

Data File : VU023528.D

Acq On : 30 Apr 2018 15:25

Operator : MD/SY

Sample : VSTDIC001

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Quant Time: May 01 04:32:14 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 04:31:20 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	51548	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	16053	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16170	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	16786	1.03	ug/l	99
3) Chloromethane	1.33	50	20396	0.99	ug/l	96
4) Vinyl Chloride	1.40	62	18937	1.01	ug/l #	84
5) Bromomethane	1.63	94	10224	0.84	ug/l	98
6) Chloroethane	1.70	64	11328	1.05	ug/l	100
7) Trichlorofluoromethane	1.89	101	21821	1.03	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13480	1.07	ug/l	99
9) 1,1-Dichloroethene	2.29	96	12301	0.97	ug/l	97
10) Iodomethane	2.42	142	13504	0.95	ug/l	99
11) Allyl Chloride	2.60	41	23036	1.14	ug/l	99
12) Acrylonitrile	2.96	53	5492	1.91	ug/l	92
13) Acetone	2.36	43	11123	4.87	ug/l	96
14) Carbon Disulfide	2.48	76	41123	1.03	ug/l	100
15) Methylene Chloride	2.71	84	14230	0.93	ug/l	98
16) trans-1,2-Dichloroethene	2.99	96	13280	0.97	ug/l	98
17) 1,1-Dichloroethane	3.45	63	25874	1.01	ug/l	99
18) 2-Butanone	4.31	43	17570	5.03	ug/l	99
19) Cyclohexane	4.99	56	22893	1.24	ug/l	99
20) Methylcyclohexane	6.41	83	21289	1.00	ug/l	98
21) 2,2-Dichloropropane	4.23	77	20898	1.12	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	14598	0.96	ug/l	100
23) Diethyl Ether	2.11	59	9908	0.96	ug/l	97
24) tert-Butyl Alcohol	2.89	59	833	0.83	ug/l #	87
25) Methyl tert-Butyl Ether	3.01	73	31424	0.98	ug/l	95
26) Bromochloromethane	4.55	128	5777	0.86	ug/l	99
27) Chloroform	4.68	83	25015	0.98	ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	19787	1.01	ug/l	100
29) 1,1-Dichloropropene	5.13	75	19794	1.02	ug/l	97
30) Carbon Tetrachloride	5.13	117	16160	0.98	ug/l	97
31) Isopropyl Ether	3.58	45	42896	1.10	ug/l	97
32) Ethyl-t-butyl ether	4.09	59	37545	1.07	ug/l	100
33) Tert-Amyl methyl ether	5.60	73	30778	1.01	ug/l	98
34) Propionitrile	4.37	54	1745	1.65	ug/l #	75
35) Benzene	5.39	78	53760	0.92	ug/l	100
36) 1,2-Dichloroethane	5.41	62	16214	1.05	ug/l	97
37) Trichloroethene	6.18	130	15444	0.99	ug/l	96
38) 1,2-Dichloropropane	6.44	63	15649	1.05	ug/l	99
39) Methacrylonitrile	4.56	41	5153	1.18	ug/l	94
40) Methyl acrylate	4.45	55	6677	1.01	ug/l #	95
41) Tetrahydrofuran	4.68	42	5916	2.42	ug/l	93
42) 1-Chlorobutane	5.07	56	27835	1.07	ug/l	99

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Quant Time: May 01 04:32:14 2018

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 04:31:20 2018

Response via : Initial Calibration

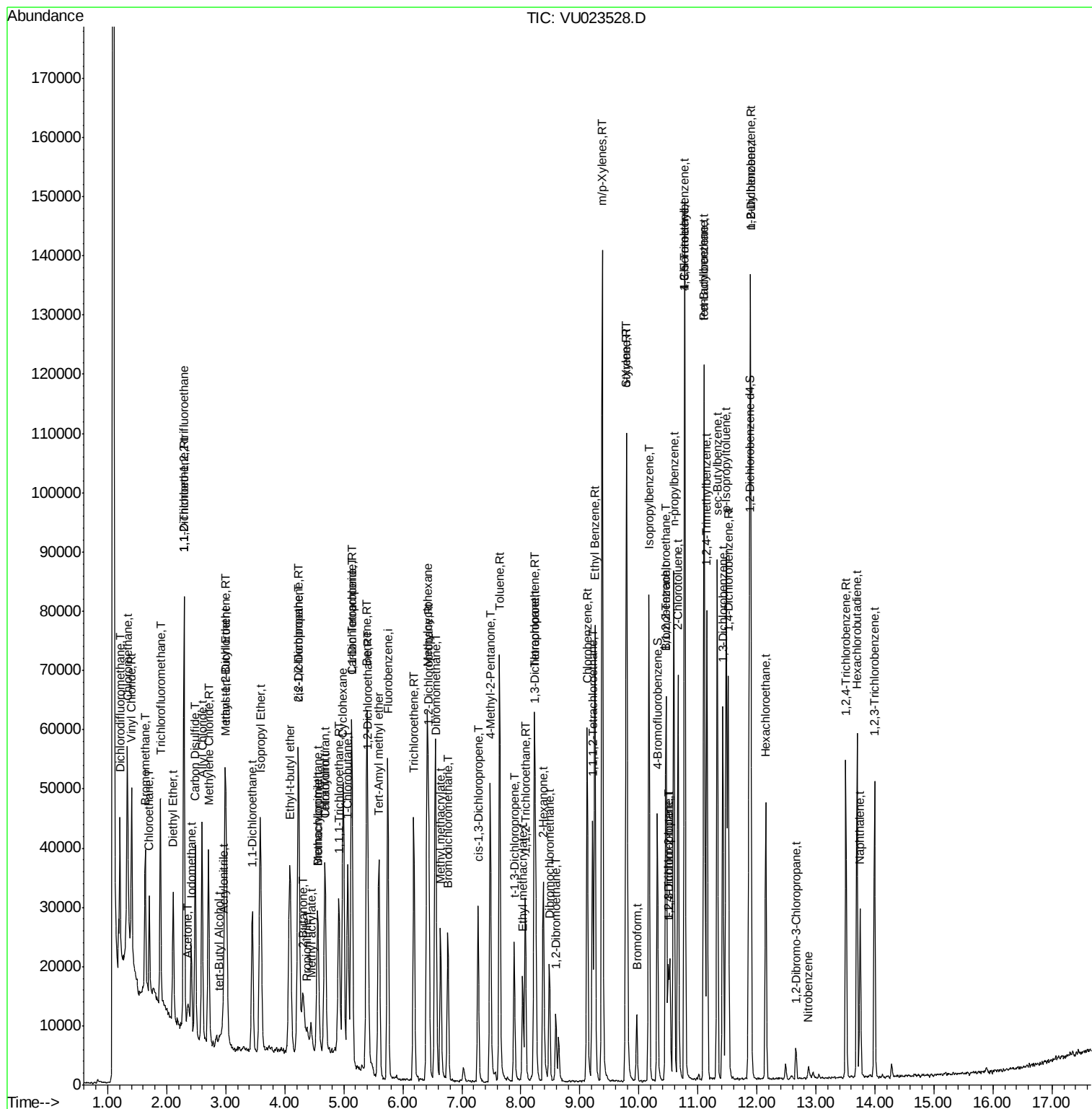
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.57	93	7010	1.00	ug/l	96
44) Bromodichloromethane	6.76	83	16827	1.02	ug/l	96
45) 4-Methyl-2-Pentanone	7.48	43	37559	4.63	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	12858	5.08	ug/l #	39
47) Methyl methacrylate	6.64	69	11172	1.67	ug/l	97
48) Ethyl methacrylate	8.03	69	9994	0.84	ug/l	95
49) Toluene	7.64	92	31345	0.92	ug/l	96
50) t-1,3-Dichloropropene	7.89	75	13300	0.94	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	17960	0.98	ug/l	99
52) 1,1,2-Trichloroethane	8.08	97	9385	0.92	ug/l	97
53) 1,3-Dichloropropane	8.25	76	16788	0.95	ug/l	99
54) 2-Hexanone	8.38	43	24814	4.49	ug/l	98
55) Dibromochloromethane	8.48	129	10367	0.98	ug/l	97
56) 1,2-Dibromoethane	8.59	107	8110	0.90	ug/l	98
58) Tetrachloroethene	8.23	164	13753	0.99	ug/l	99
59) Chlorobenzene	9.12	112	35269	0.94	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	11730	0.93	ug/l	98
61) Pentachloroethane	11.10	117	8929	0.97	ug/l	88
62) Hexachloroethane	12.15	117	7761	0.94	ug/l	100
63) Ethyl Benzene	9.25	91	54663	0.88	ug/l	98
64) m/p-Xylenes	9.38	106	41117	1.72	ug/l	99
65) o-Xylene	9.78	106	20253	0.86	ug/l	99
66) Styrene	9.80	104	32226	0.83	ug/l	98
67) Bromoform	9.97	173	5240	0.91	ug/l	99
69) Isopropylbenzene	10.17	105	52031	0.88	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	11048	0.90	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	12858	1.42	ug/l #	78
72) Bromobenzene	10.46	156	13704	0.87	ug/l	98
73) n-propylbenzene	10.59	120	14308	0.86	ug/l	100
74) 2-Chlorotoluene	10.67	126	13165	0.88	ug/l	93
75) 1,3,5-Trimethylbenzene	10.78	105	43210	0.85	ug/l	98
76) 4-Chlorotoluene	10.78	126	13501	0.87	ug/l	93
77) tert-Butylbenzene	11.10	119	41308	0.86	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	43345	0.84	ug/l	99
79) sec-Butylbenzene	11.33	105	57966	0.89	ug/l	99
80) Nitrobenzene	12.87	77	1827	6.56	ug/l #	86
81) p-Isopropyltoluene	11.48	119	46760	0.86	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	27718	0.90	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	27647	0.89	ug/l	97
84) n-Butylbenzene	11.89	91	45712	0.89	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	25110	0.87	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1440	0.87	ug/l	96
87) 1,2,4-Trichlorobenzene	13.51	180	17330	0.86	ug/l	99
88) Hexachlorobutadiene	13.70	225	11057	0.99	ug/l	98
89) Naphthalene	13.75	128	24400	0.76	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	16193	0.84	ug/l	99

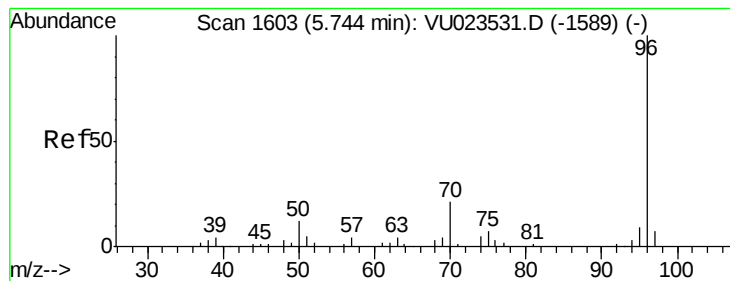
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 3 Sample Multiplier: 1

VSTDICC001

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 51548

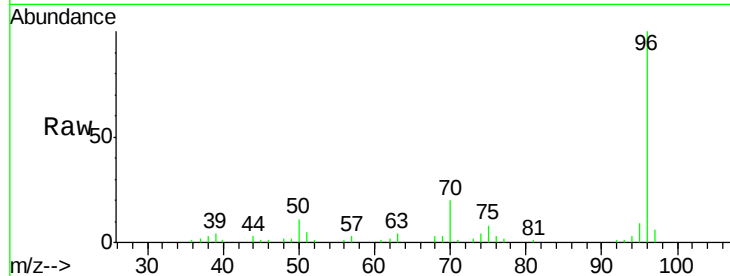
Ion Ratio Lower Upper

96 100

70 20.5 16.2 24.4

95 9.2 6.9 10.3

97 6.3 0.0 0.0#

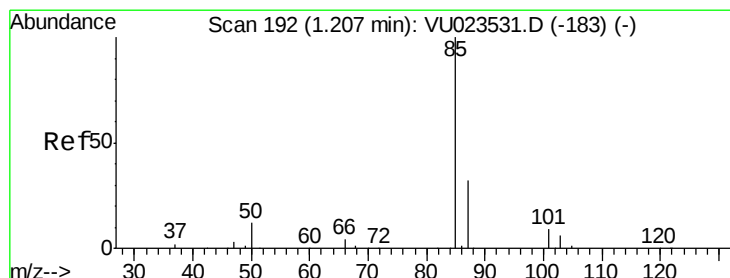
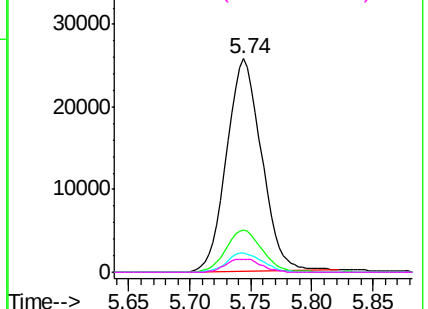
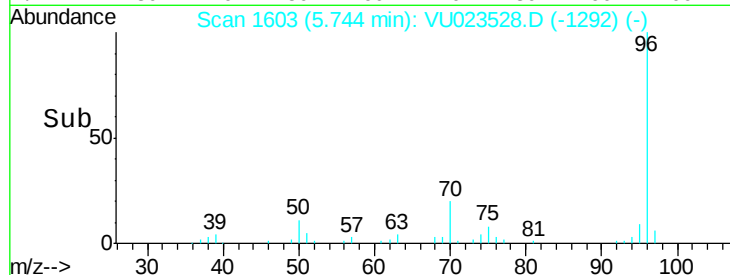


Abundance Ion 96.00 (95.70 to 96.70): VU023528.D (-1292) (-)

Ion 70.00 (69.70 to 70.70): VU023528.D (-1292) (-)

Ion 95.00 (94.70 to 95.70): VU023528.D (-1292) (-)

Ion 97.00 (96.70 to 97.70): VU023528.D (-1292) (-)



#2

Dichlorodifluoromethane

Concen: 1.03 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU023528.D

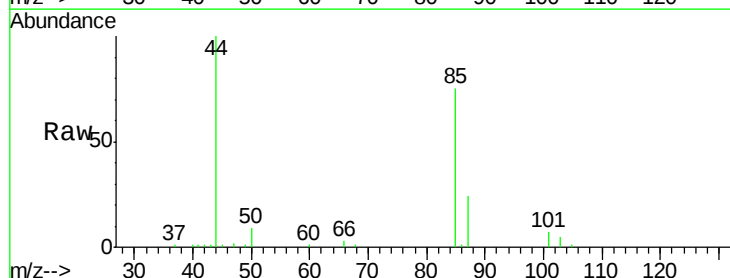
Acq: 30 Apr 2018 15:25

Tgt Ion: 85 Resp: 16786

Ion Ratio Lower Upper

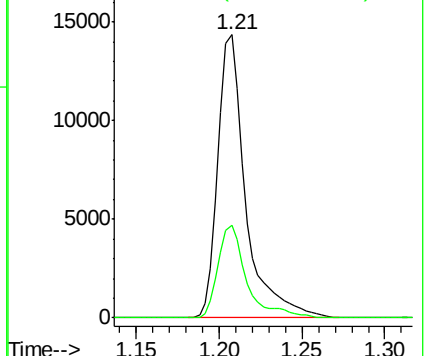
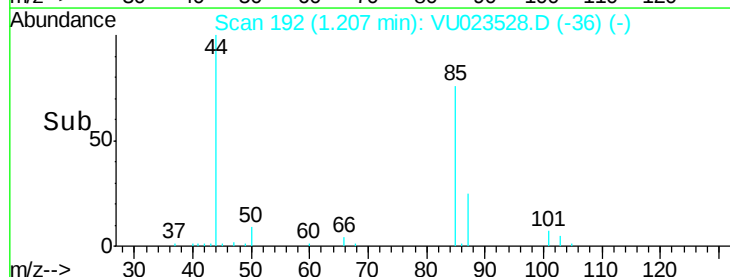
85 100

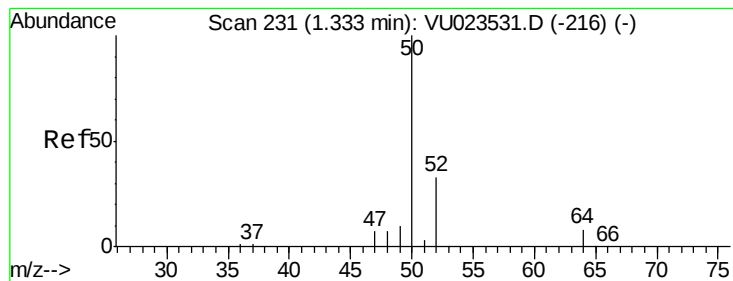
87 32.9 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU023528.D (-36) (-)

Ion 87.00 (86.70 to 87.70): VU023528.D (-36) (-)





#3

Chloromethane

Concen: 0.99 ug/l

RT: 1.33 min Scan# 231

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

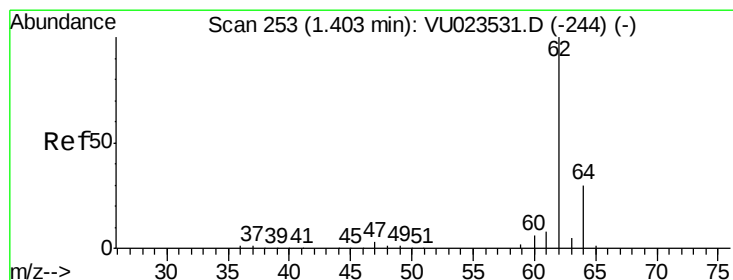
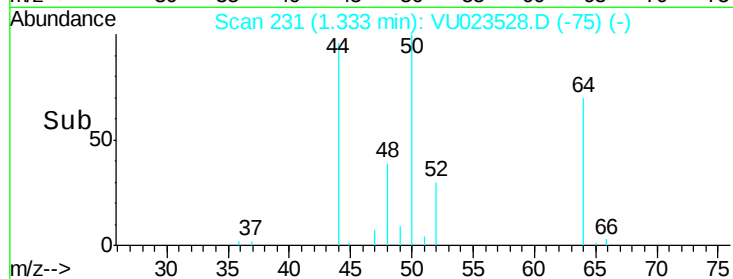
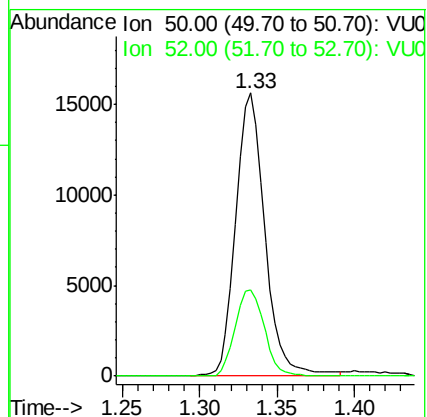
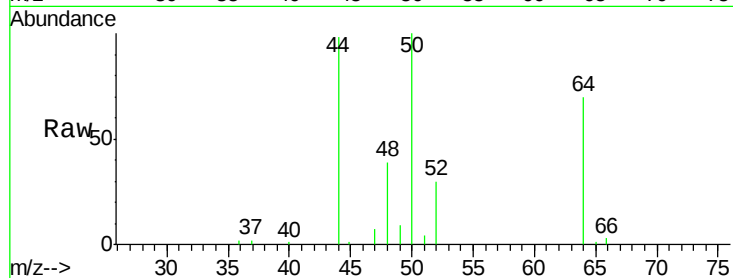
VSTDIC001

Tgt Ion: 50 Resp: 20396

Ion Ratio Lower Upper

50 100

52 30.5 26.0 39.0



#4

Vinyl Chloride

Concen: 1.01 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023528.D

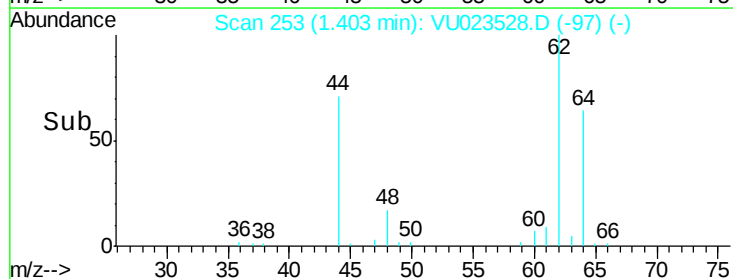
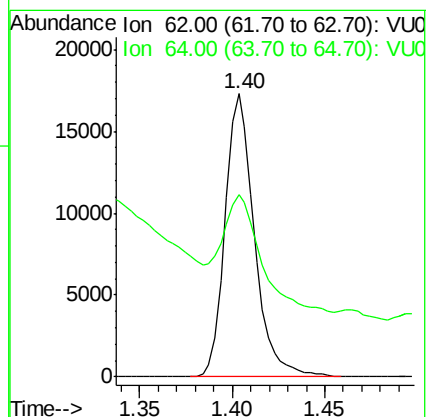
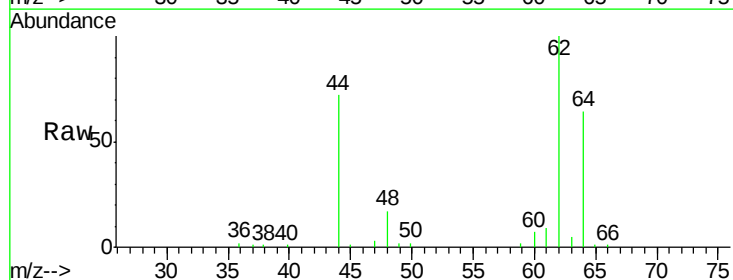
Acq: 30 Apr 2018 15:25

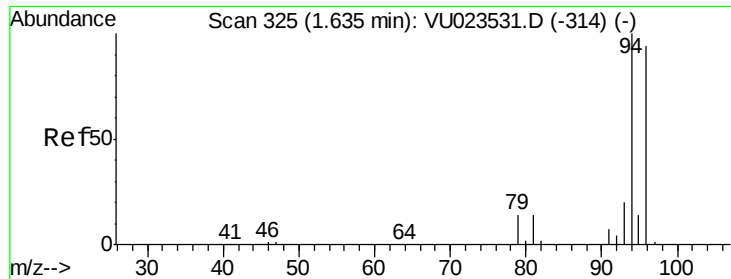
Tgt Ion: 62 Resp: 18937

Ion Ratio Lower Upper

62 100

64 41.1 25.8 38.8#

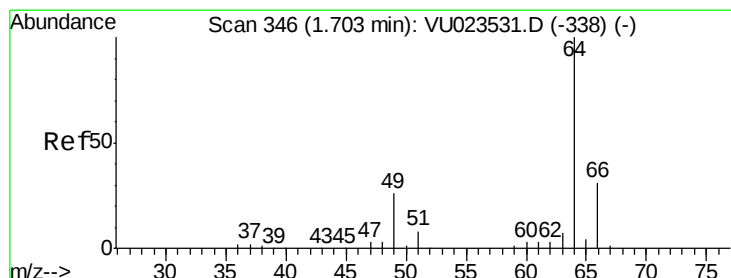
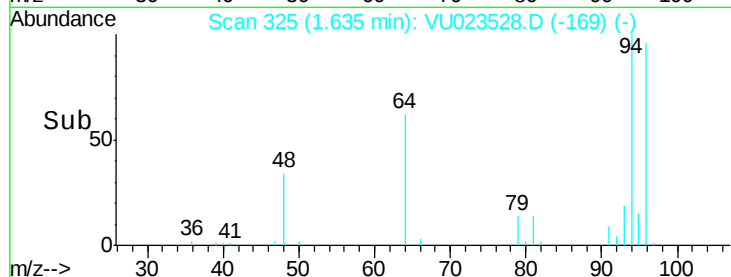
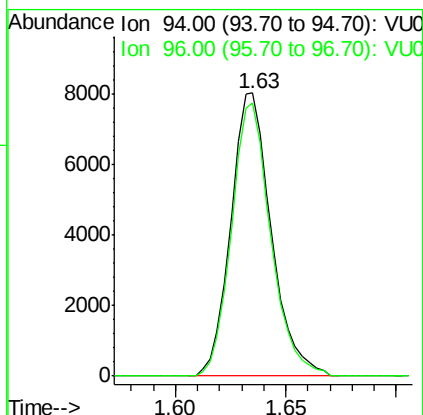
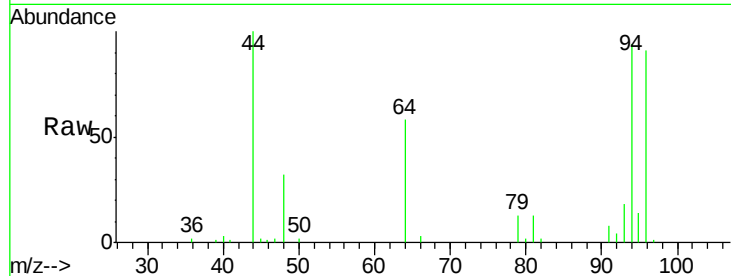




