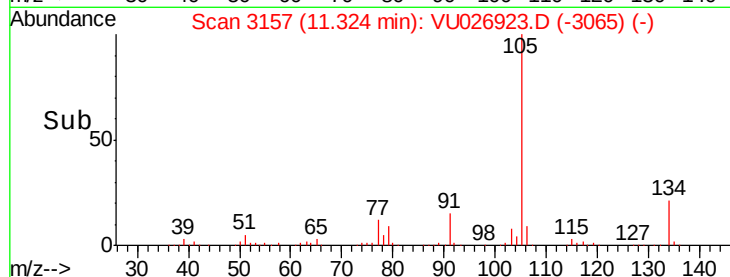
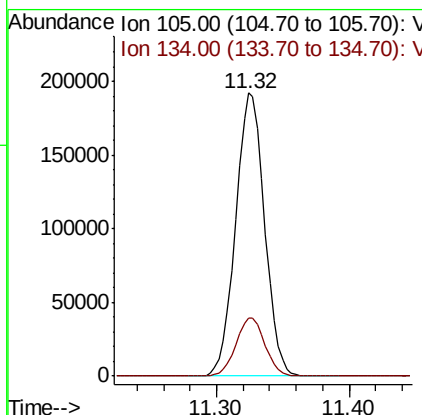
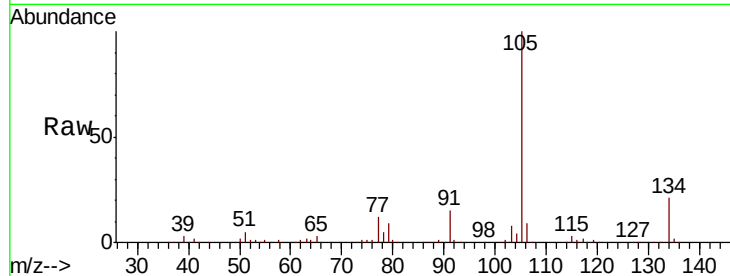




#85
 sec-Butylbenzene
 Concen: 50.870 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

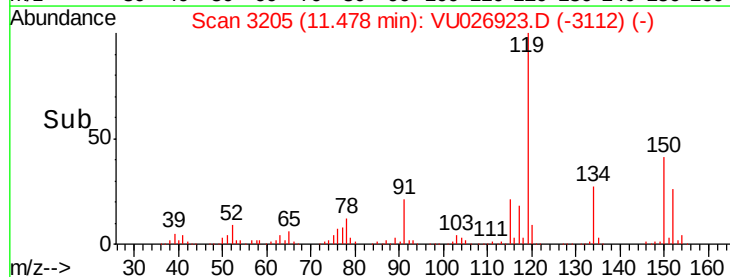
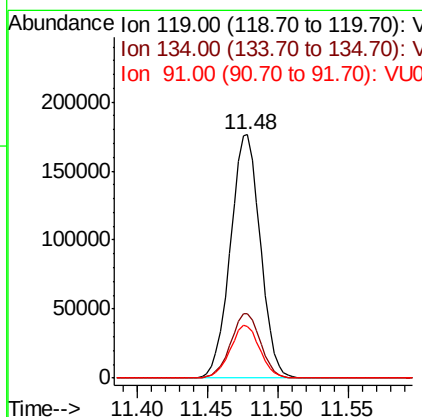
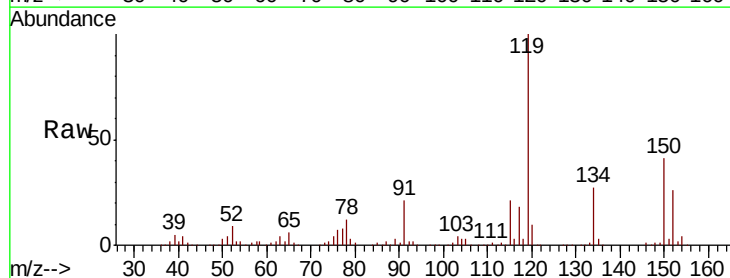
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

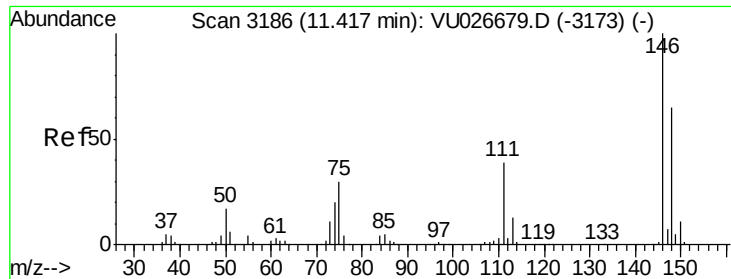
Tgt Ion:105 Resp: 290022
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.881 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion:119 Resp: 262177
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.6 11.6 34.8

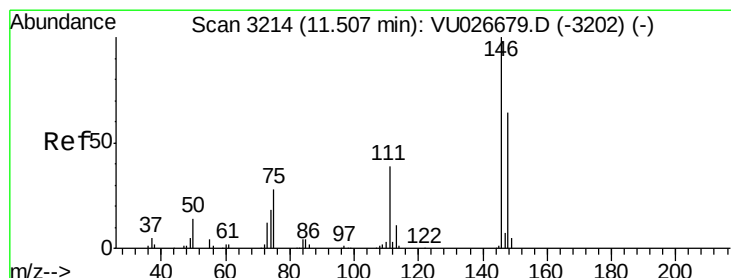
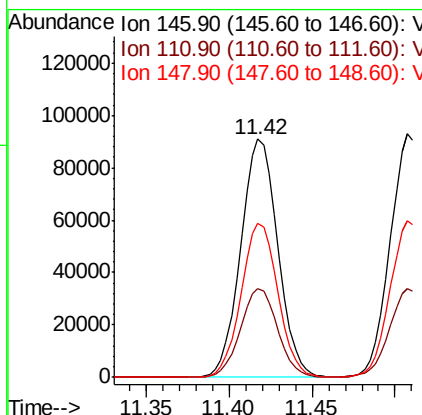
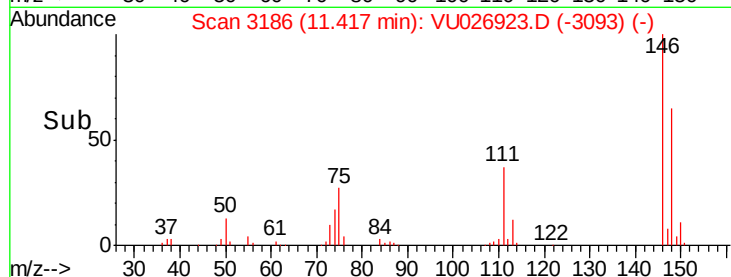
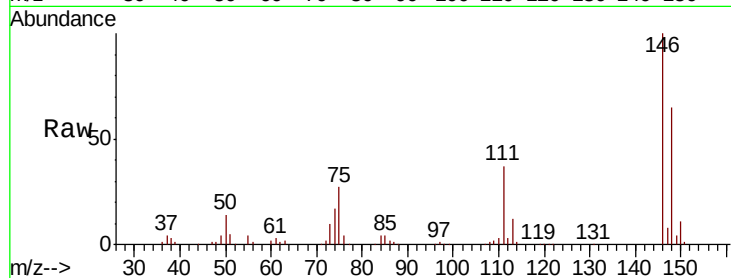




#87
 1,3-Dichlorobenzene
 Concen: 49.505 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