#5
Bromomethane
Concen: 0.84 ug/l
RT: 1.63 min Scan# 325
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

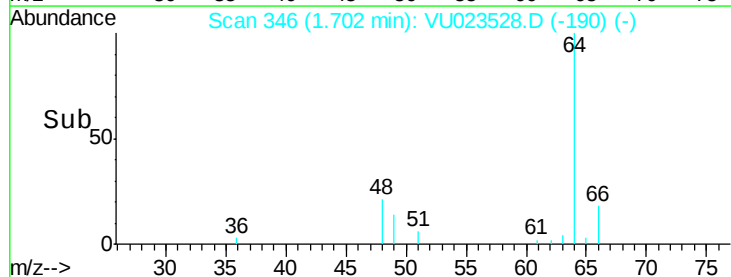
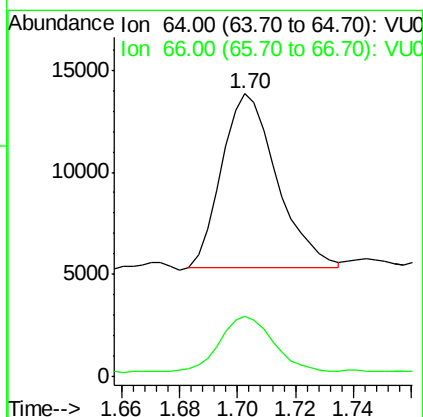
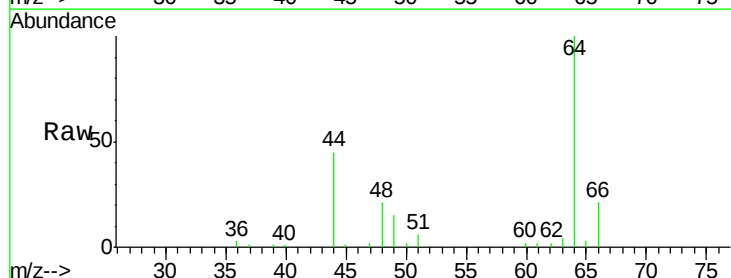
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

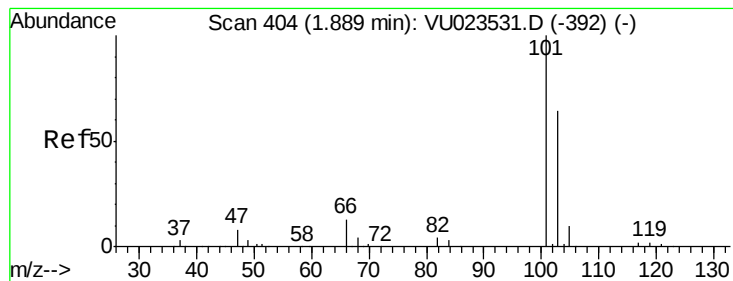
Tgt Ion: 94 Resp: 10224
Ion Ratio Lower Upper
94 100
96 96.3 75.1 112.7



#6
Chloroethane
Concen: 1.05 ug/l
RT: 1.70 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 64 Resp: 11328
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3





#7

Trichlorofluoromethane

Concen: 1.03 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

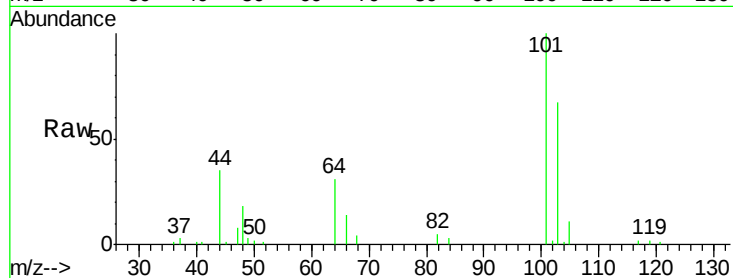
VSTDIC001

Tgt Ion:101 Resp: 21821

Ion Ratio Lower Upper

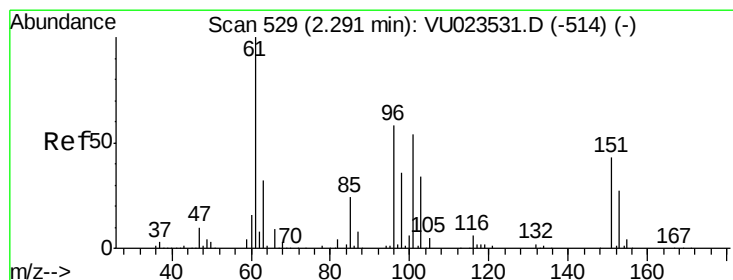
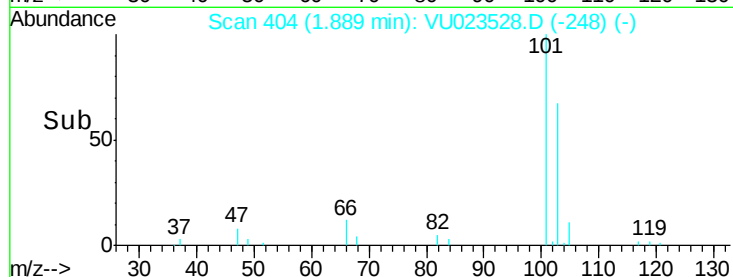
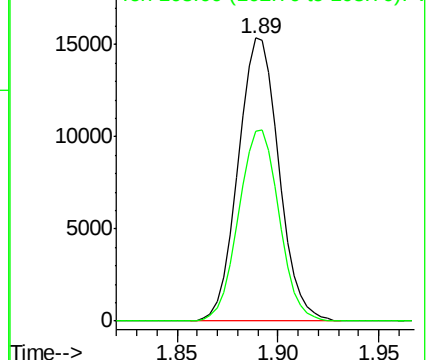
101 100

103 66.9 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.07 ug/l

RT: 2.29 min Scan# 530

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

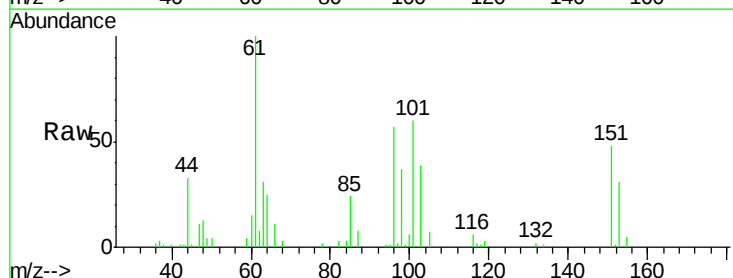
Tgt Ion:101 Resp: 13480

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

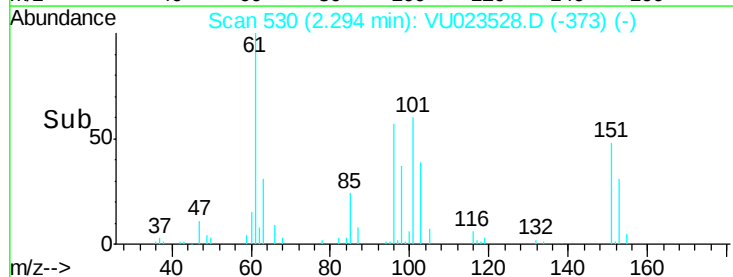
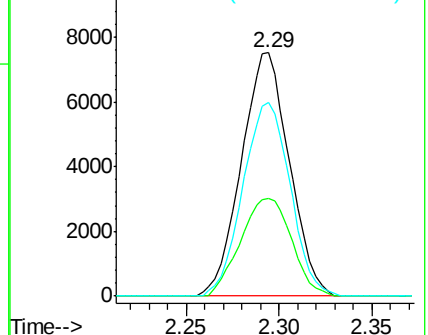
151 78.5 63.5 95.3

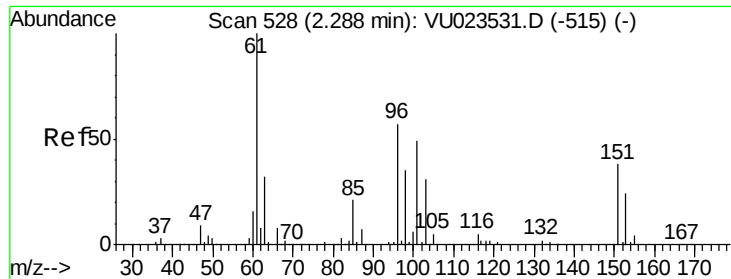


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 0.97 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

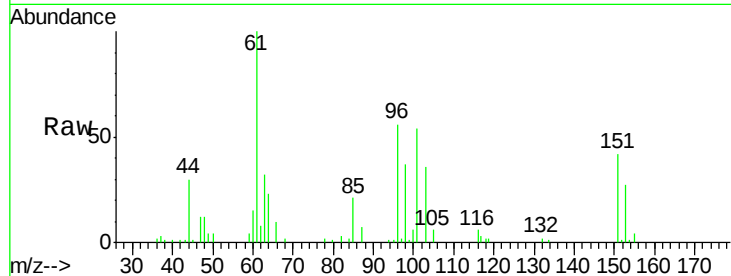
Tgt Ion: 96 Resp: 12301

Ion Ratio Lower Upper

96 100

61 177.4 0.0 526.5

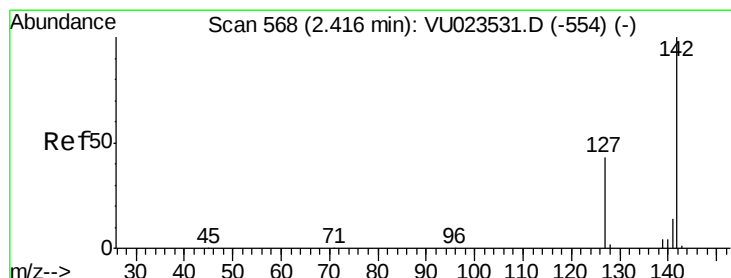
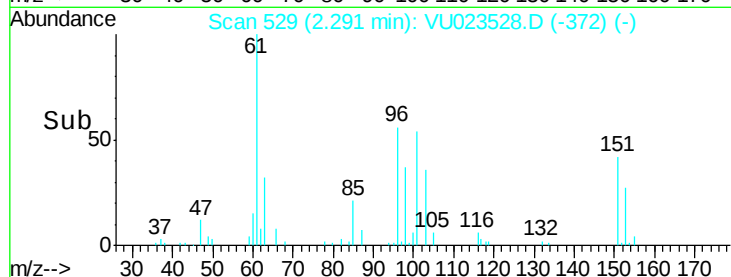
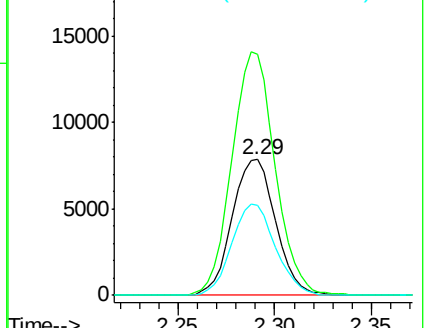
98 66.2 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU023528.D (-372) (-)

Ion 61.00 (60.70 to 61.70): VU023528.D (-372) (-)

Ion 98.00 (97.70 to 98.70): VU023528.D (-372) (-)



#10

Iodomethane

Concen: 0.95 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU023528.D

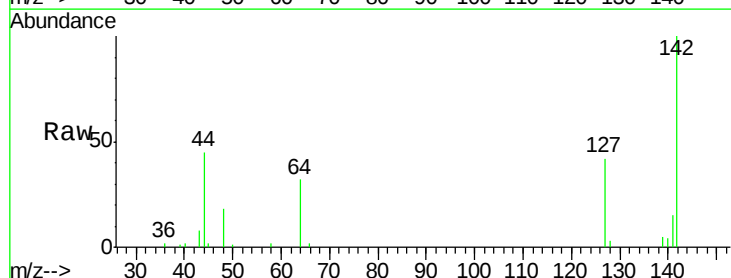
Acq: 30 Apr 2018 15:25

Tgt Ion: 142 Resp: 13504

Ion Ratio Lower Upper

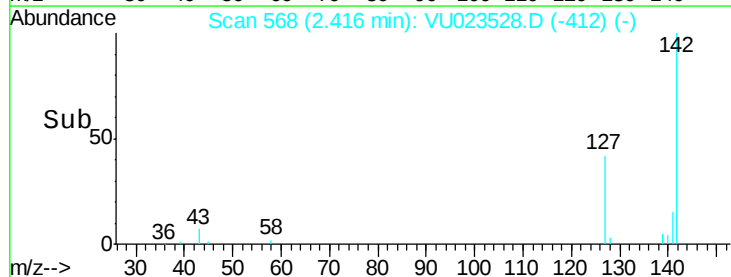
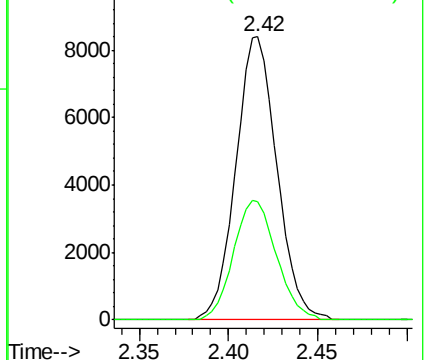
142 100

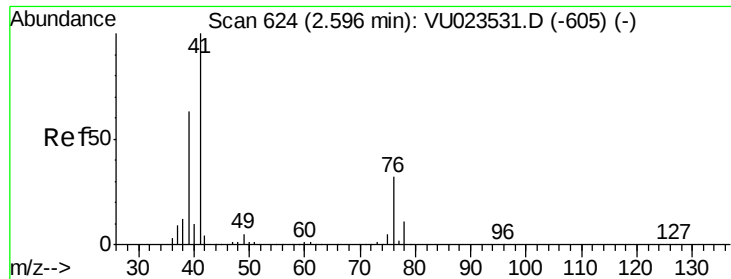
127 44.0 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU023528.D (-412) (-)

Ion 127.00 (126.70 to 127.70): VU023528.D (-412) (-)

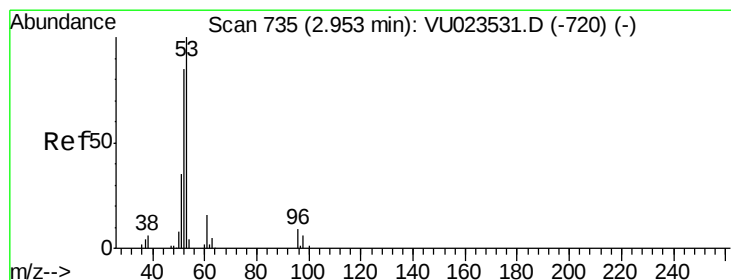
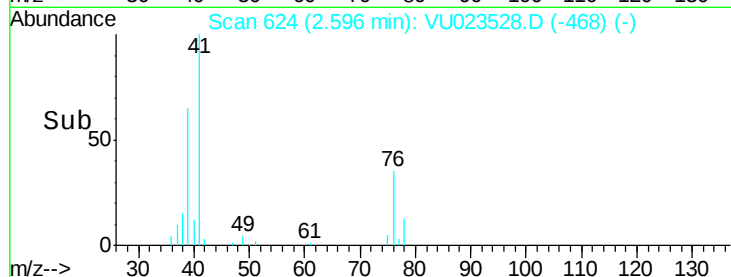
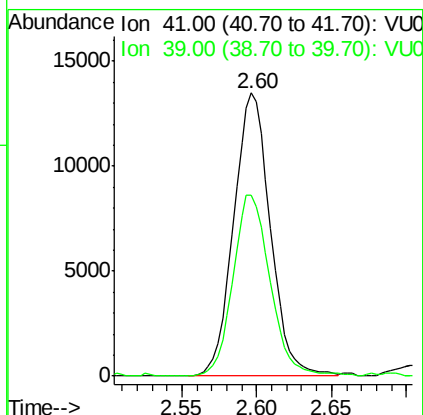
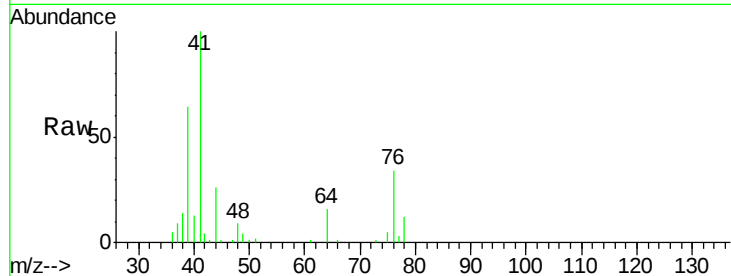




#11
 Allyl Chloride
 Concen: 1.14 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

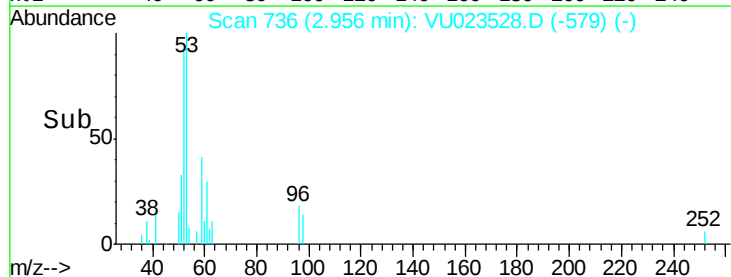
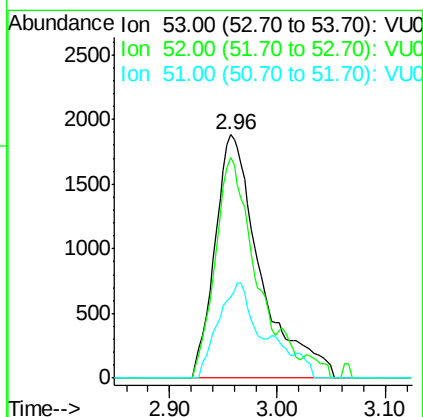
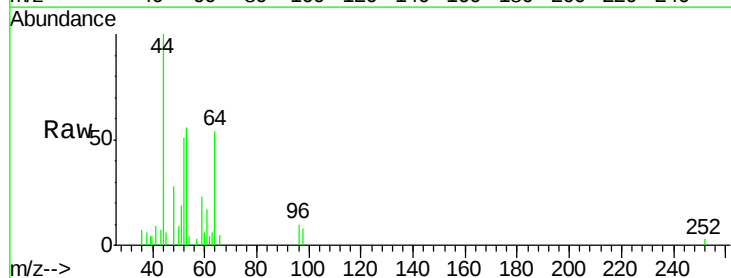
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

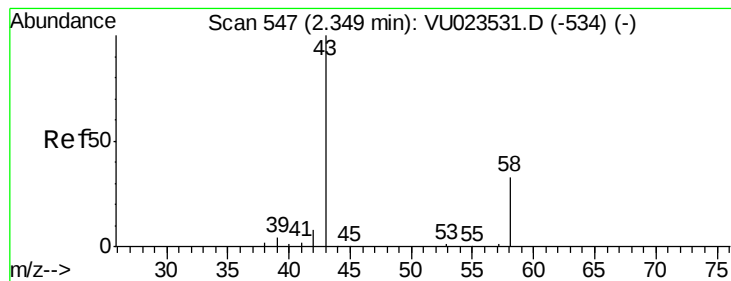
Tgt Ion: 41 Resp: 23036
 Ion Ratio Lower Upper
 41 100
 39 65.1 51.4 77.2



#12
 Acrylonitrile
 Concen: 1.91 ug/l
 RT: 2.96 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 53 Resp: 5492
 Ion Ratio Lower Upper
 53 100
 52 75.6 65.1 97.7
 51 30.5 30.2 45.4





#13

Acetone

Concen: 4.87 ug/l

RT: 2.36 min Scan# 549

Delta R.T. 0.01 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

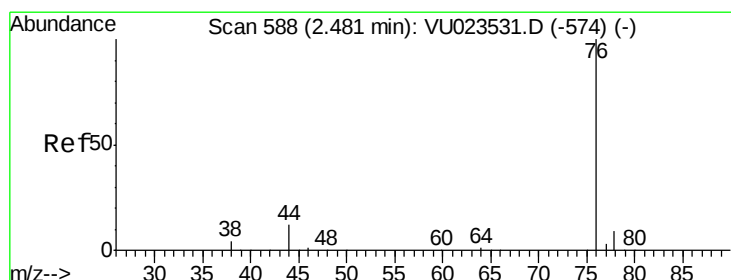
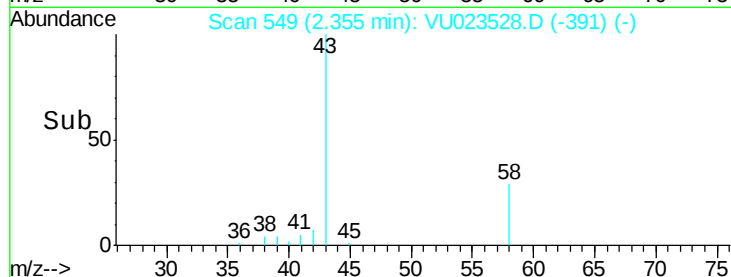
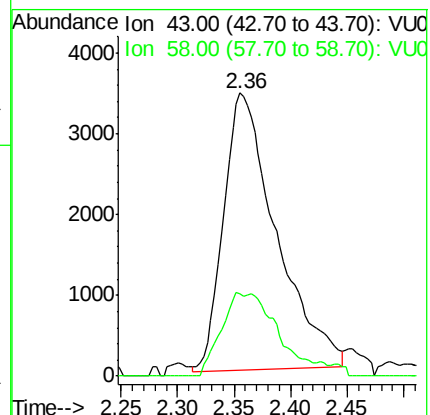
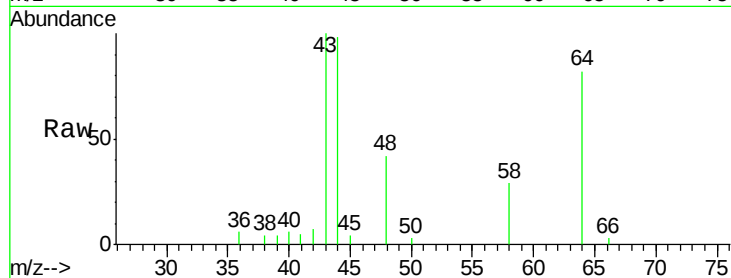
VSTDIC001