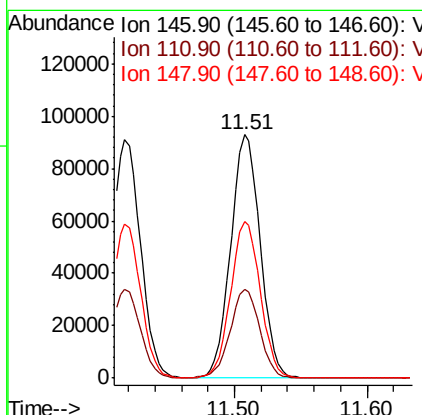
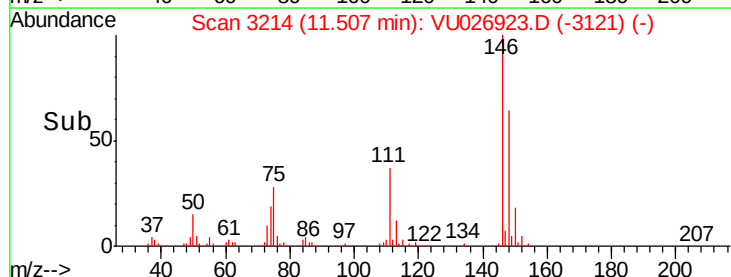
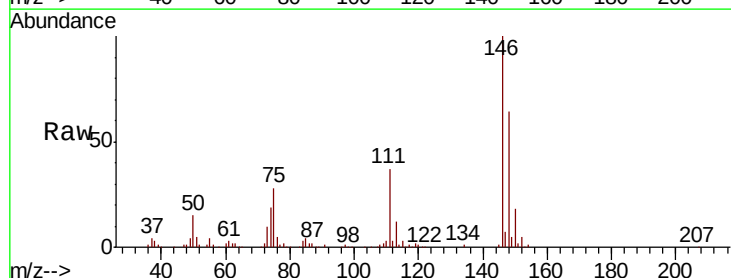
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

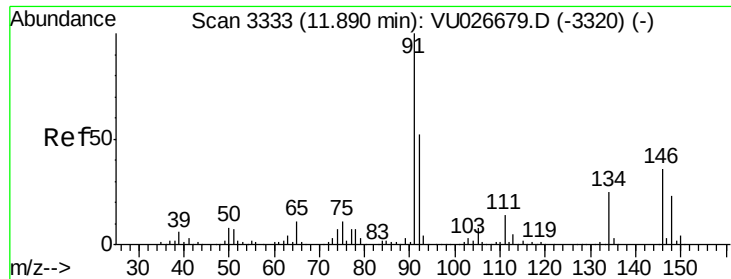
Tgt Ion:146 Resp: 141267
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.7 59.1
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.502 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion:146 Resp: 143738
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.2 57.6
 148 64.6 32.1 96.3

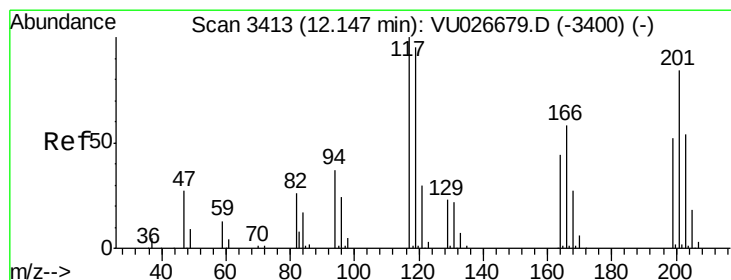
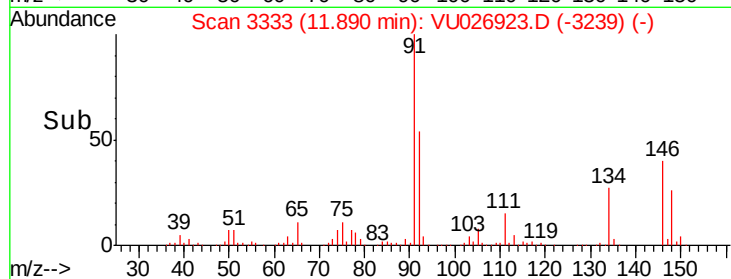
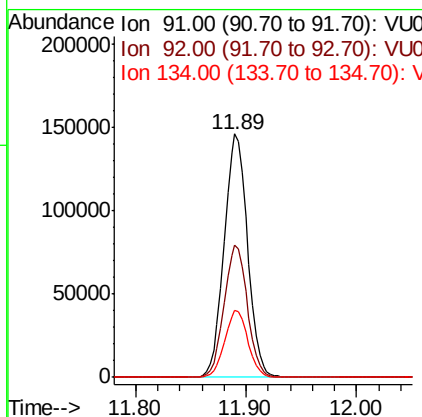
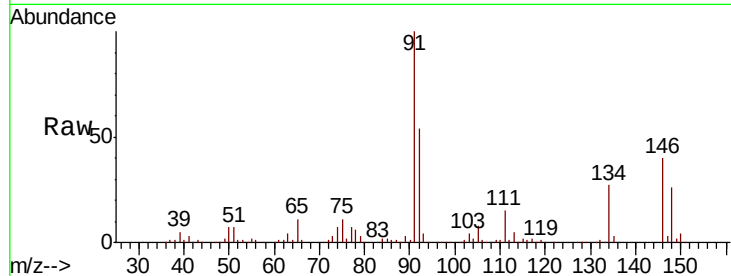