Tgt Ion: 43 Resp: 11123

Ion Ratio Lower Upper

43 100

58 30.3 26.0 39.0



#14

Carbon Disulfide

Concen: 1.03 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023528.D

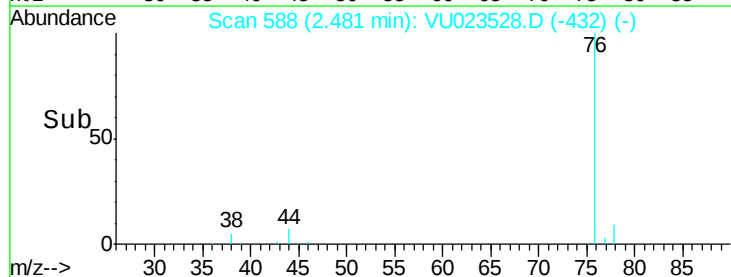
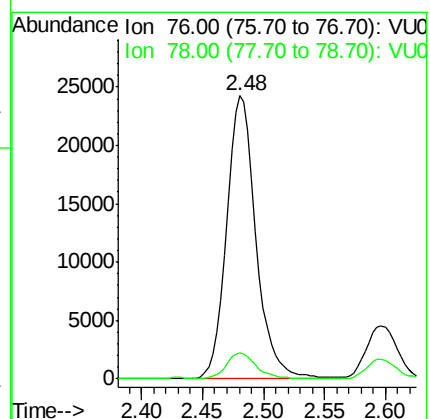
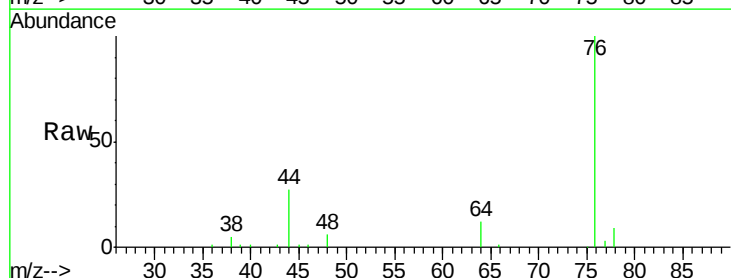
Acq: 30 Apr 2018 15:25

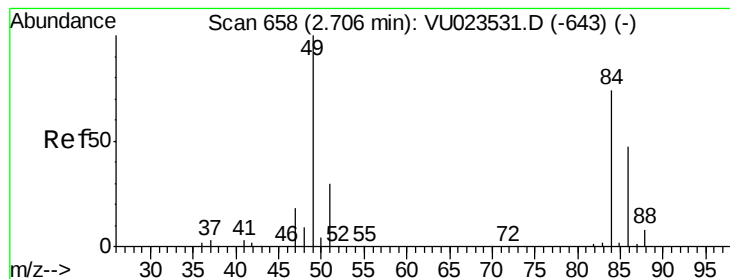
Tgt Ion: 76 Resp: 41123

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methylene Chloride

Concen: 0.93 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 84 Resp: 14230

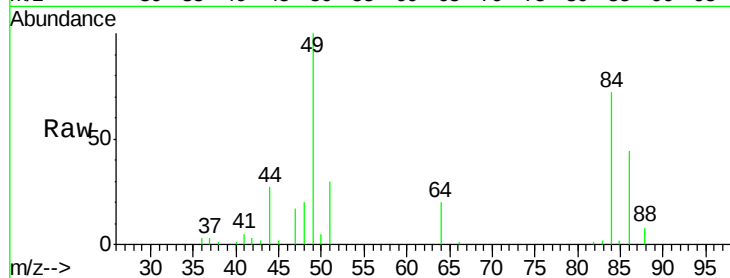
Ion Ratio Lower Upper

84 100

49 137.8 108.7 163.1

51 42.3 0.0 82.4

86 61.6 50.7 76.1

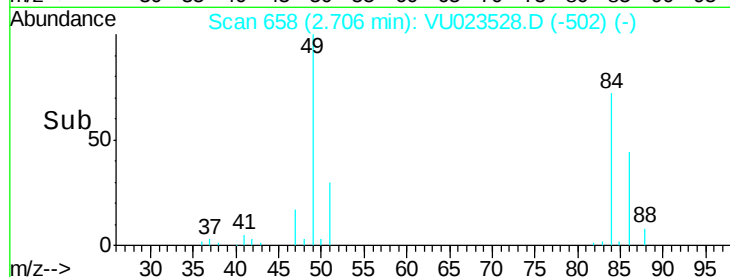


Abundance Ion 84.00 (83.70 to 84.70): VU0

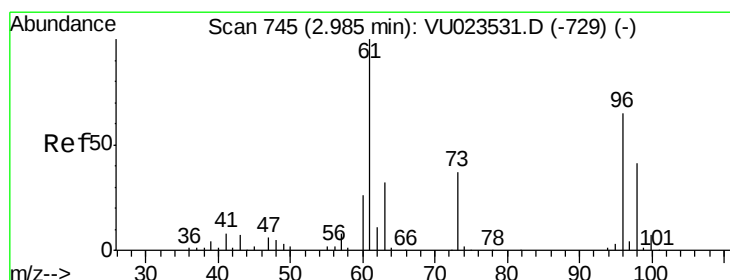
Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#16

trans-1,2-Dichloroethene

Concen: 0.97 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

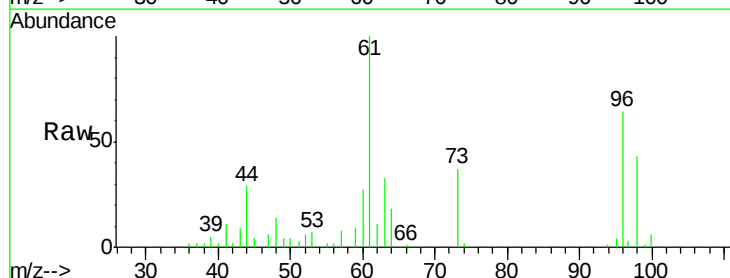
Tgt Ion: 96 Resp: 13280

Ion Ratio Lower Upper

96 100

61 155.8 123.9 185.9

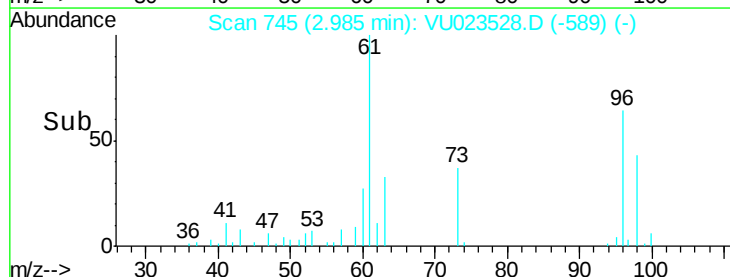
98 66.6 50.6 76.0



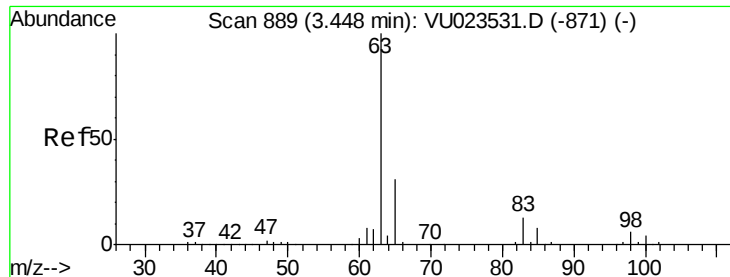
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



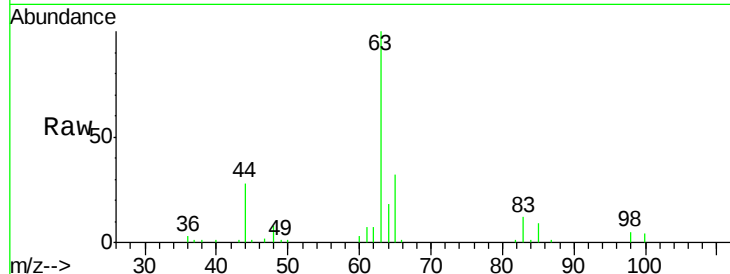
Time-->



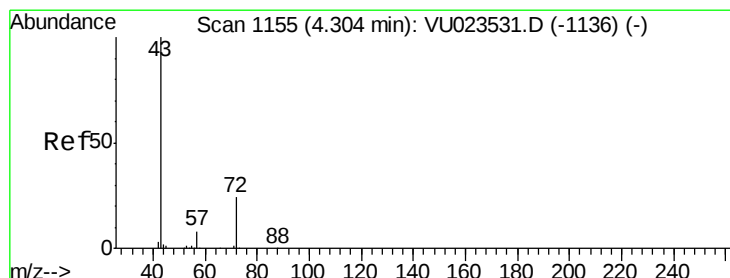
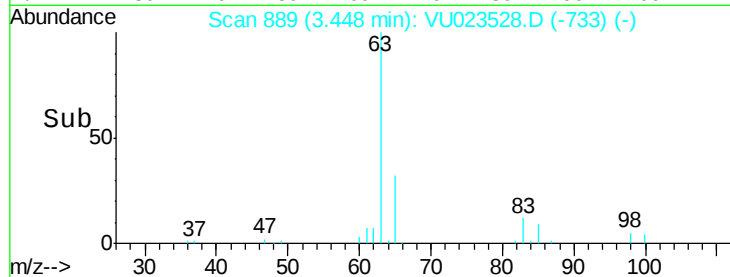
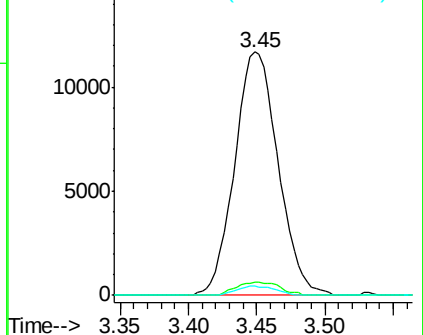
#17
 1,1-Dichloroethane
 Concen: 1.01 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 63 Resp: 25874
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.8
 100 3.8 2.0 5.8

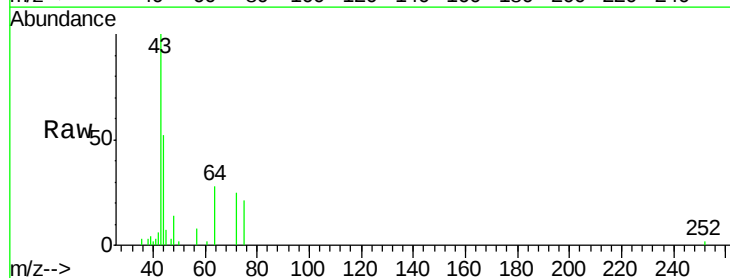


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

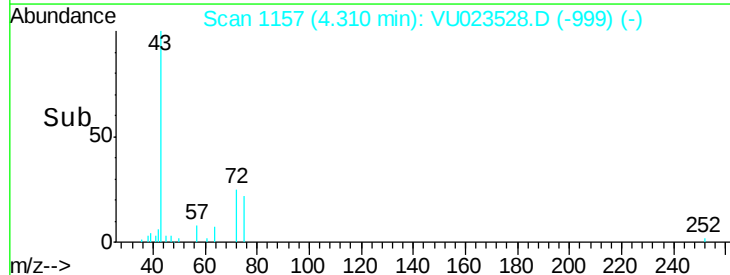
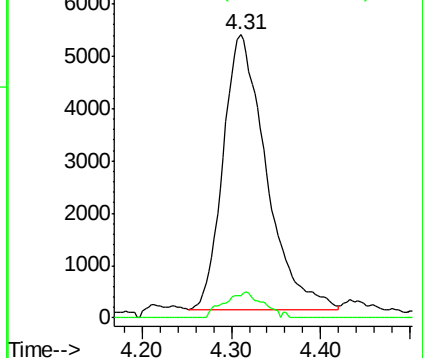


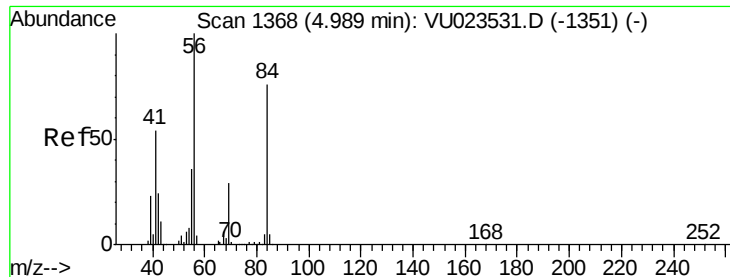
#18
 2-Butanone
 Concen: 5.03 ug/l
 RT: 4.31 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 43 Resp: 17570
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.24 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

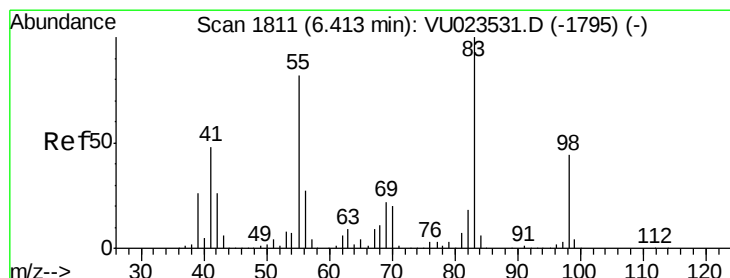
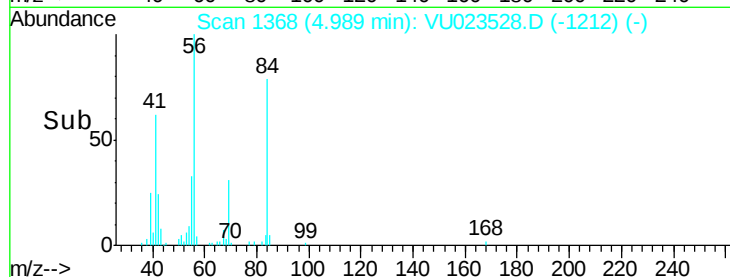
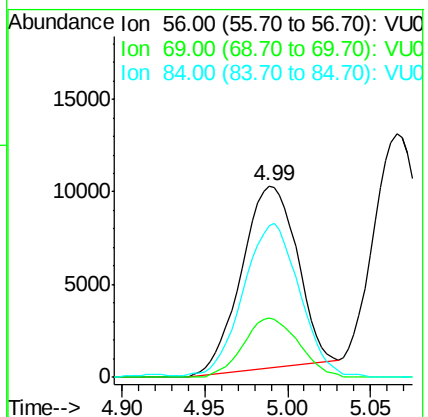
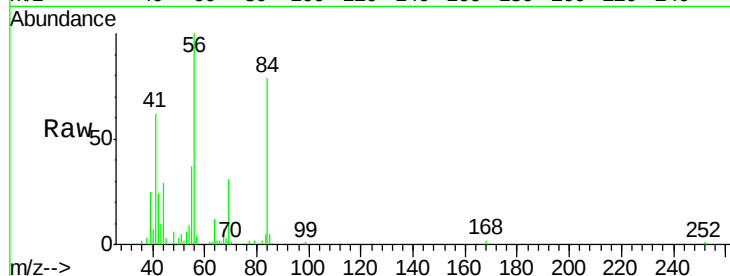
Tgt Ion: 56 Resp: 22893

Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 84.8 68.3 102.5



#20

Methylcyclohexane

Concen: 1.00 ug/l

RT: 6.41 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

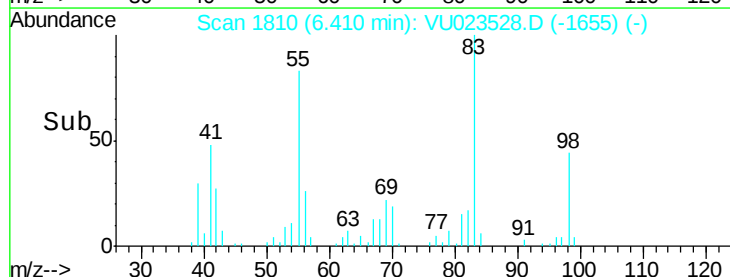
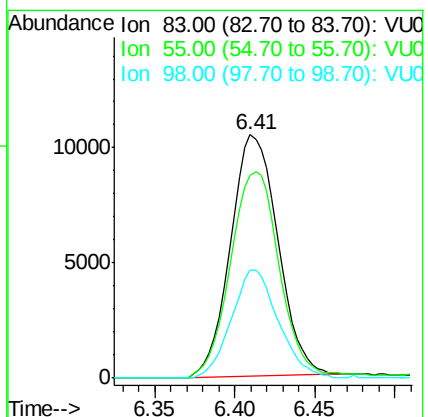
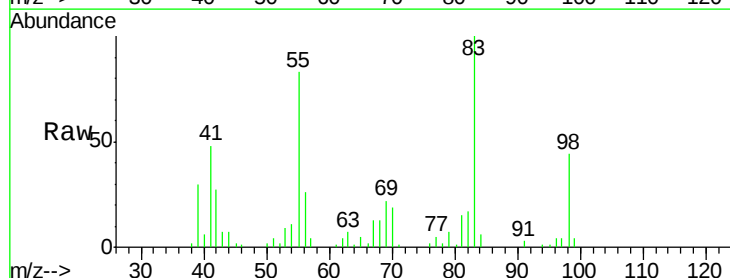
Tgt Ion: 83 Resp: 21289

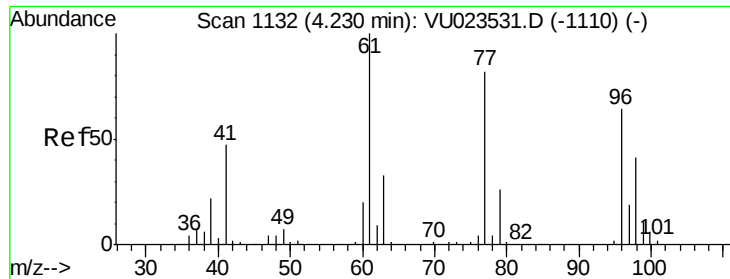
Ion Ratio Lower Upper

83 100

55 86.4 66.4 99.6

98 44.3 35.4 53.2

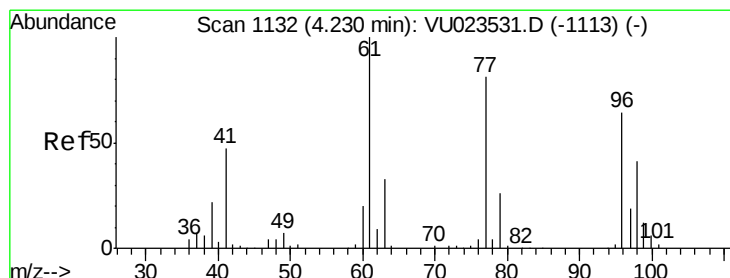
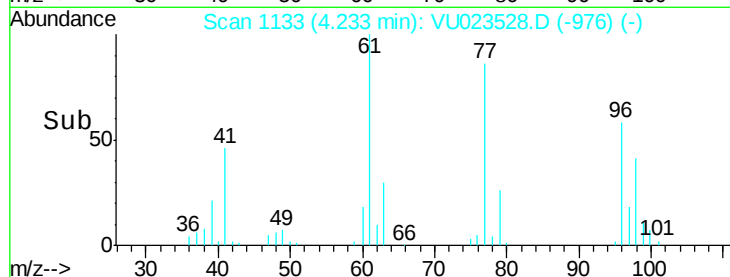
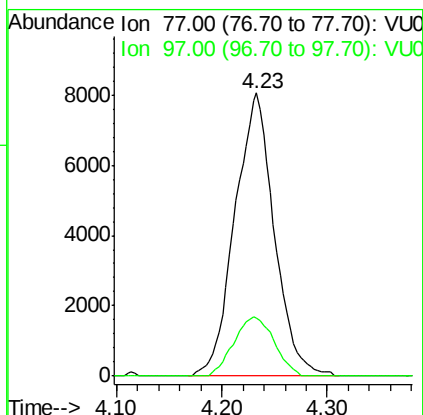
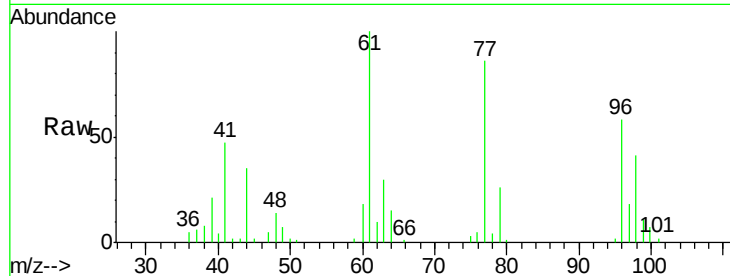




#21
 2,2-Dichloropropane
 Concen: 1.12 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

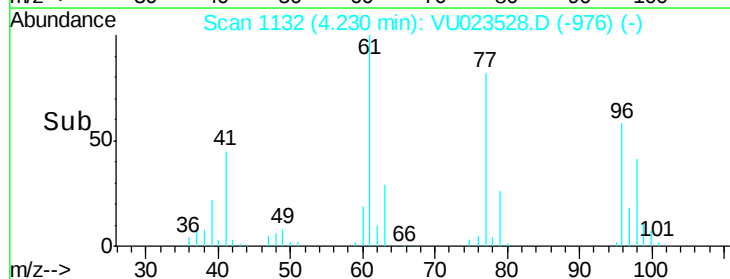
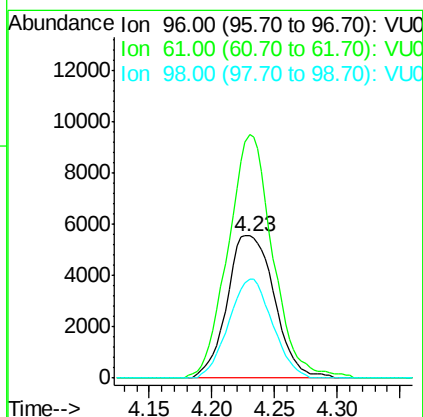
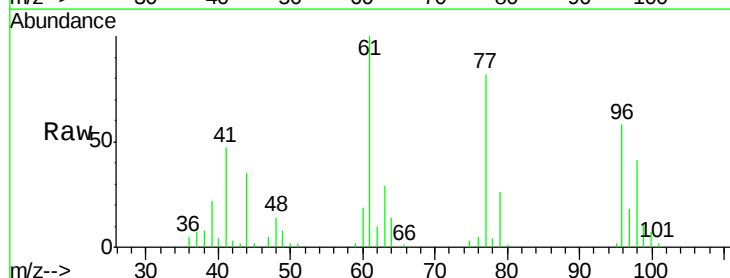
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

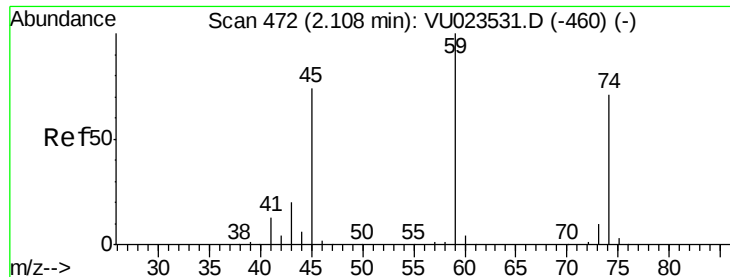
Tgt Ion: 77 Resp: 20898
 Ion Ratio Lower Upper
 77 100
 97 21.3 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 0.96 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 96 Resp: 14598
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 400.5
 98 64.1 32.2 96.6