#89
n-Butylbenzene
Concen: 43.094 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

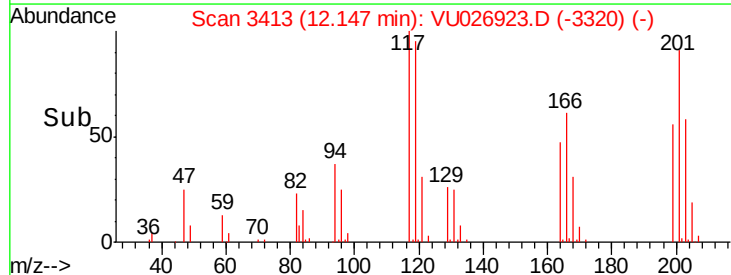
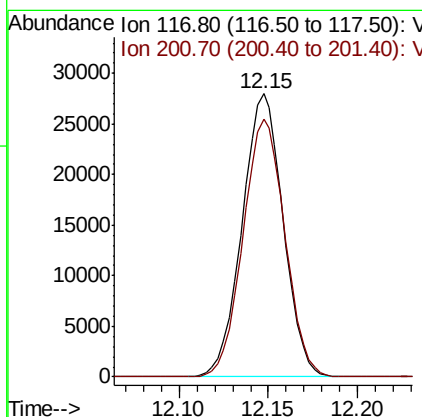
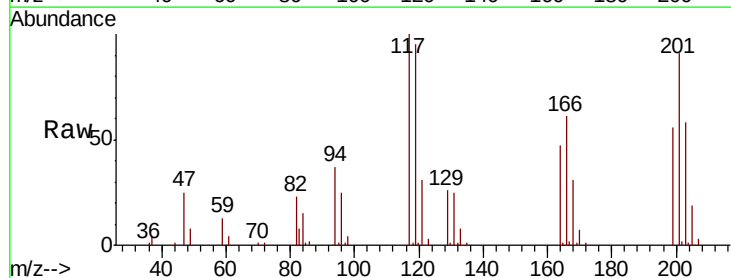
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

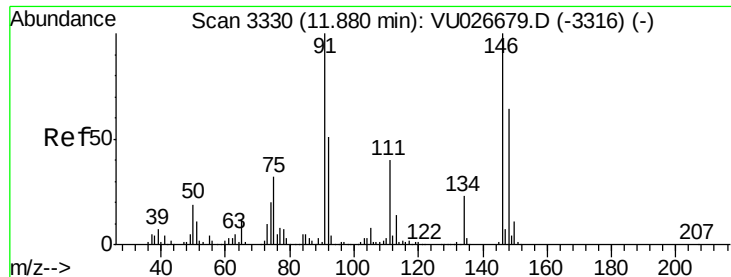
Tgt Ion: 91 Resp: 215174
Ion Ratio Lower Upper
91 100
92 53.9 25.8 77.3
134 27.1 12.6 37.8



#90
Hexachloroethane
Concen: 44.754 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion: 117 Resp: 45024
Ion Ratio Lower Upper
117 100
201 92.5 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 49.674 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