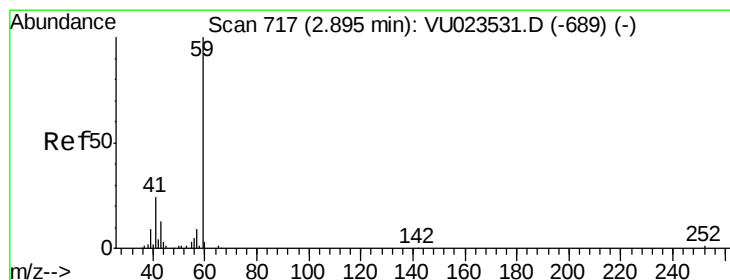
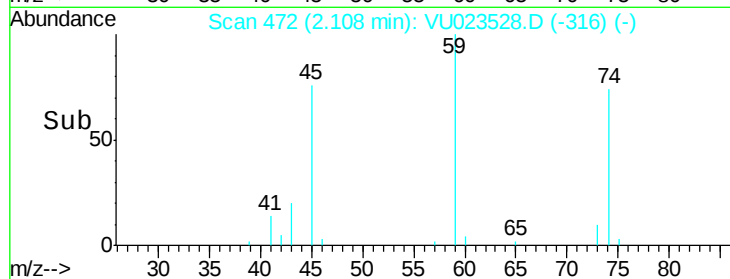
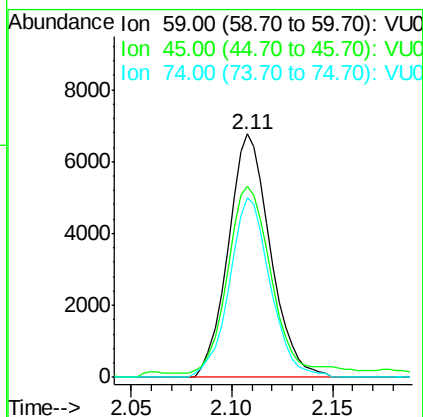
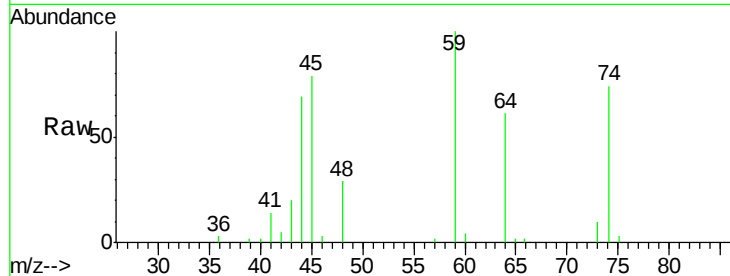




#23
Diethyl Ether
Concen: 0.96 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

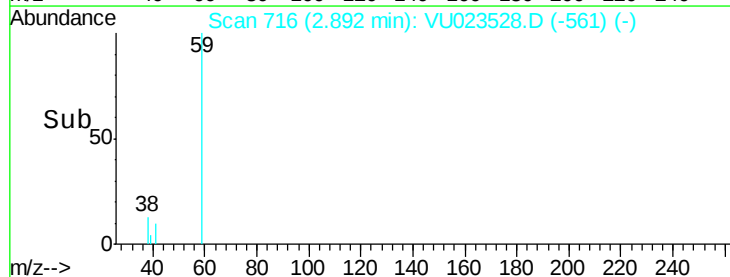
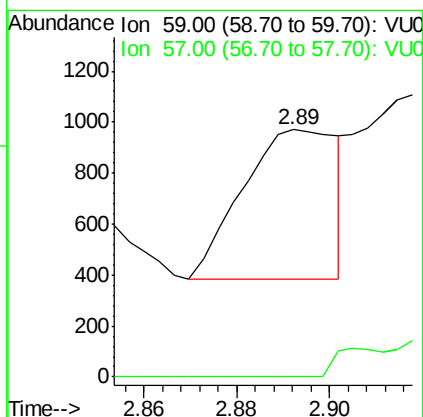
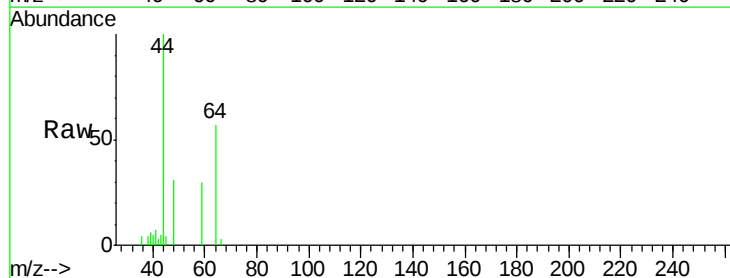
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

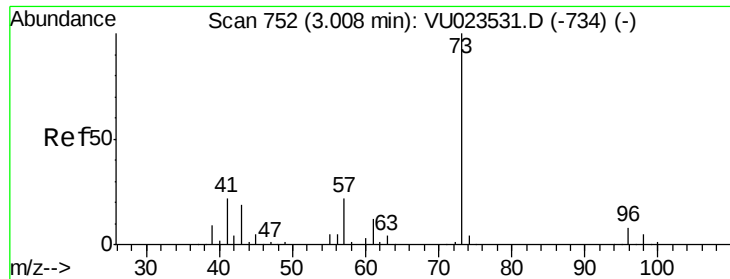
Tgt Ion: 59 Resp: 9908
Ion Ratio Lower Upper
59 100
45 79.8 60.0 90.0
74 71.5 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 0.83 ug/l
RT: 2.89 min Scan# 716
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 59 Resp: 833
Ion Ratio Lower Upper
59 100
57 0.0 3.4 5.2#





#25

Methyl tert-Butyl Ether

Concen: 0.98 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

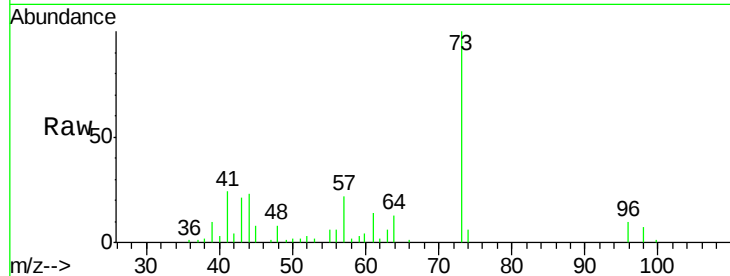
VSTDIC001

Tgt Ion: 73 Resp: 31424

Ion Ratio Lower Upper

73 100

43 22.6 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU023528.D (-596) (-)

Ion 43.00 (42.70 to 43.70): VU023528.D (-596) (-)

3.01

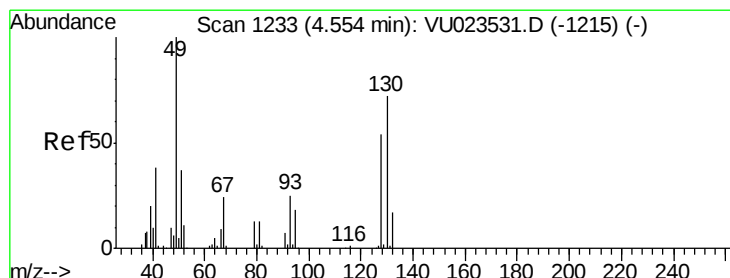
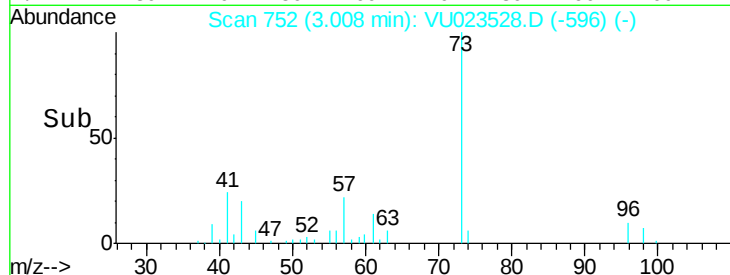
15000

10000

5000

0

Time-->



#26

Bromochloromethane

Concen: 0.86 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

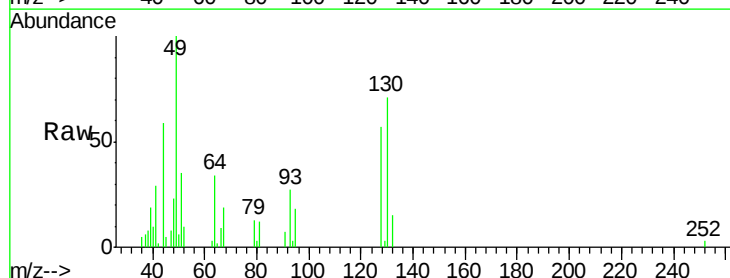
Tgt Ion: 128 Resp: 5777

Ion Ratio Lower Upper

128 100

49 188.6 0.0 375.2

130 129.8 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU023528.D (-1077) (-)

Ion 49.00 (48.70 to 49.70): VU023528.D (-1077) (-)

Ion 130.00 (129.70 to 130.70): VU023528.D (-1077) (-)

4.55

6000

5000

4000

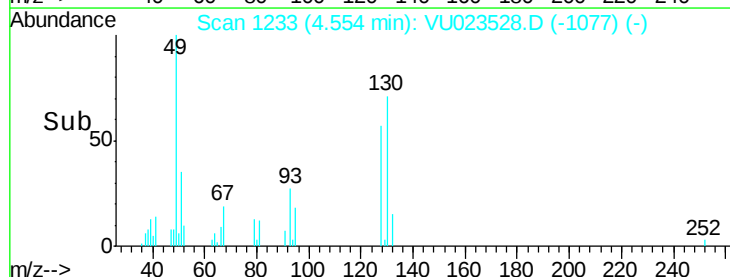
3000

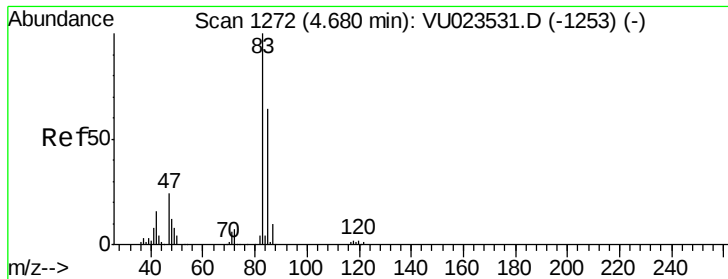
2000

1000

0

Time-->

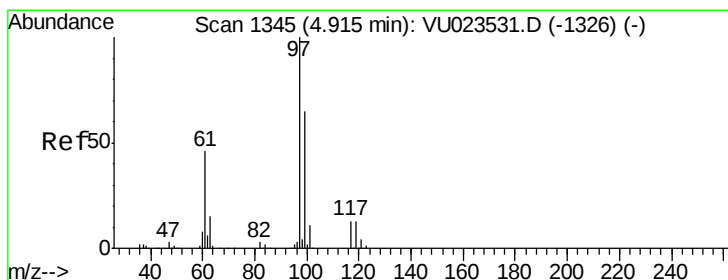
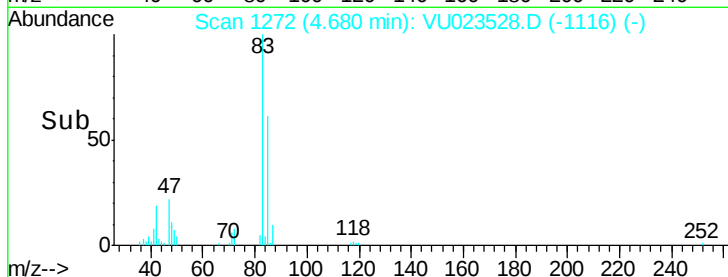
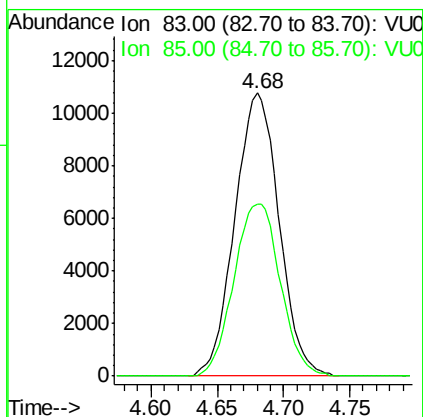
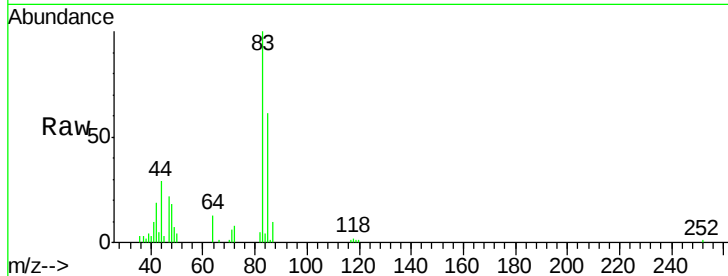




#27
Chloroform
Concen: 0.98 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

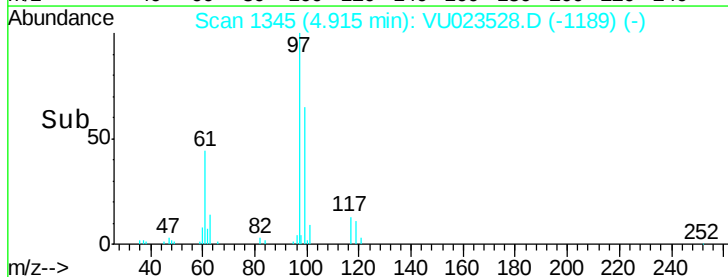
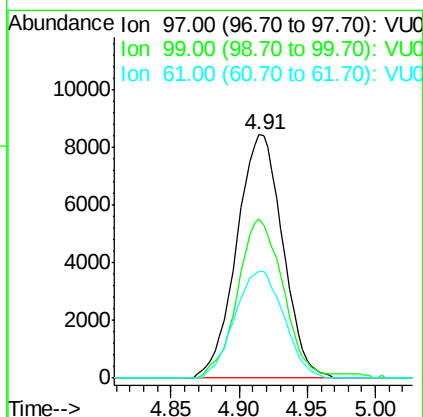
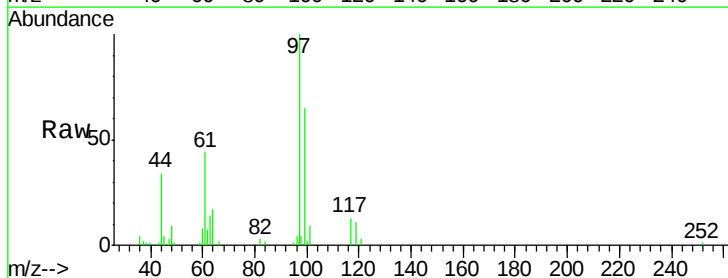
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

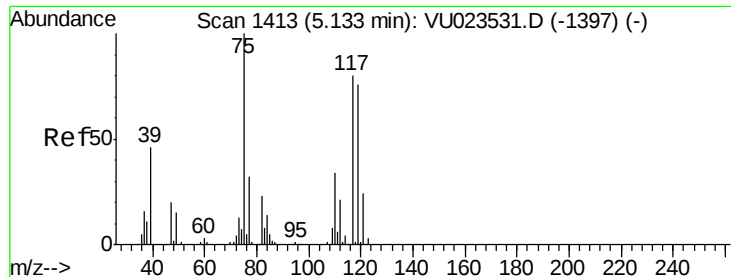
Tgt Ion: 83 Resp: 25015
Ion Ratio Lower Upper
83 100
85 60.8 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 1.01 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 97 Resp: 19787
Ion Ratio Lower Upper
97 100
99 64.7 32.3 96.9
61 46.6 23.2 69.5





#29

1,1-Dichloropropene

Concen: 1.02 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

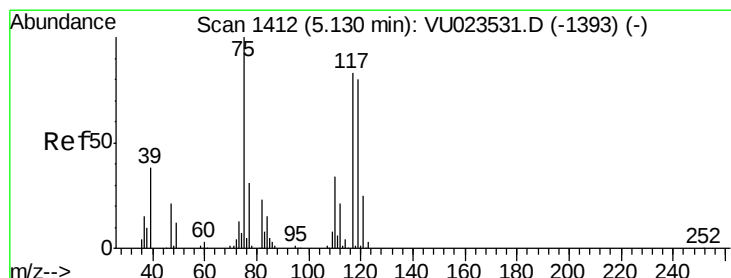
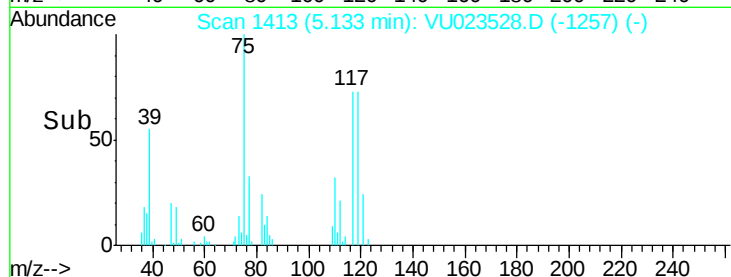
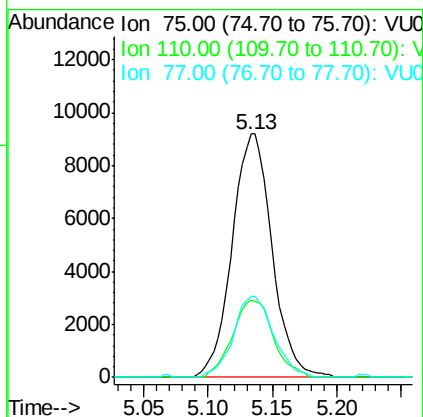
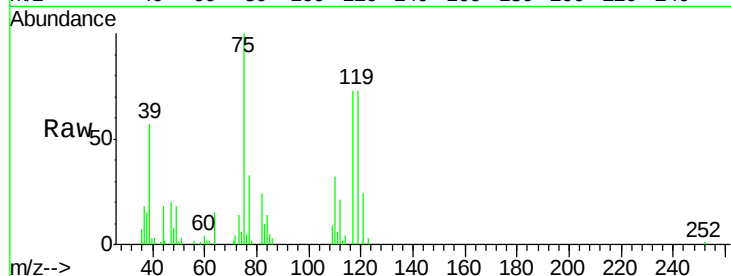
Tgt Ion: 75 Resp: 19794

Ion Ratio Lower Upper

75 100

110 32.3 16.9 50.7

77 33.3 24.8 37.2



#30

Carbon Tetrachloride

Concen: 0.98 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

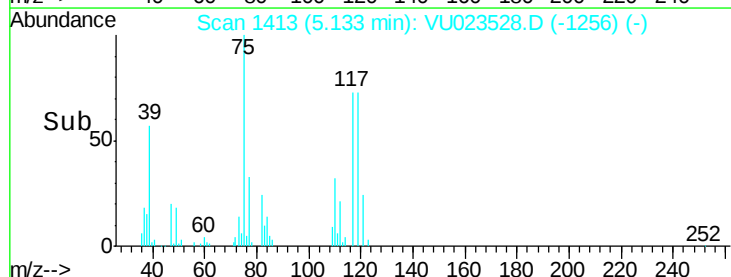
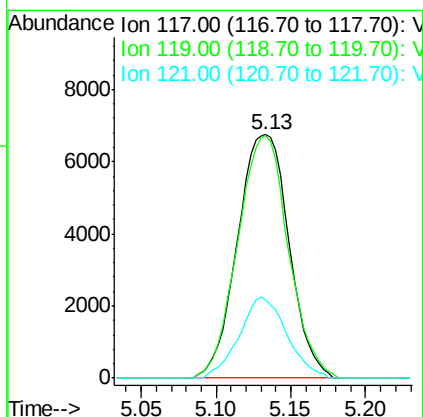
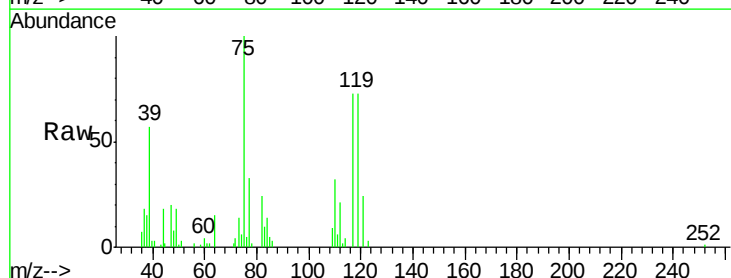
Tgt Ion: 117 Resp: 16160

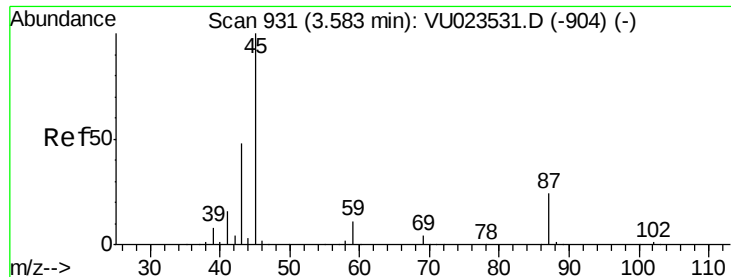
Ion Ratio Lower Upper

117 100

119 99.6 77.3 115.9

121 32.1 24.5 36.7





#31

Isopropyl Ether

Concen: 1.10 ug/l

RT: 3.58 min Scan# 931

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

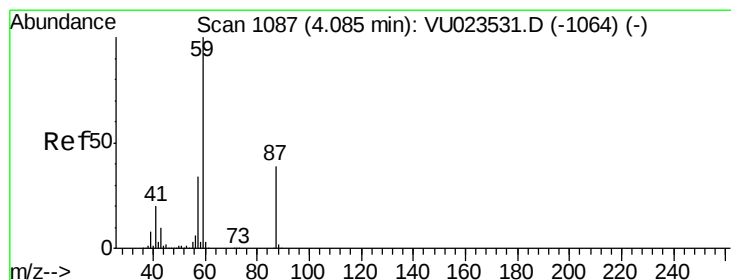
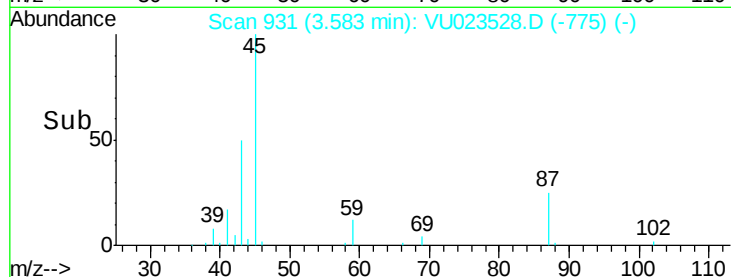
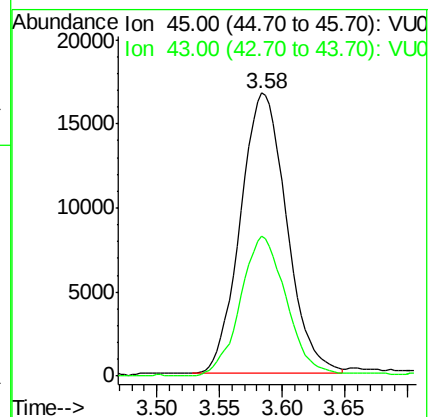
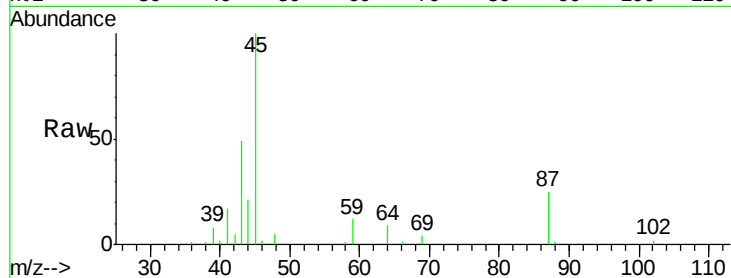
VSTDIC001

Tgt Ion: 45 Resp: 42896

Ion Ratio Lower Upper

45 100

43 49.8 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 1.07 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VU023528.D