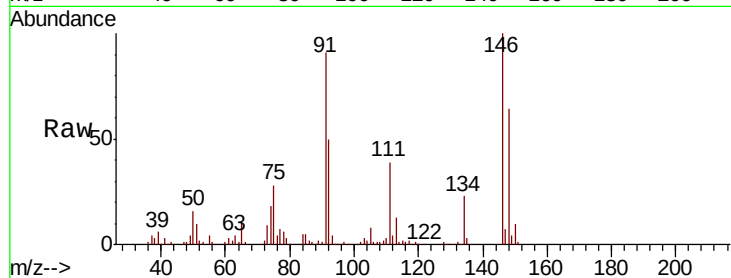
Tgt Ion:146 Resp: 142589

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.8

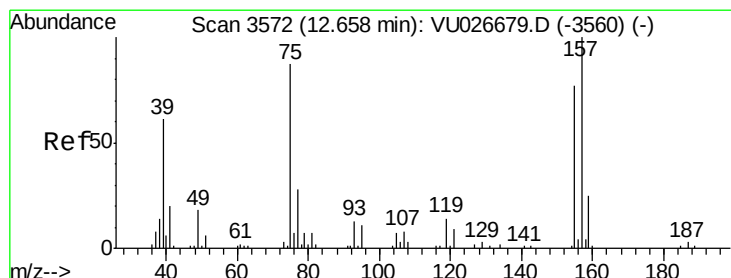
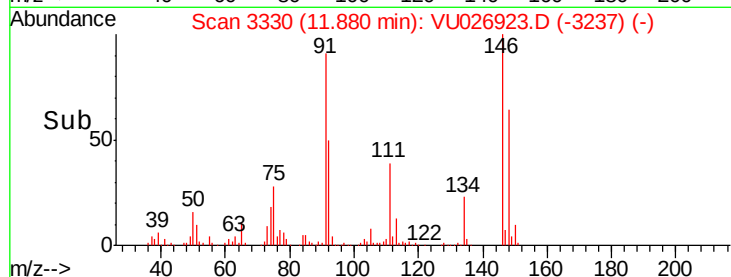
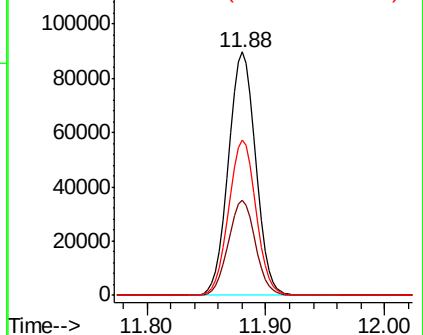
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.932 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026923.D

Acq: 20 Sep 2018 01:28

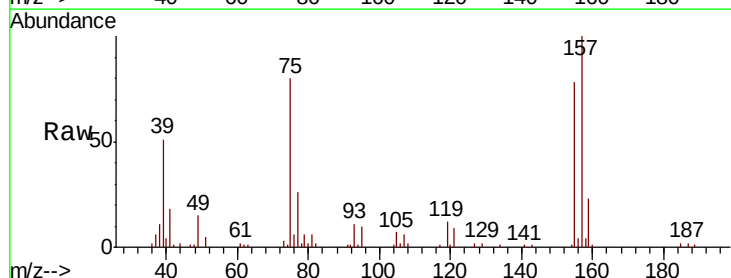
Tgt Ion: 75 Resp: 21122

Ion Ratio Lower Upper

75 100

155 97.0 44.1 132.4

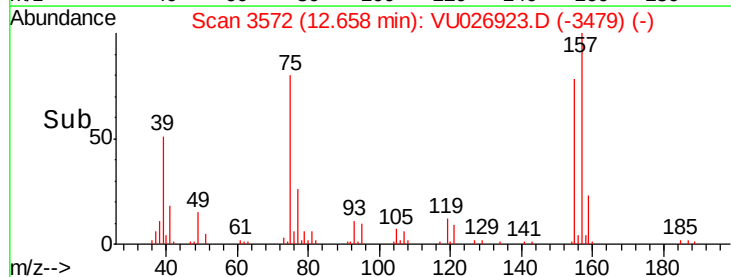
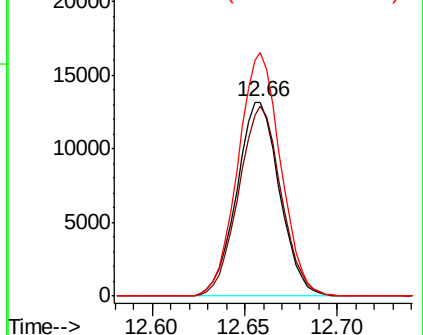
157 124.8 57.2 171.6