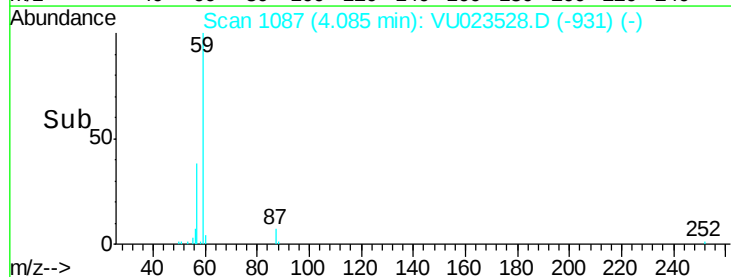
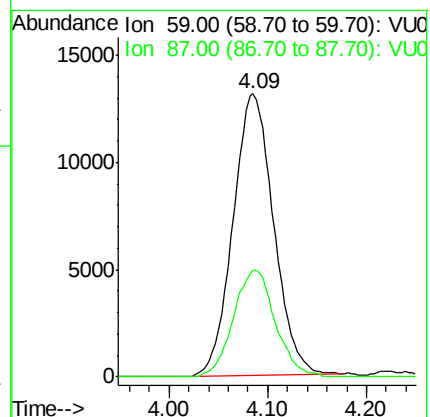
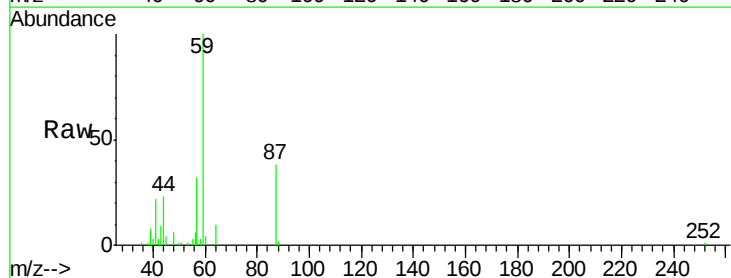
Acq: 30 Apr 2018 15:25

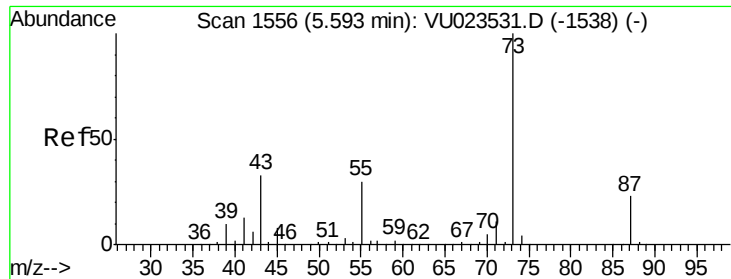
Tgt Ion: 59 Resp: 37545

Ion Ratio Lower Upper

59 100

87 38.9 31.0 46.6

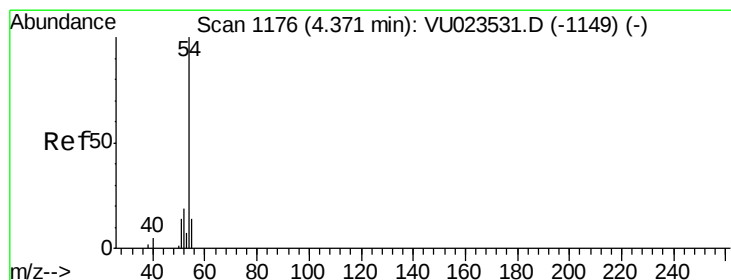
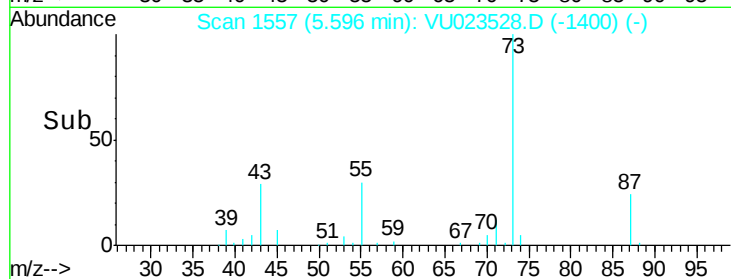
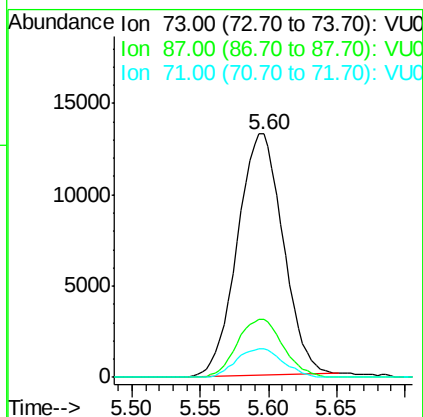
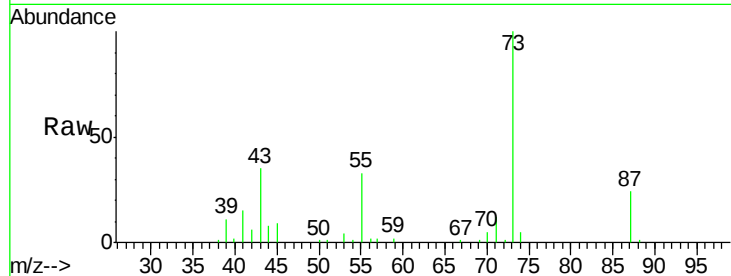




#33
Tert-Amyl methyl ether
Concen: 1.01 ug/l
RT: 5.60 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

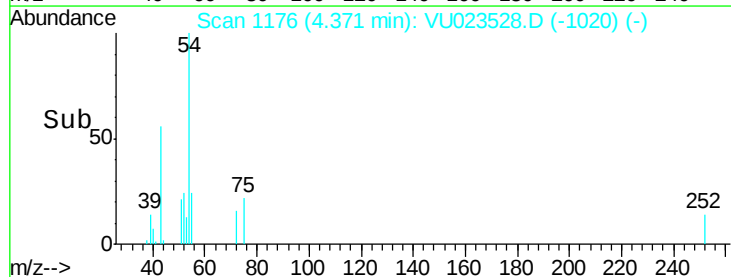
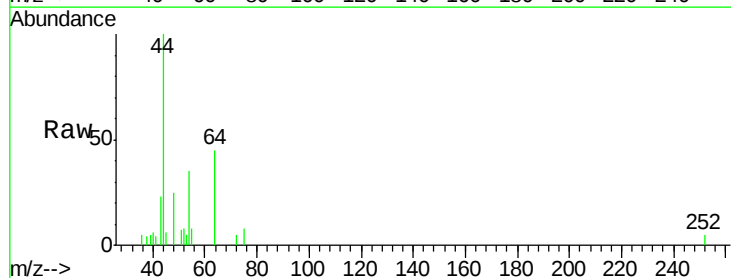
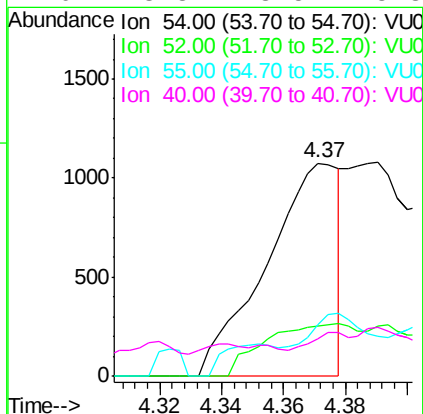
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

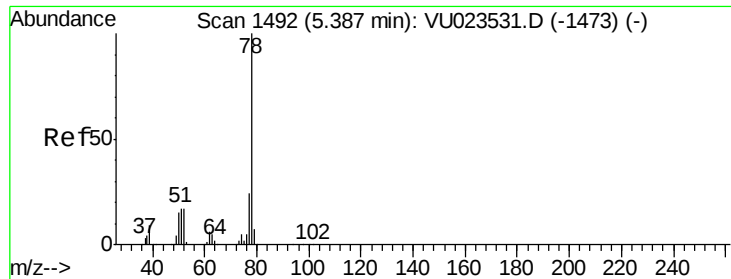
Tgt Ion: 73 Resp: 30778
Ion Ratio Lower Upper
73 100
87 24.1 18.6 28.0
71 12.1 9.3 13.9



#34
Propionitrile
Concen: 1.65 ug/l
RT: 4.37 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 54 Resp: 1745
Ion Ratio Lower Upper
54 100
52 30.5 13.7 20.5#
55 22.5 10.2 15.2#
40 3.8 3.5 5.3





#35

Benzene

Concen: 0.92 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

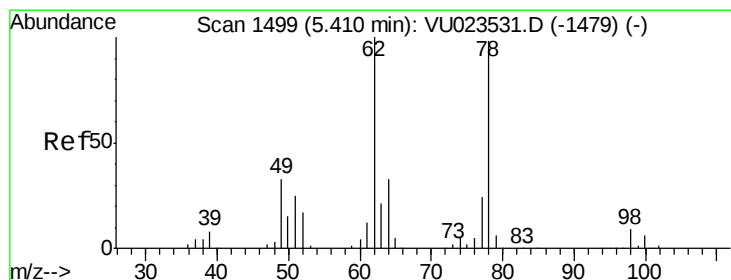
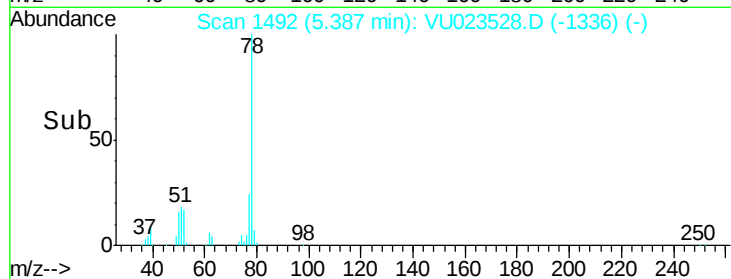
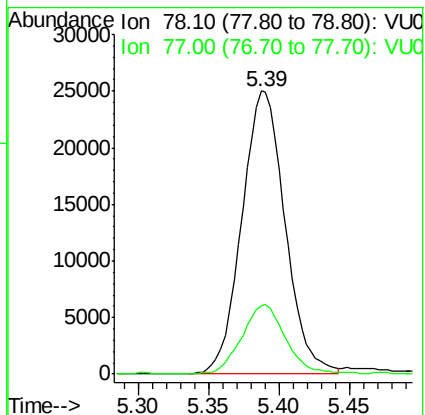
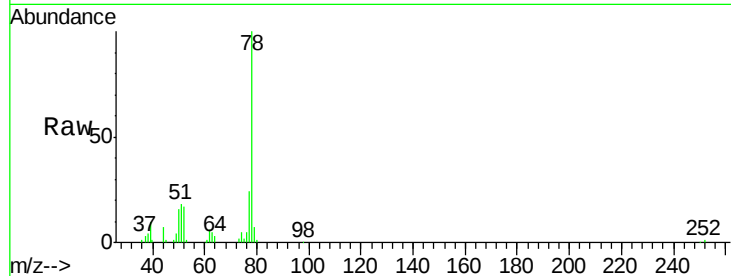
VSTDIC001

Tgt Ion: 78 Resp: 53760

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



#36

1,2-Dichloroethane

Concen: 1.05 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU023528.D

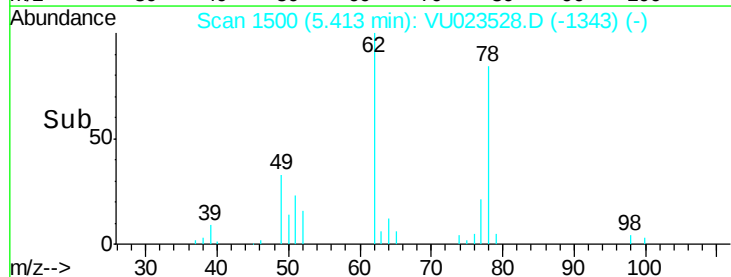
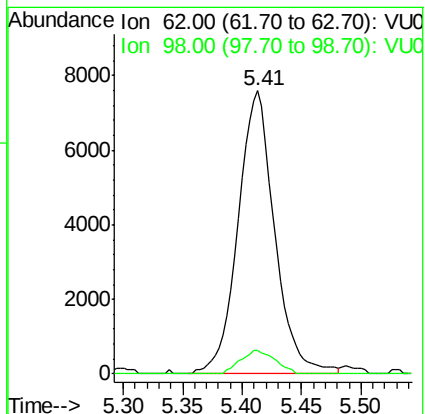
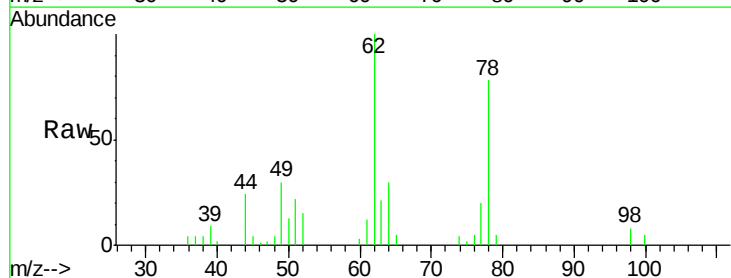
Acq: 30 Apr 2018 15:25

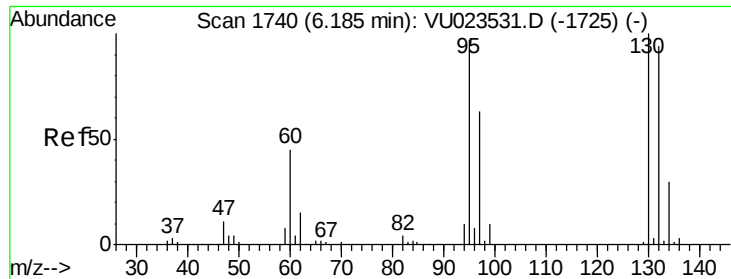
Tgt Ion: 62 Resp: 16214

Ion Ratio Lower Upper

62 100

98 7.8 7.2 10.8

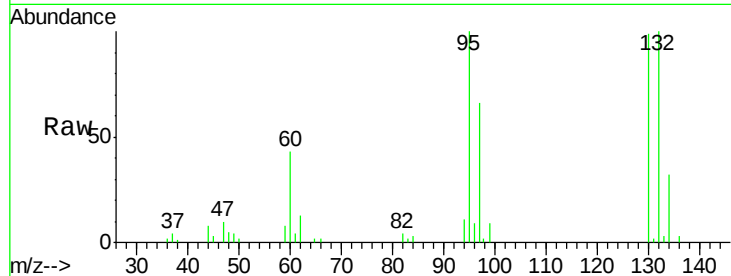




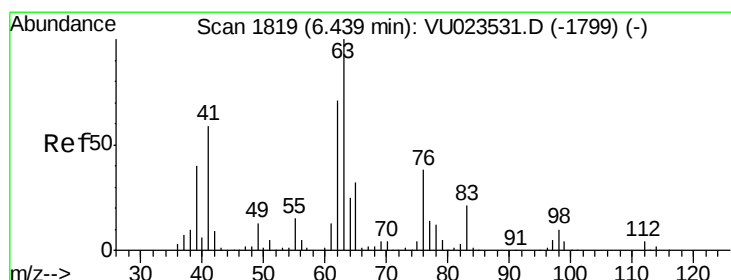
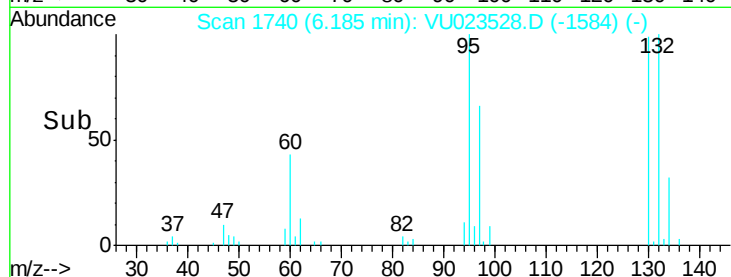
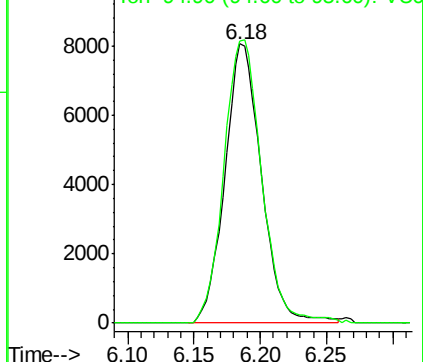
#37
 Trichloroethene
 Concen: 0.99 ug/l
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:130 Resp: 15444
 Ion Ratio Lower Upper
 130 100
 95 100.9 77.9 116.9

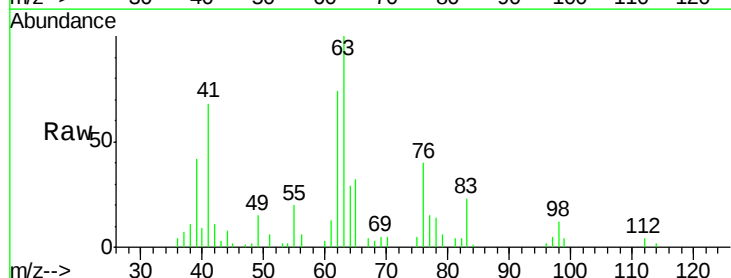


Abundance Ion 129.90 (129.60 to 130.60): VU023528.D (-1584) (-)
 Ion 94.90 (94.60 to 95.60): VU023528.D (-1584) (-)

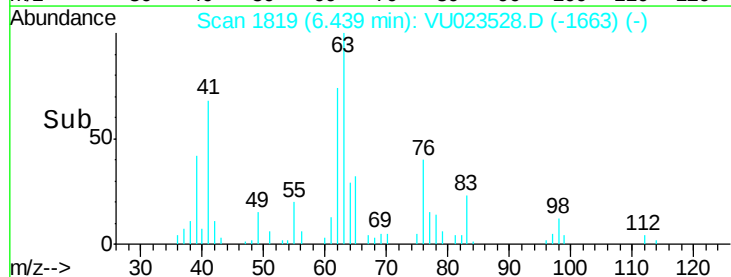
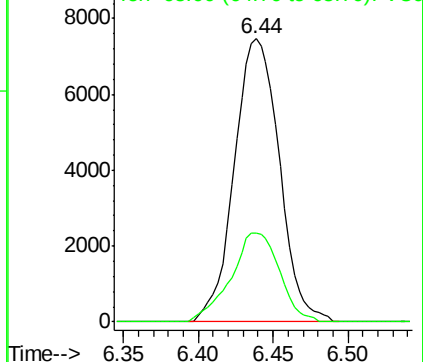


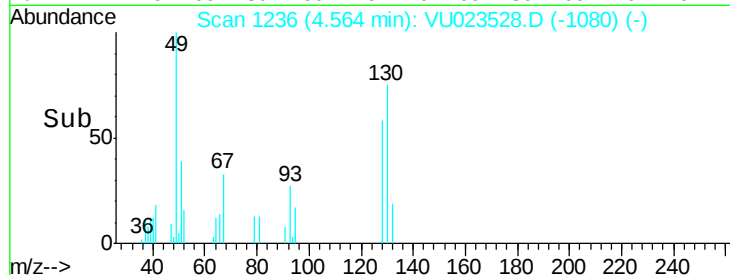
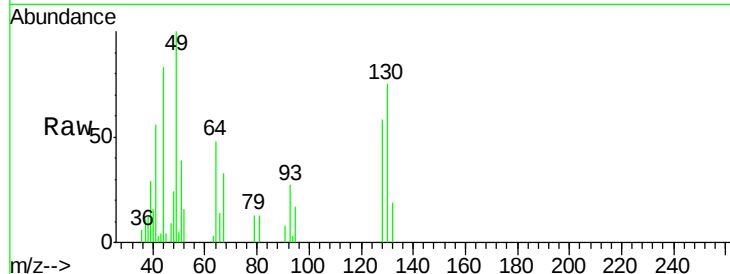
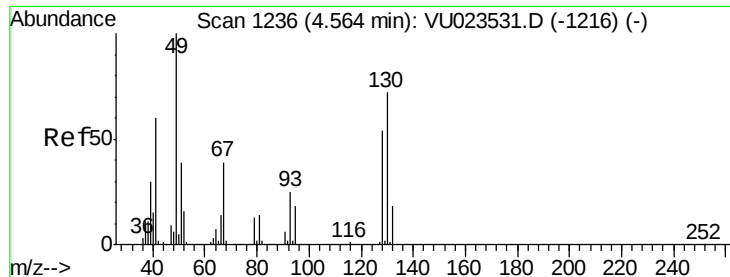
#38
 1,2-Dichloropropane
 Concen: 1.05 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 63 Resp: 15649
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU023528.D (-1663) (-)
 Ion 65.00 (64.70 to 65.70): VU023528.D (-1663) (-)





#39

Methacrylonitrile

Concen: 1.18 ug/l

RT: 4.56 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 5153

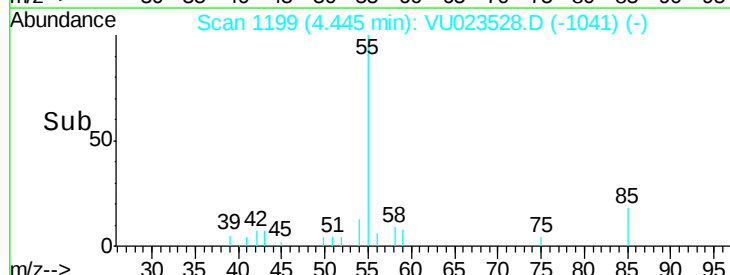
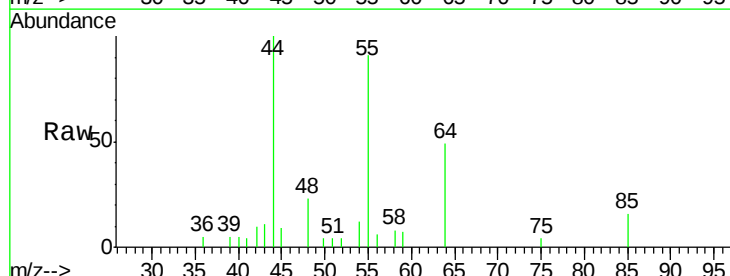
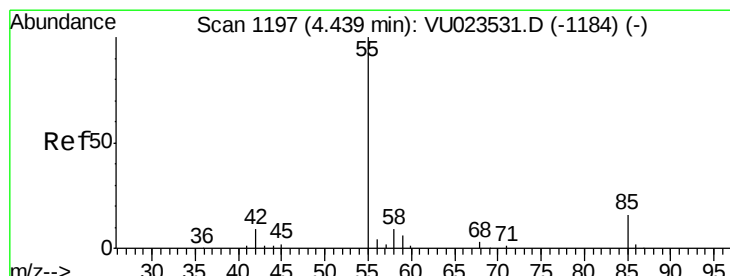
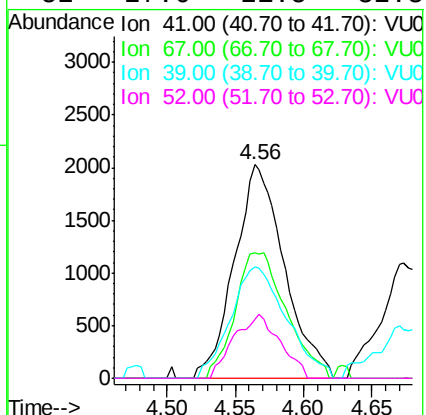
Ion Ratio Lower Upper

41 100

67 60.3 51.3 76.9

39 58.5 40.6 60.8

52 27.6 21.5 32.3



#40

Methyl acrylate

Concen: 1.01 ug/l

RT: 4.45 min Scan# 1199

Delta R.T. 0.01 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Tgt Ion: 55 Resp: 6677

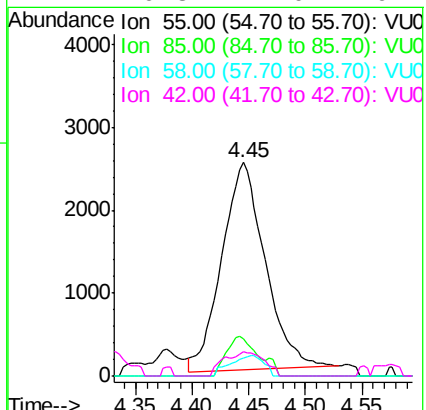
Ion Ratio Lower Upper

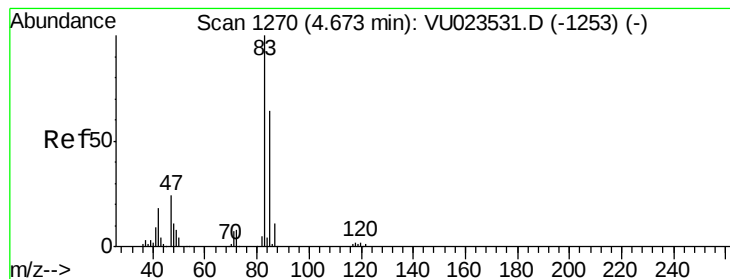
55 100

85 12.7 12.3 18.5

58 7.6 7.0 10.6

42 10.8 7.0 10.4#





#41

Tetrahydrofuran

Concen: 2.42 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

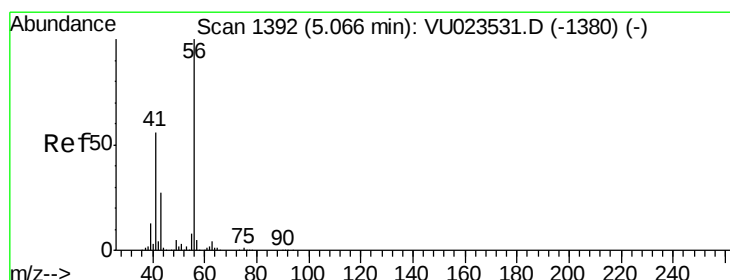
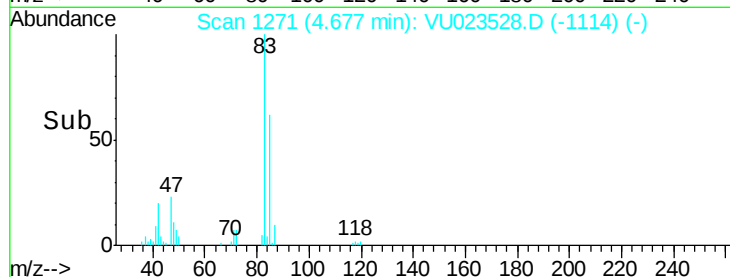
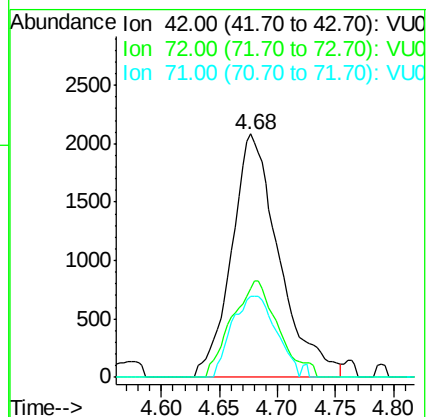
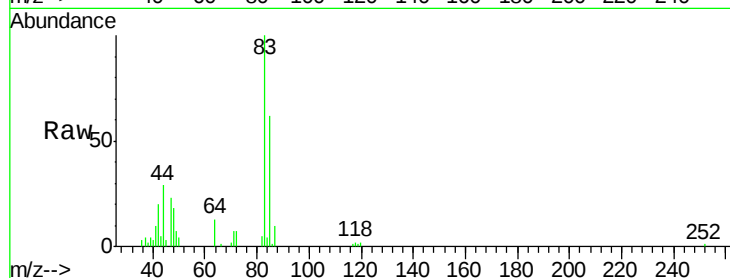
Tgt Ion: 42 Resp: 5916

Ion Ratio Lower Upper

42 100

72 38.7 33.2 49.8

71 31.0 29.8 44.8



#42

1-Chlorobutane

Concen: 1.07 ug/l

RT: 5.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU023528.D

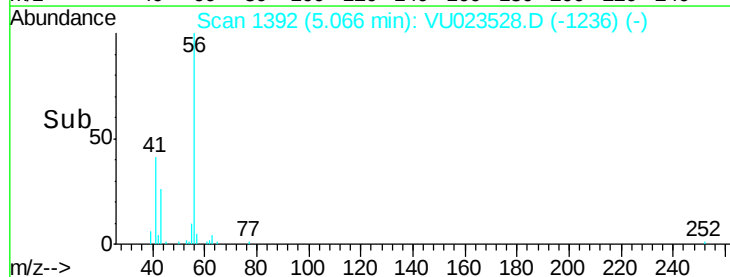
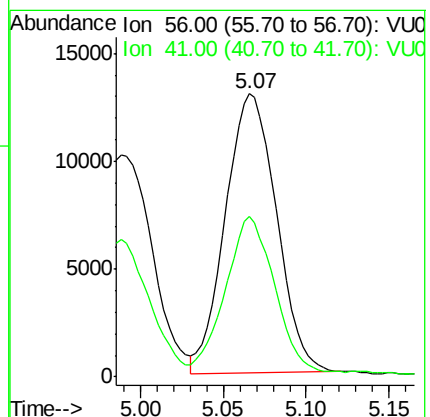
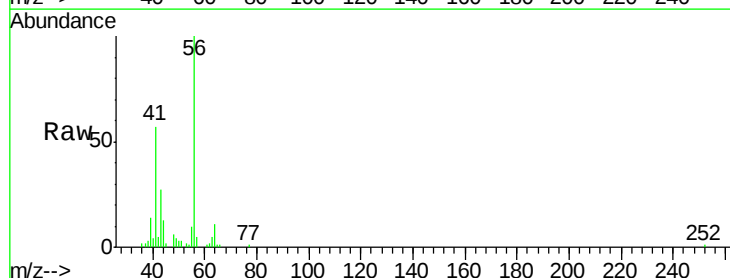
Acq: 30 Apr 2018 15:25

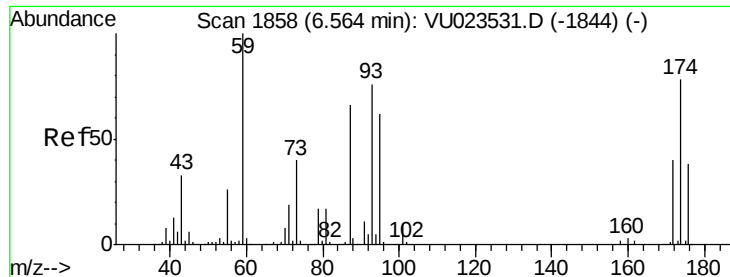
Tgt Ion: 56 Resp: 27835

Ion Ratio Lower Upper

56 100

41 54.0 27.5 82.5





#43

Dibromomethane

Concen: 1.00 ug/l

RT: 6.57 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

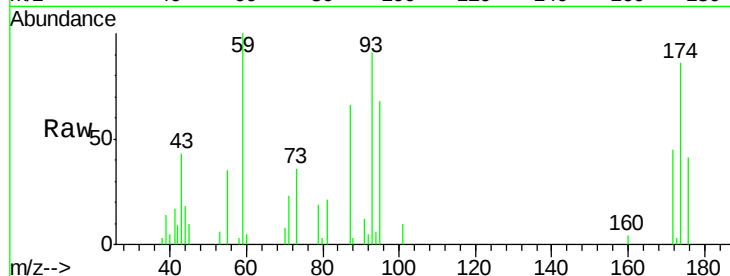
Tgt Ion: 93 Resp: 7010

Ion Ratio Lower Upper

93 100

95 79.2 67.2 100.8

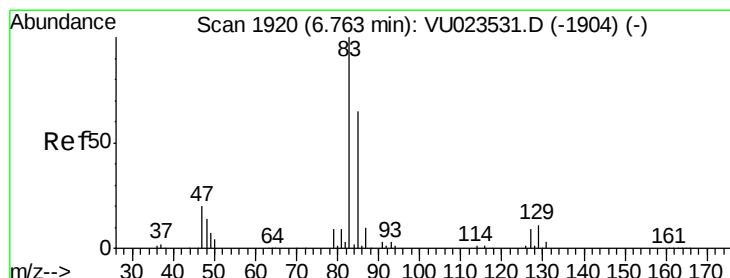
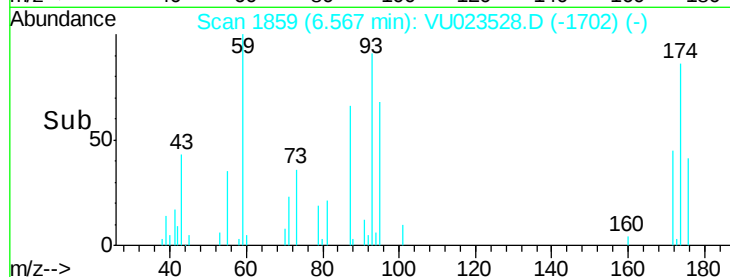
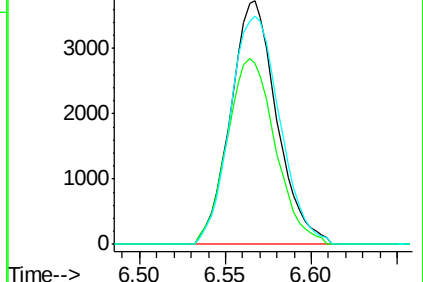
174 100.3 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.02 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

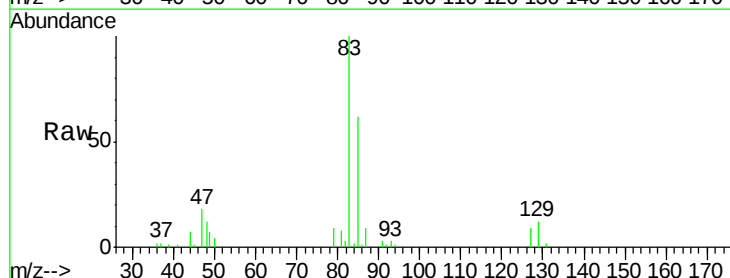
Tgt Ion: 83 Resp: 16827

Ion Ratio Lower Upper

83 100

85 61.6 52.2 78.4

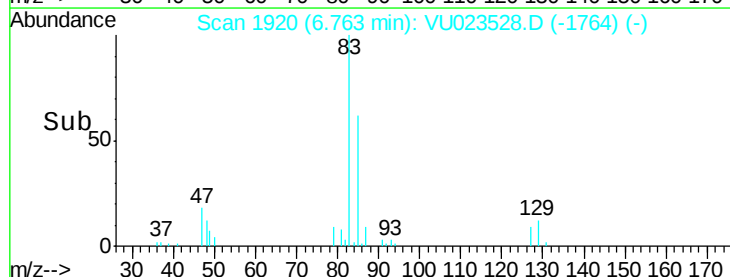
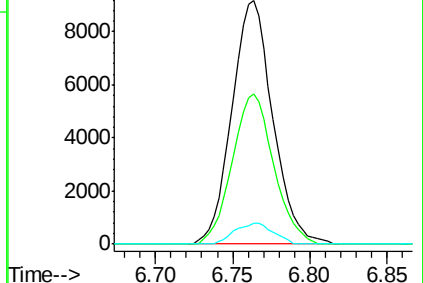
127 8.7 7.0 10.4

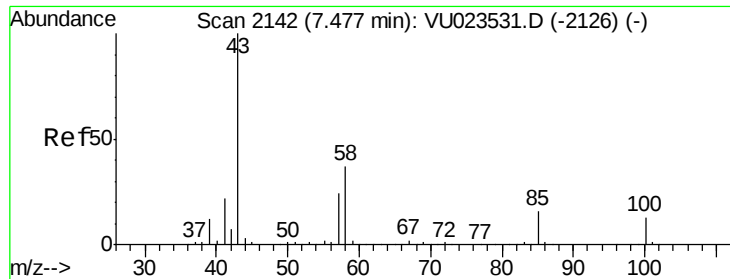


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

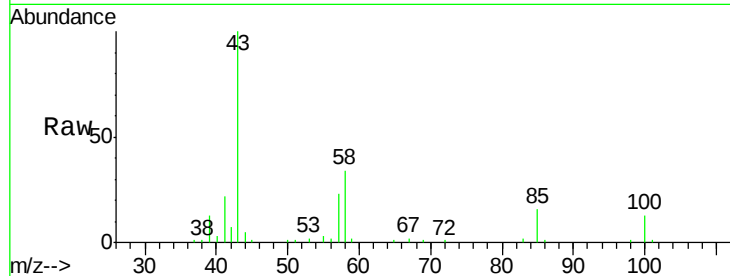




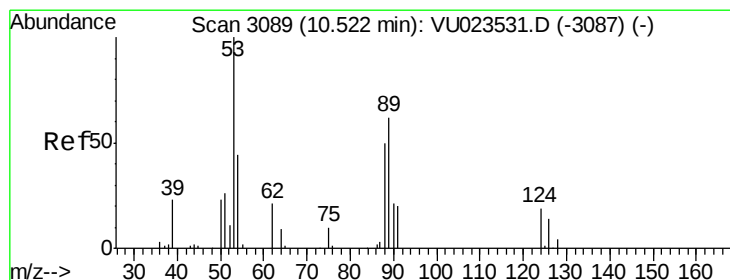
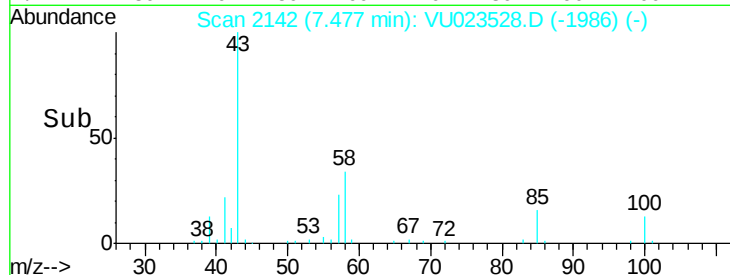
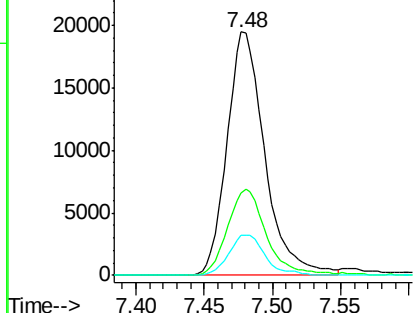
#45
 4-Methyl-2-Pentanone
 Concen: 4.63 ug/l
 RT: 7.48 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	18.8	56.4
85	15.8	12.6	19.0

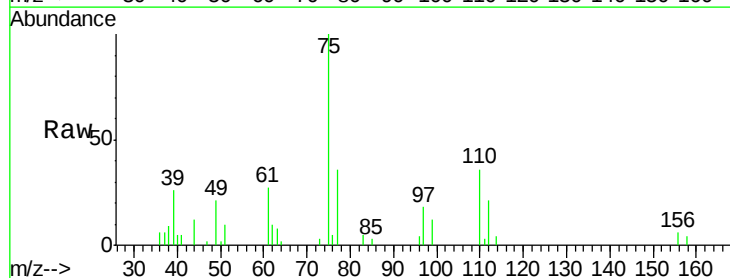


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

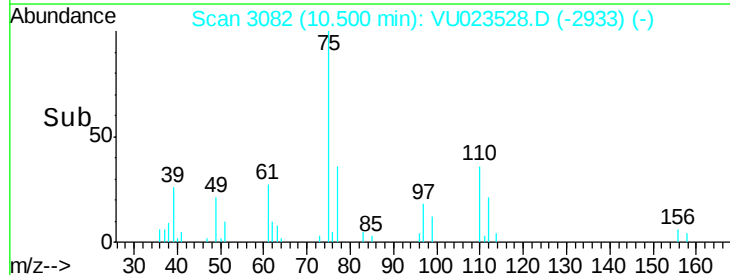
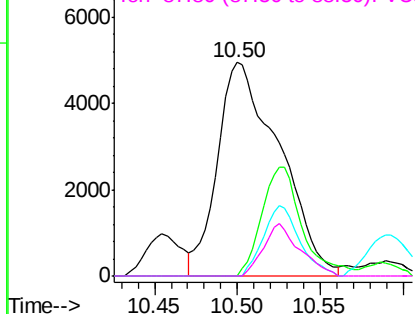


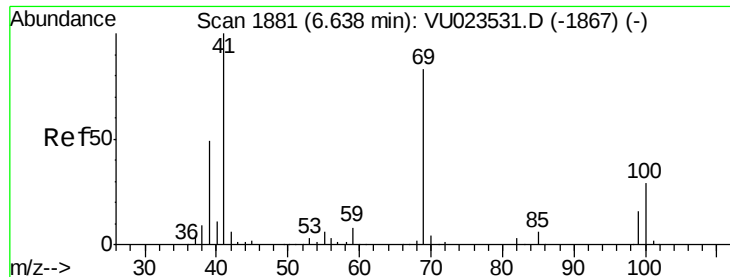
#46
 t-1,4-Dichloro-2-butene
 Concen: 5.08 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
53	33.2	82.2	123.4#
89	19.4	51.3	76.9#
88	14.4	37.4	56.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0

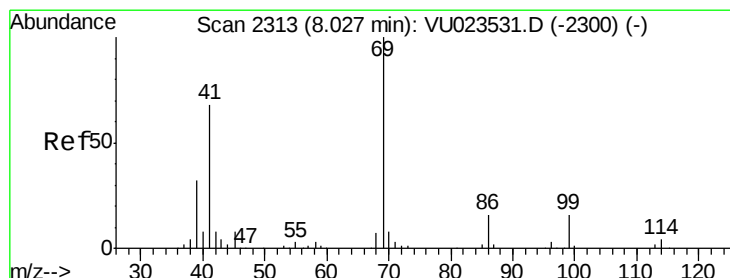
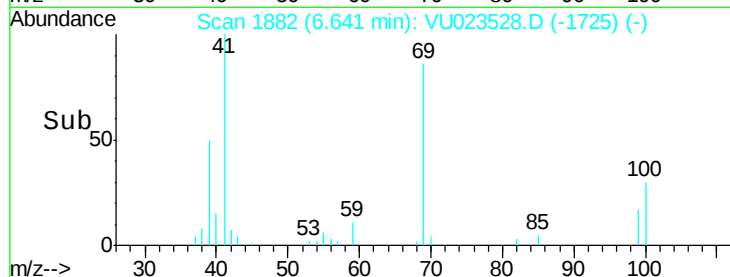
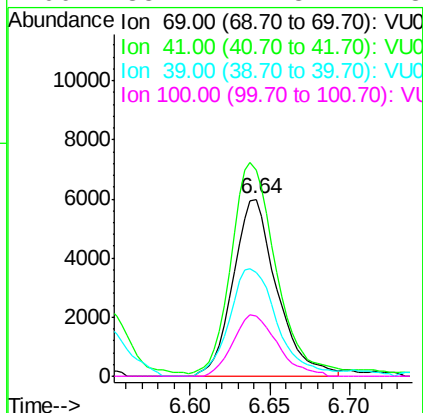
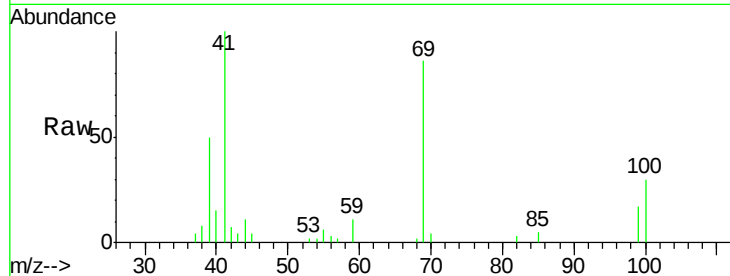




#47
Methyl methacrylate
Concen: 1.67 ug/l
RT: 6.64 min Scan# 1882
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

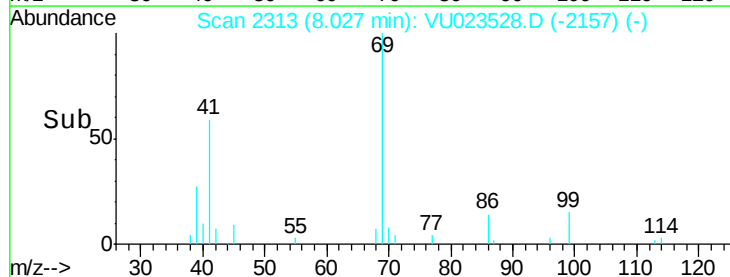
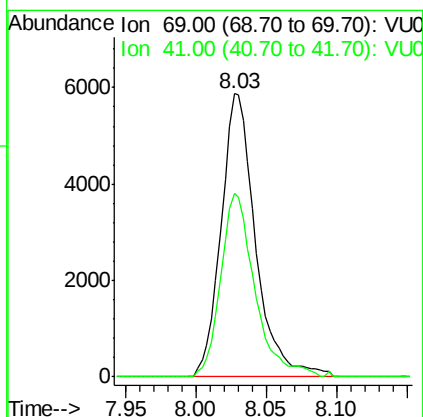
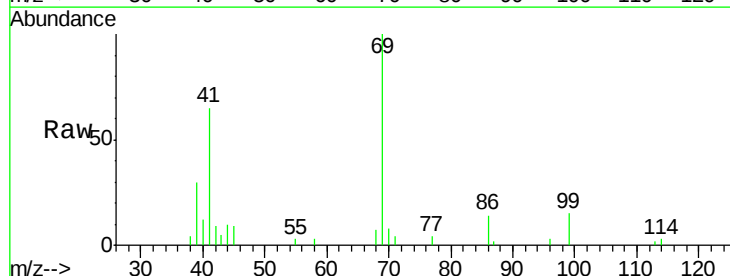
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

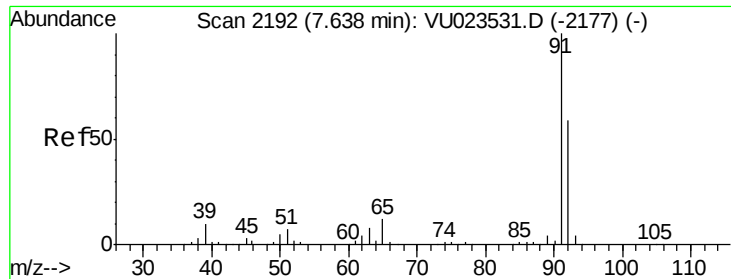
Tgt Ion: 69 Resp: 11172
Ion Ratio Lower Upper
69 100
41 120.0 0.0 245.4
39 66.8 49.0 73.4
100 35.1 27.8 41.8



#48
Ethyl methacrylate
Concen: 0.84 ug/l
RT: 8.03 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 69 Resp: 9994
Ion Ratio Lower Upper
69 100
41 64.3 34.2 102.5