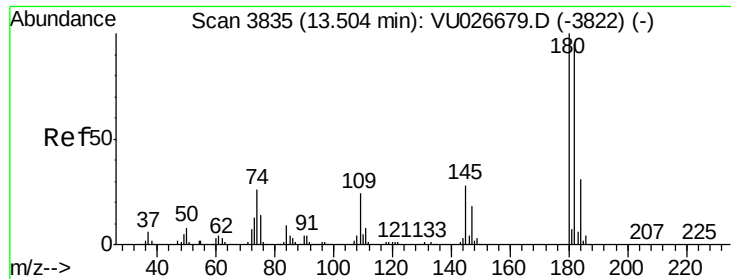


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

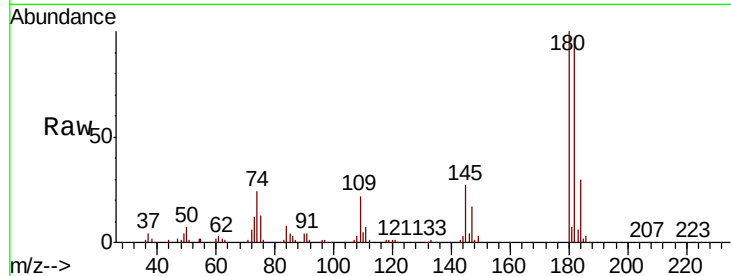




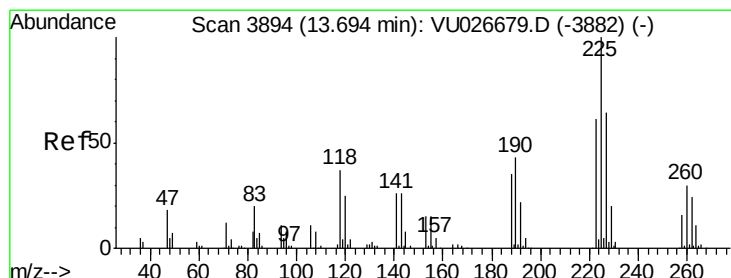
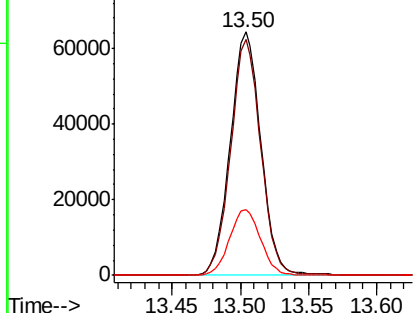
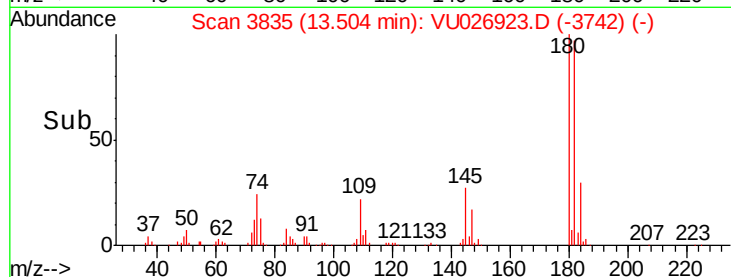
#93
 1,2,4-Trichlorobenzene
 Concen: 52.653 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 100369
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.7
 145 27.5 14.0 42.0

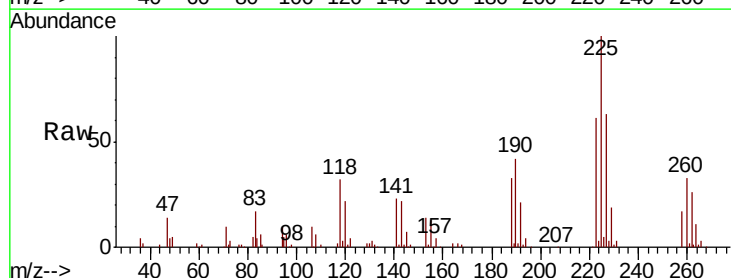


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

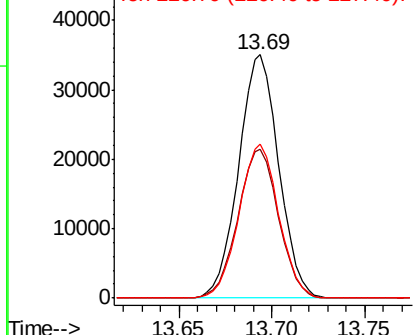
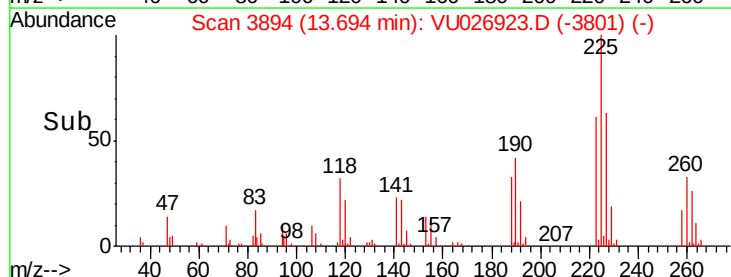