#49

Toluene

Concen: 0.92 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

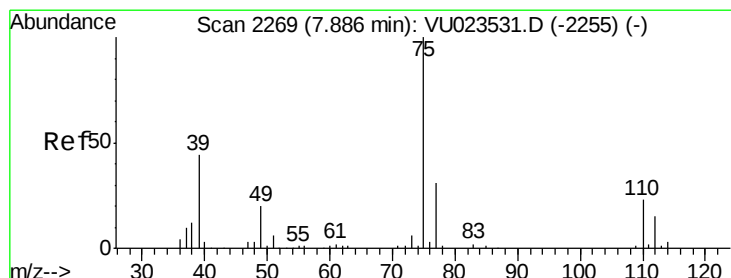
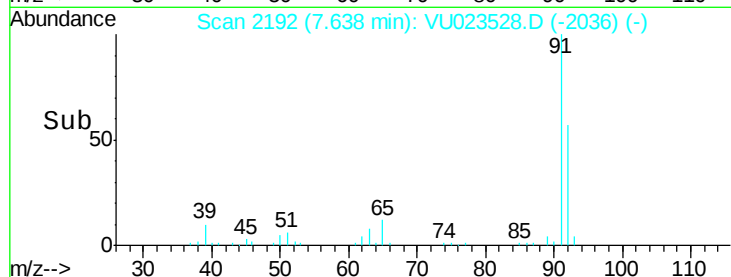
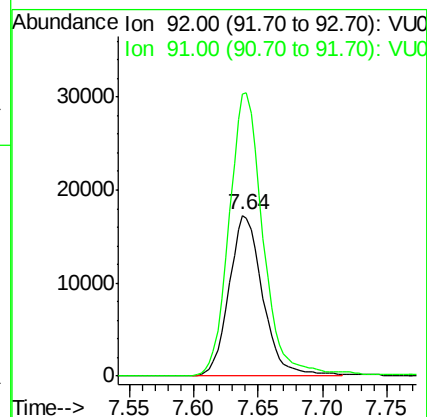
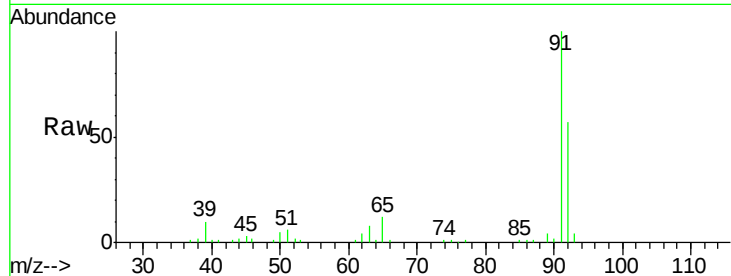
VSTDIC001

Tgt Ion: 92 Resp: 31345

Ion Ratio Lower Upper

92 100

91 176.2 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 0.94 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023528.D

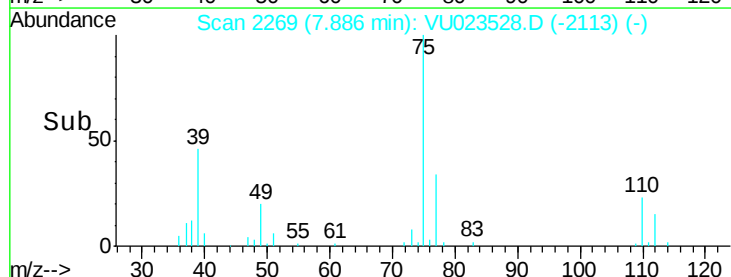
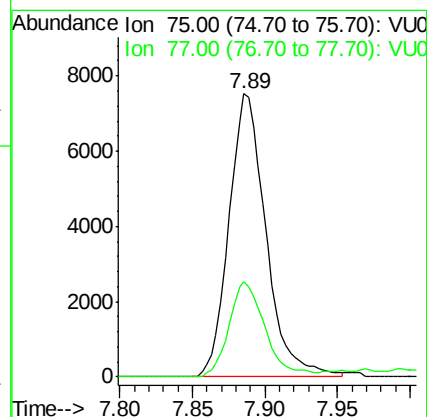
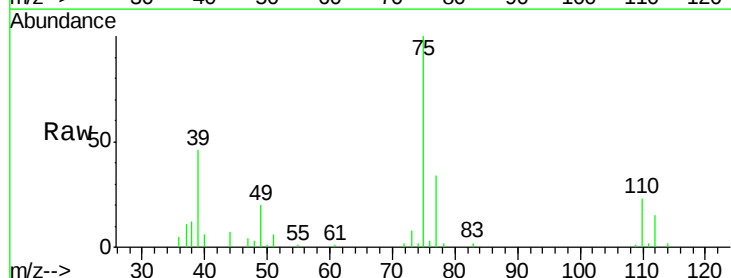
Acq: 30 Apr 2018 15:25

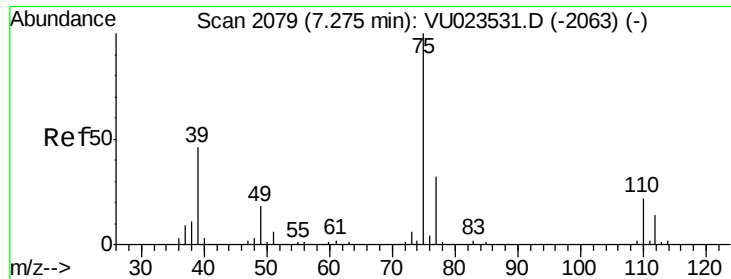
Tgt Ion: 75 Resp: 13300

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 0.98 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

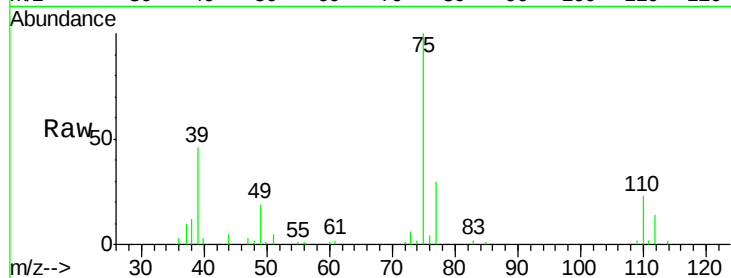
Tgt Ion: 75 Resp: 17960

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8

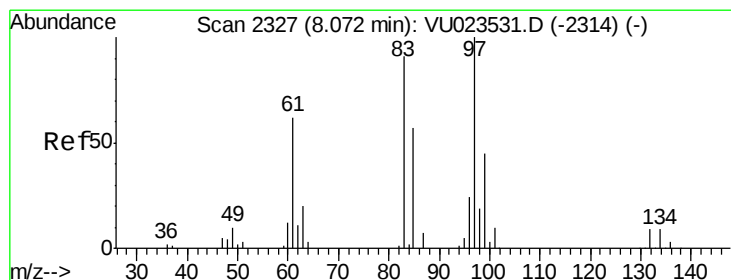
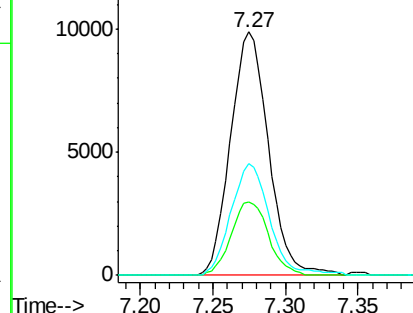
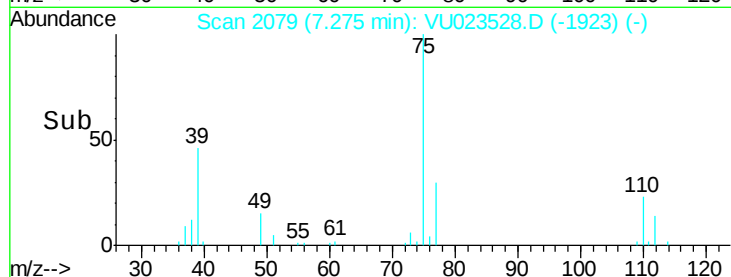
39 45.7 36.4 54.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 0.92 ug/l

RT: 8.08 min Scan# 2328

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Tgt Ion: 97 Resp: 9385

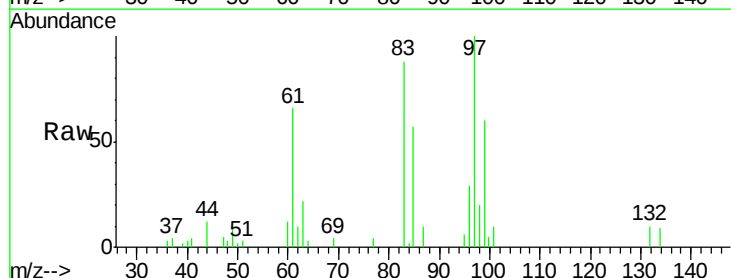
Ion Ratio Lower Upper

97 100

83 87.7 72.6 109.0

85 56.9 47.2 70.8

99 60.3 50.8 76.2

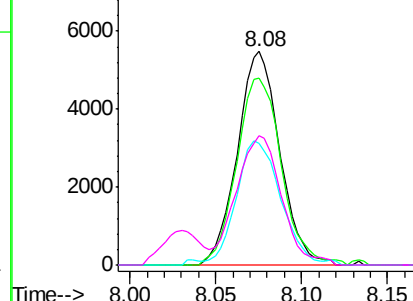
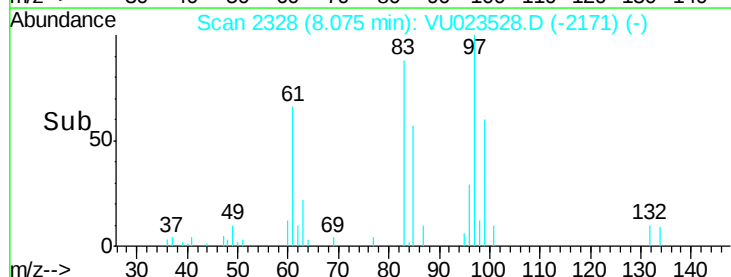


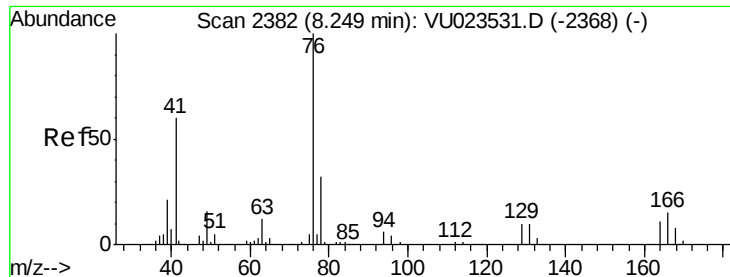
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0

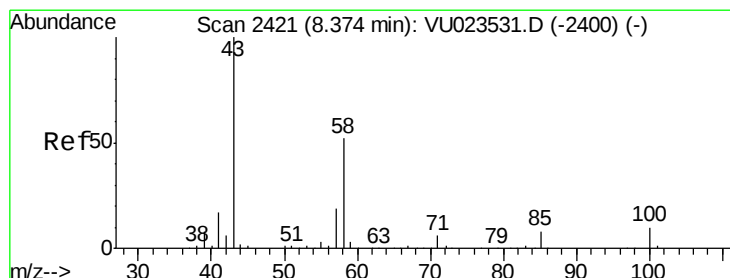
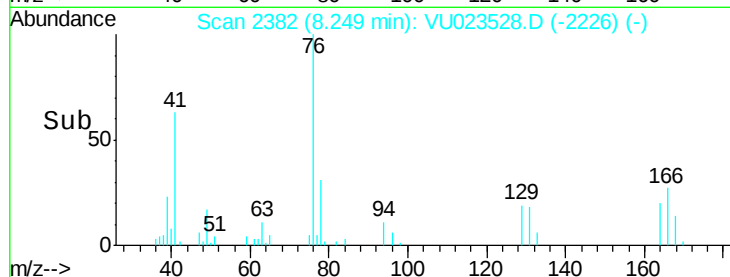
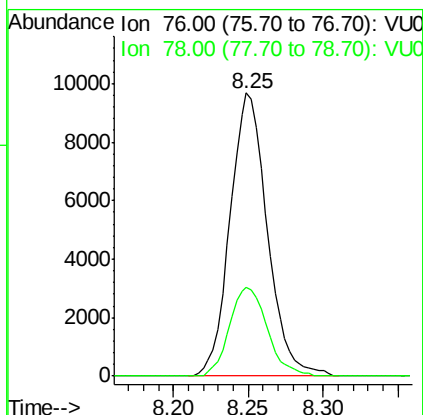
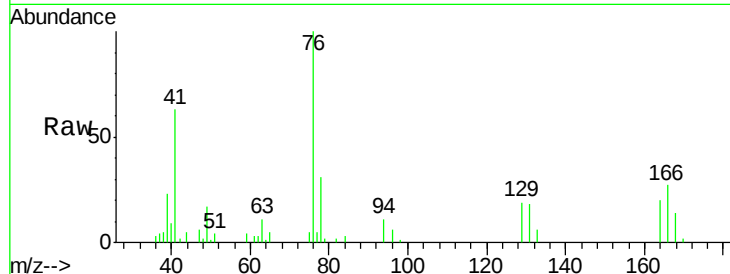




#53
 1,3-Dichloropropane
 Concen: 0.95 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

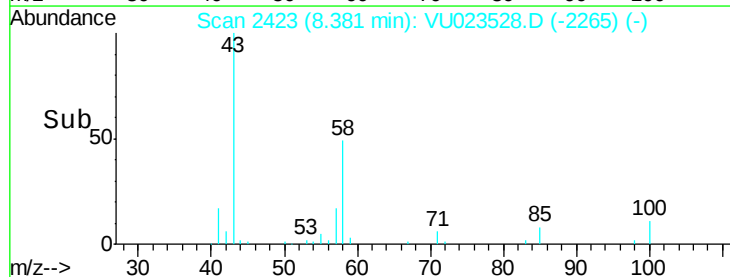
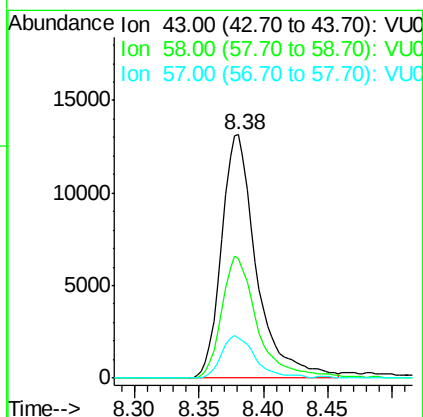
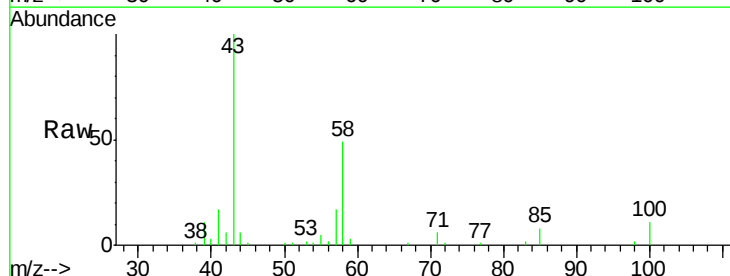
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

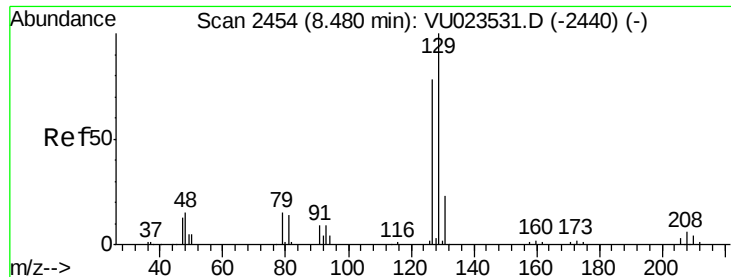
Tgt Ion: 76 Resp: 16788
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#54
 2-Hexanone
 Concen: 4.49 ug/l
 RT: 8.38 min Scan# 2423
 Delta R.T. 0.01 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 43 Resp: 24814
 Ion Ratio Lower Upper
 43 100
 58 50.8 32.5 72.5
 57 16.8 0.0 37.9





#55

Dibromochloromethane

Concen: 0.98 ug/l

RT: 8.48 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

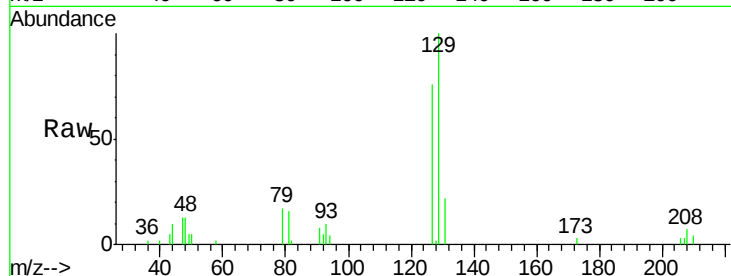
VSTDIC001

Tgt Ion:129 Resp: 10367

Ion Ratio Lower Upper

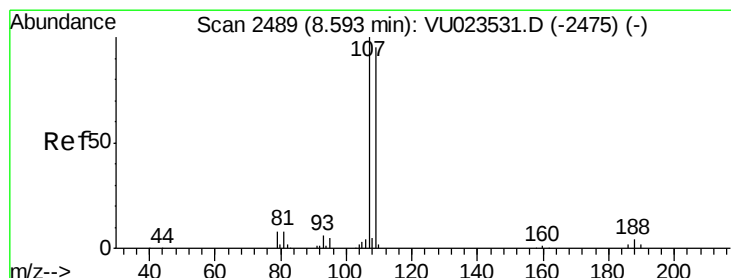
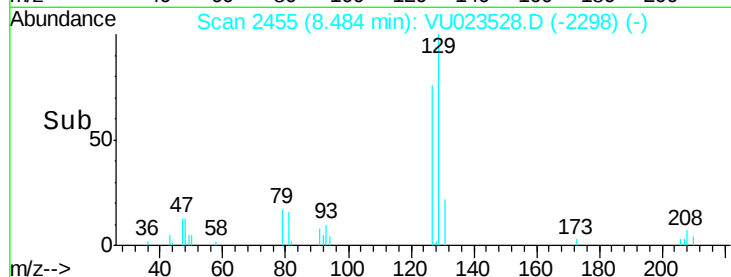
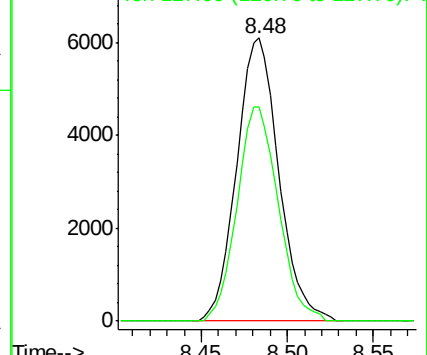
129 100

127 73.9 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.90 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023528.D

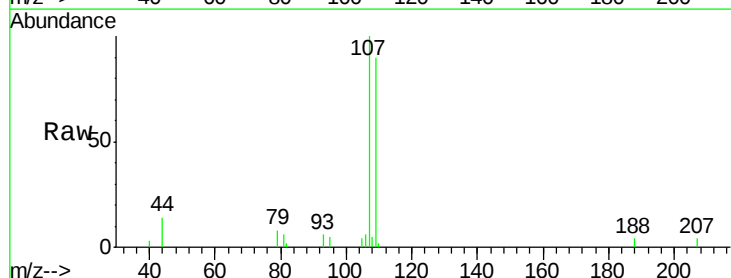
Acq: 30 Apr 2018 15:25

Tgt Ion:107 Resp: 8110

Ion Ratio Lower Upper

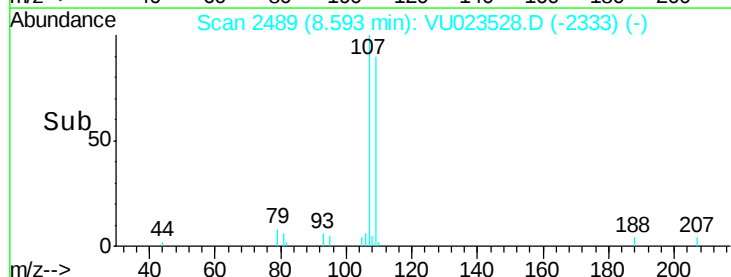
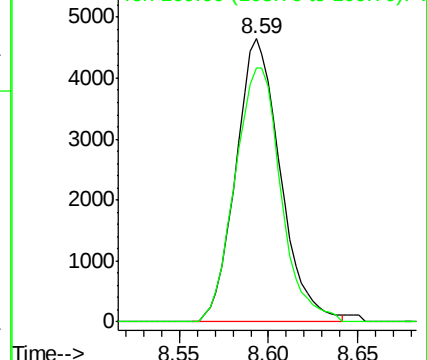
107 100

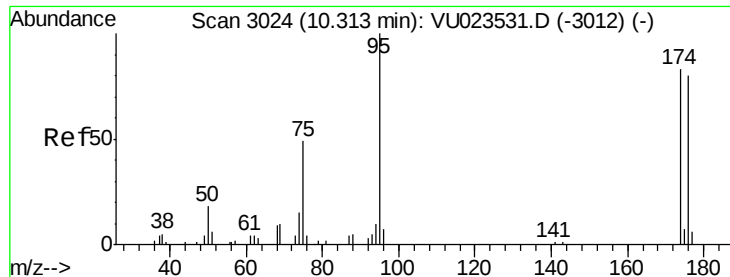
109 92.3 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

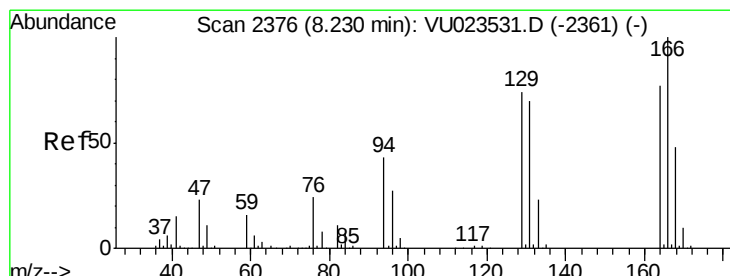
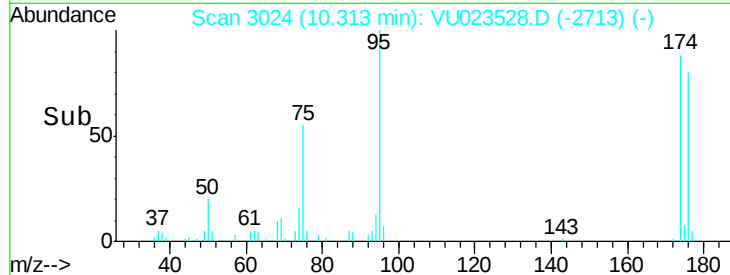
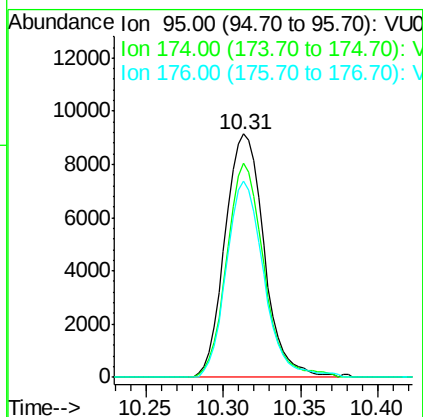
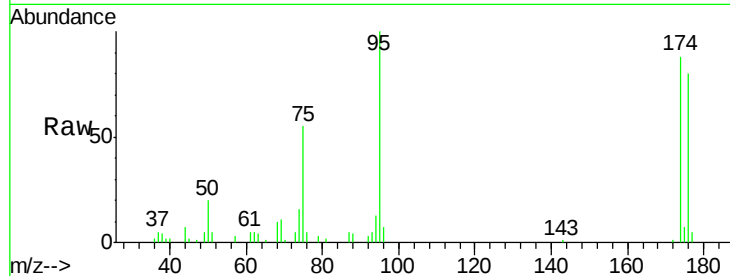




#57
4-Bromofluorobenzene
Concen: 0.90 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