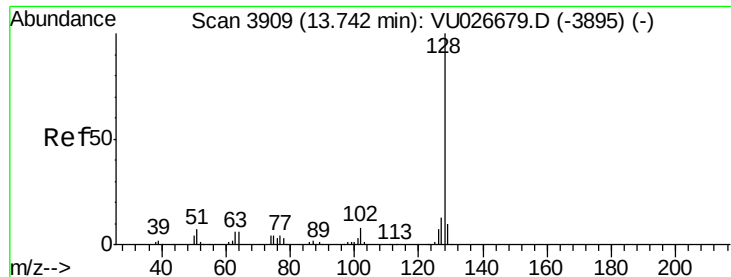
#94
 Hexachlorobutadiene
 Concen: 53.590 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026923.D
 Acq: 20 Sep 2018 01:28

Tgt Ion:225 Resp: 52553
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.6 92.0
 227 62.6 32.1 96.3



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

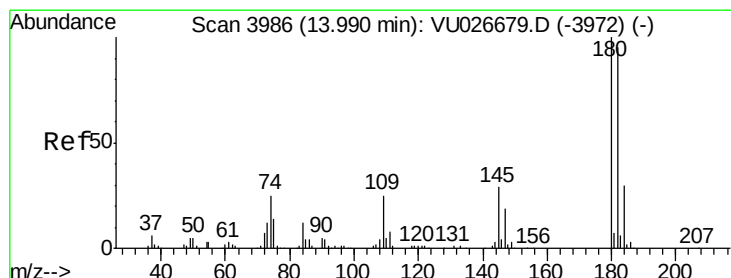
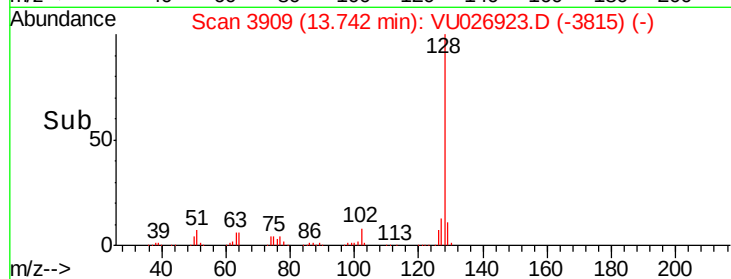
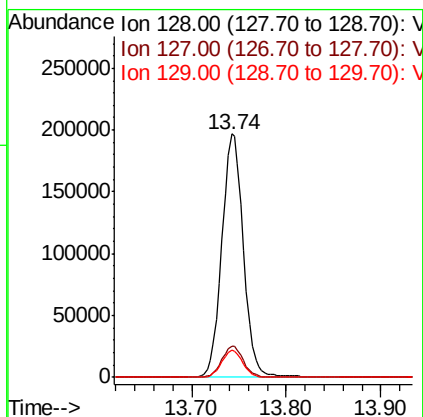
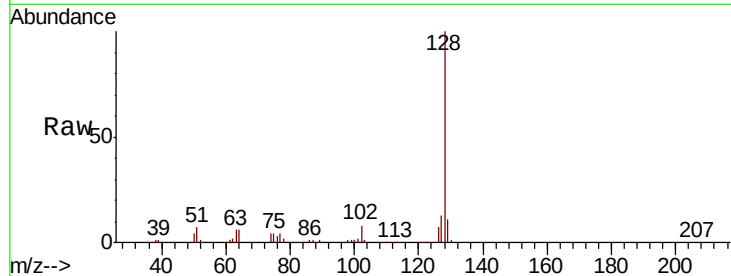




#95
Naphthalene
Concen: 48.574 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 311299
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.256 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU026923.D
Acq: 20 Sep 2018 01:28

Tgt Ion:180 Resp: 106023
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.7
145 29.3 14.9 44.9