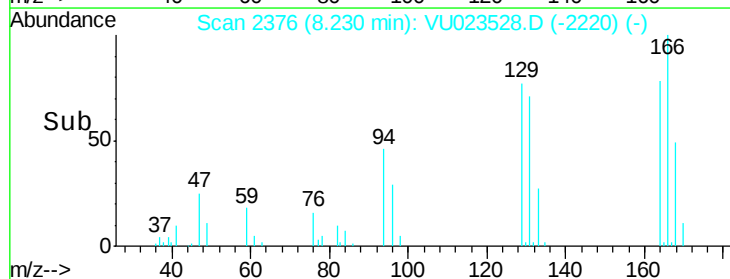
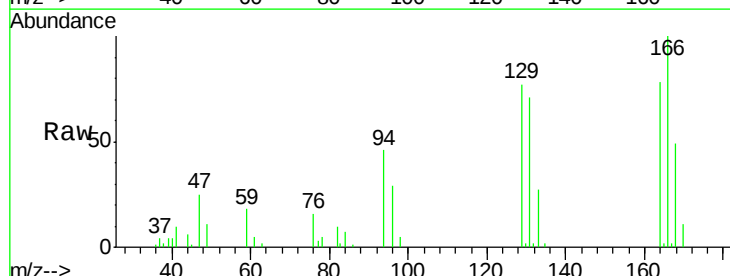
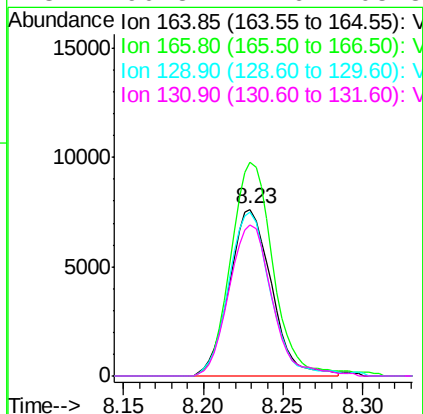
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

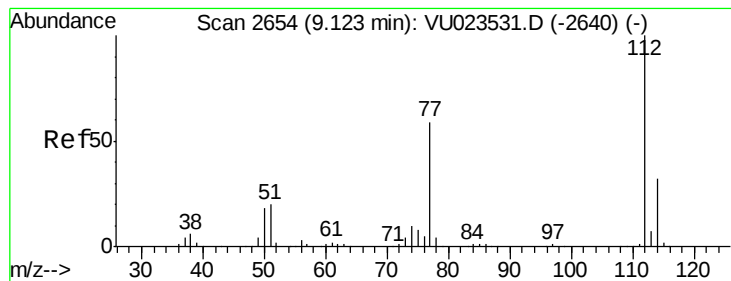
Tgt Ion: 95 Resp: 16053
Ion Ratio Lower Upper
95 100
174 83.5 65.6 98.4
176 77.1 62.0 93.0



#58
Tetrachloroethene
Concen: 0.99 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 164 Resp: 13753
Ion Ratio Lower Upper
164 100
166 127.8 104.1 156.1
129 98.1 76.8 115.2
131 90.8 72.6 108.8





#59

Chlorobenzene

Concen: 0.94 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

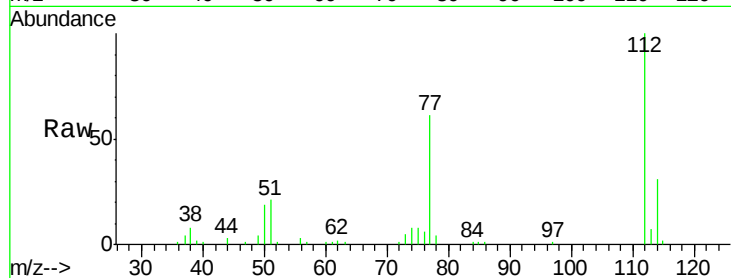
VSTDIC001

Tgt Ion:112 Resp: 35269

Ion Ratio Lower Upper

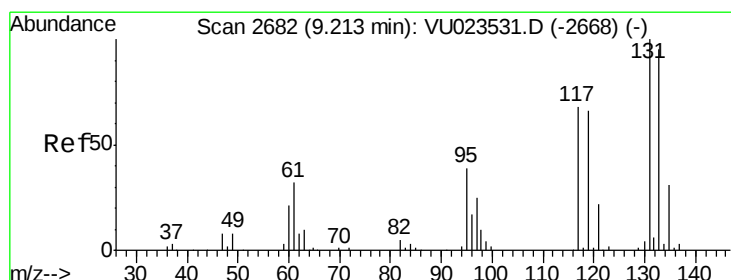
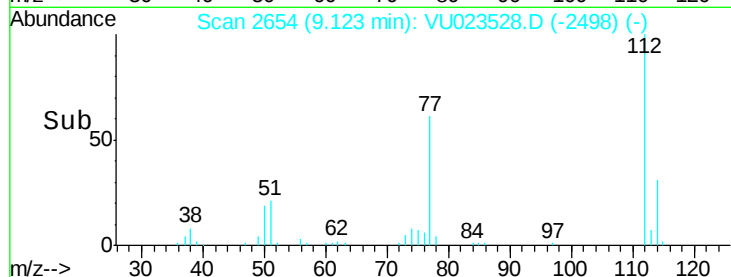
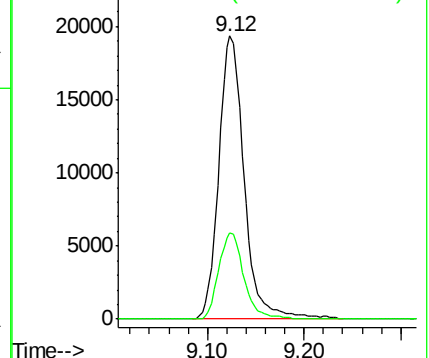
112 100

114 30.5 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.93 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

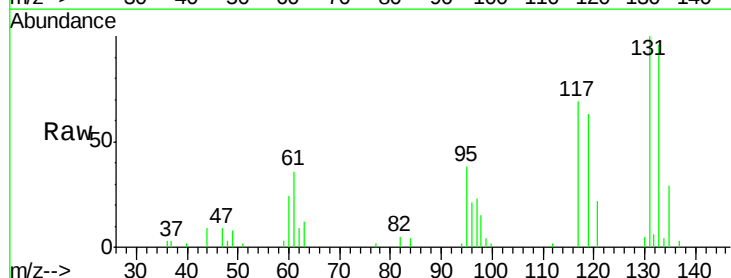
Tgt Ion:131 Resp: 11730

Ion Ratio Lower Upper

131 100

133 96.7 75.8 113.8

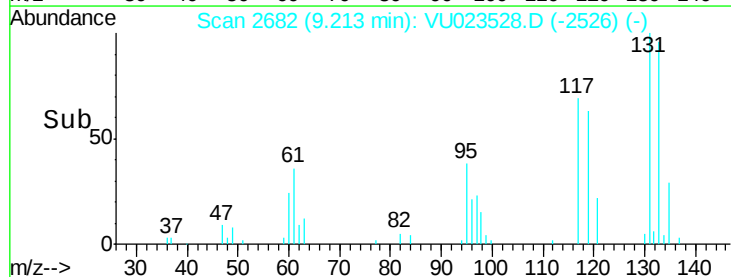
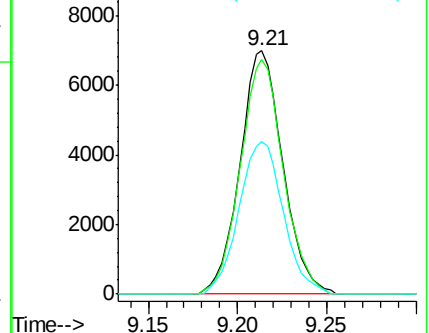
119 64.7 53.0 79.6

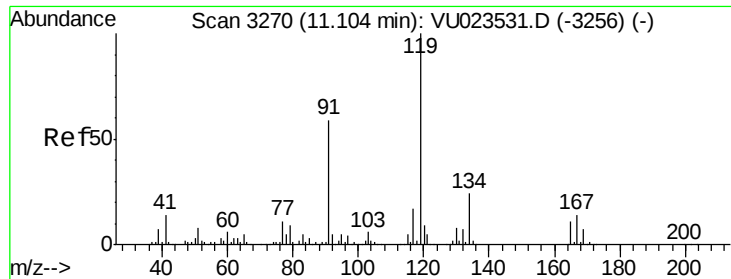


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

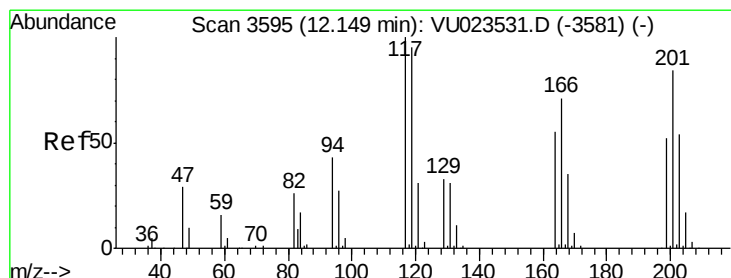
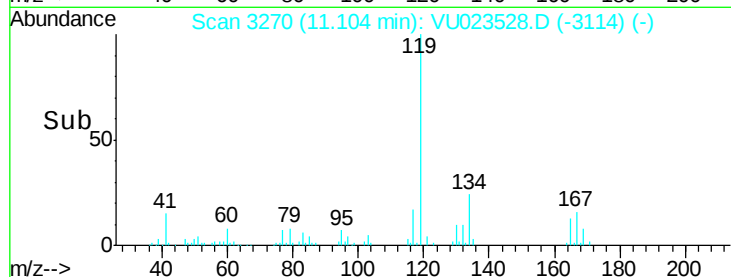
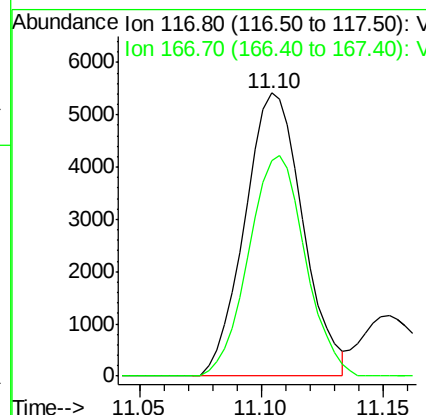
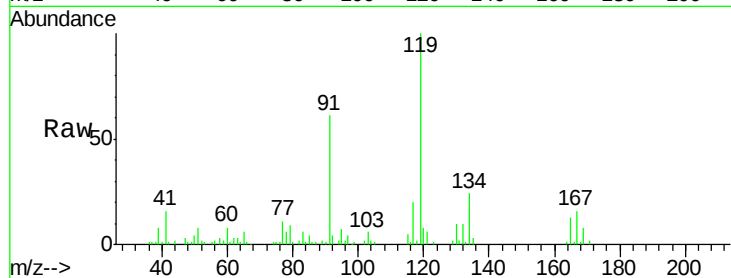




#61
 Pentachloroethane
 Concen: 0.97 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

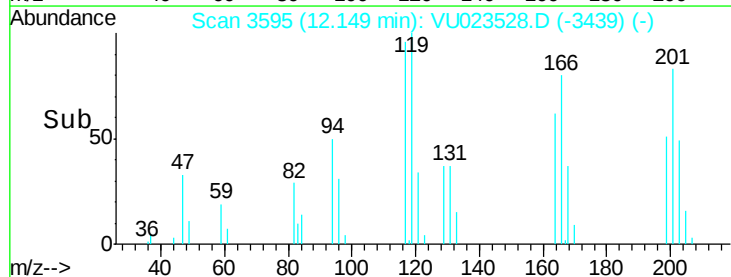
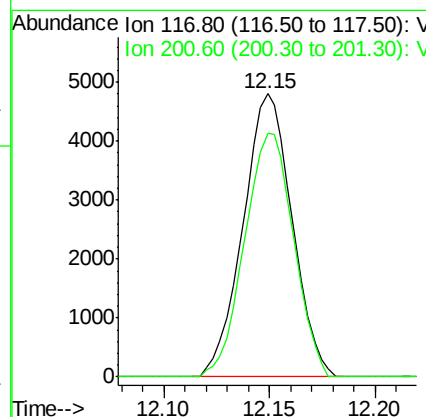
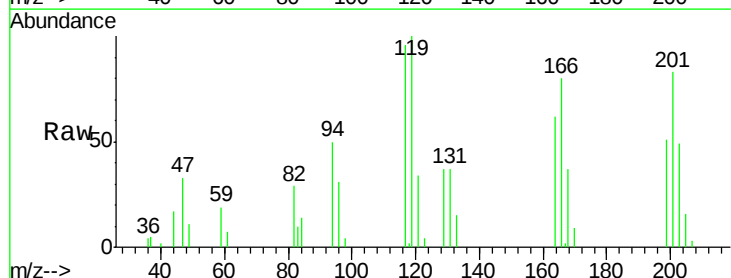
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

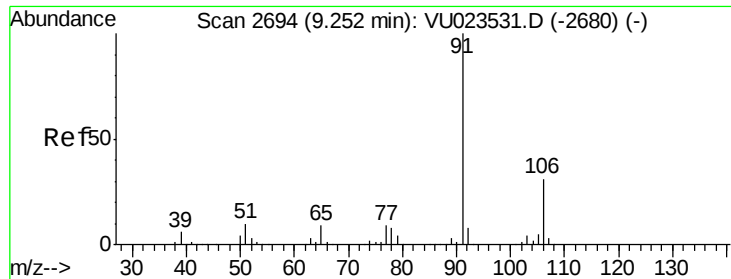
Tgt Ion:117 Resp: 8929
 Ion Ratio Lower Upper
 117 100
 167 75.8 69.2 103.8



#62
 Hexachloroethane
 Concen: 0.94 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion:117 Resp: 7761
 Ion Ratio Lower Upper
 117 100
 201 86.0 68.7 103.1

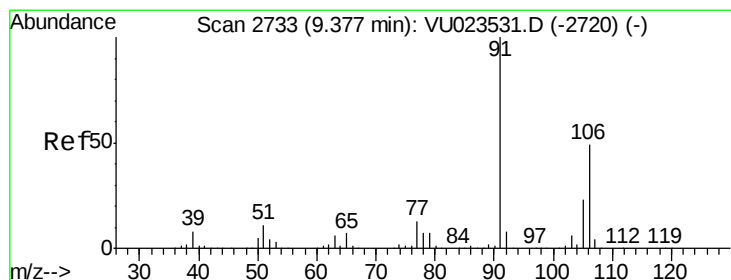
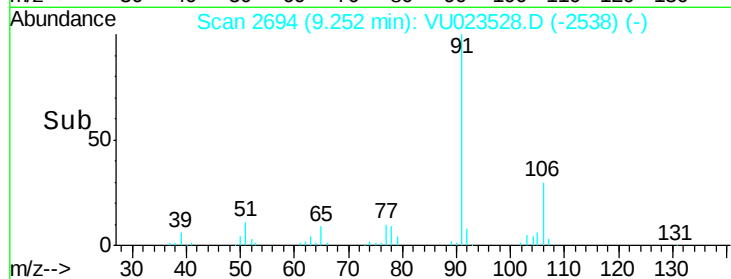
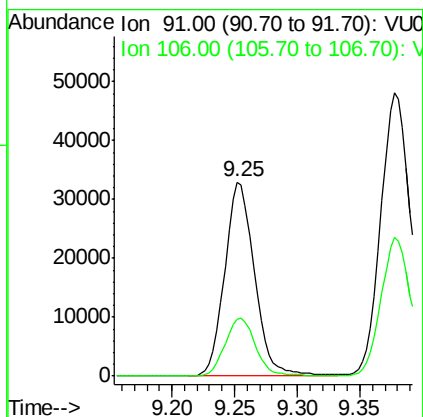
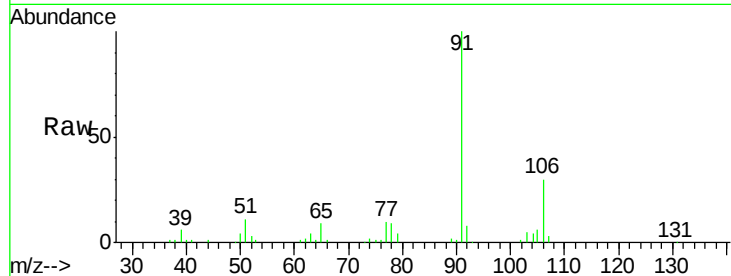




#63
Ethyl Benzene
Concen: 0.88 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

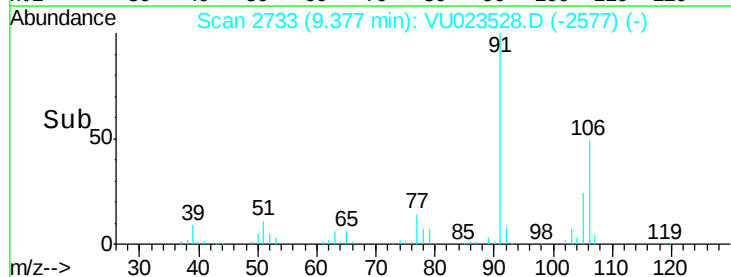
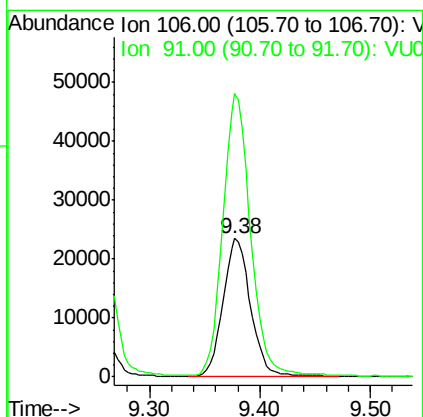
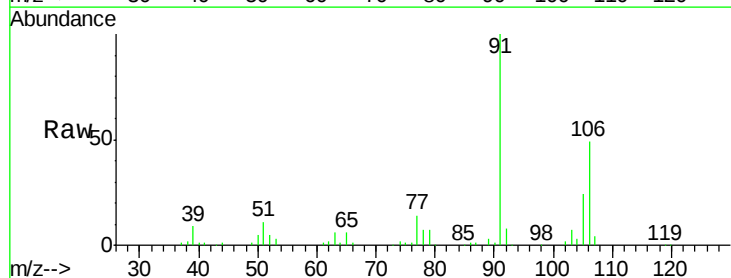
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

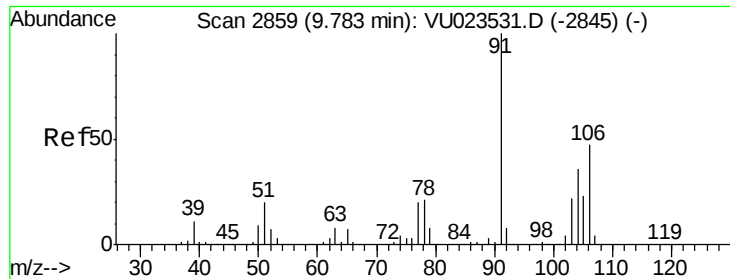
Tgt Ion: 91 Resp: 54663
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1



#64
m/p-Xylenes
Concen: 1.72 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion: 106 Resp: 41117
Ion Ratio Lower Upper
106 100
91 204.0 164.1 246.1

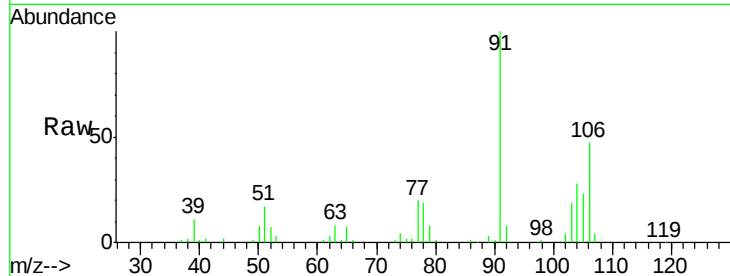




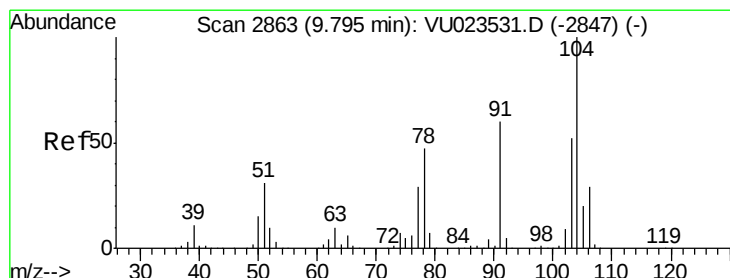
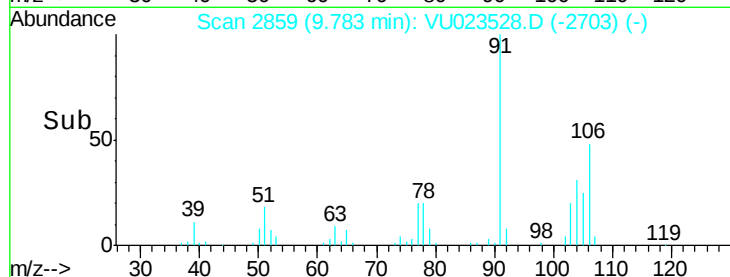
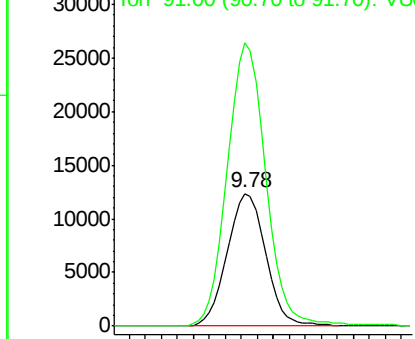
#65
o-Xylene
Concen: 0.86 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 20253
Ion Ratio Lower Upper
106 100
91 213.6 107.9 323.7

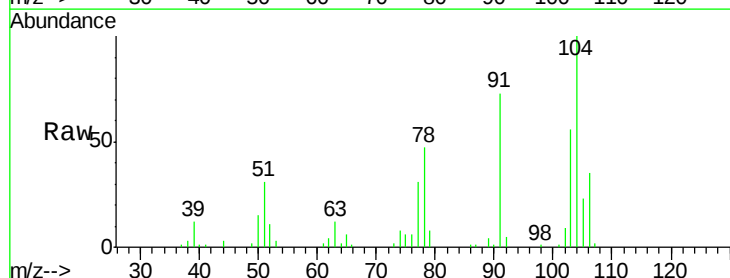


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

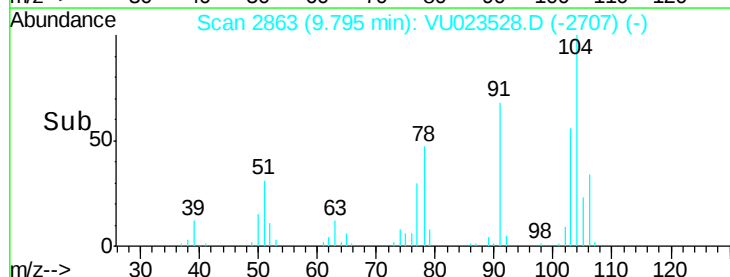
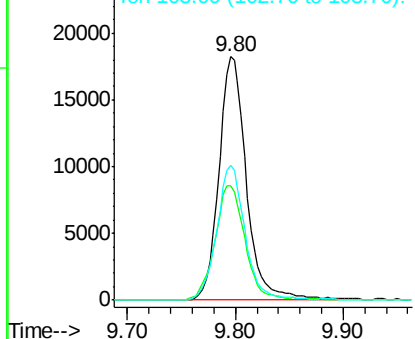


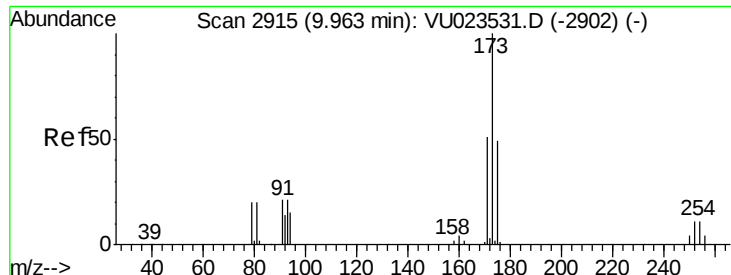
#66
Styrene
Concen: 0.83 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion:104 Resp: 32226
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.2
103 56.8 44.2 66.4



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

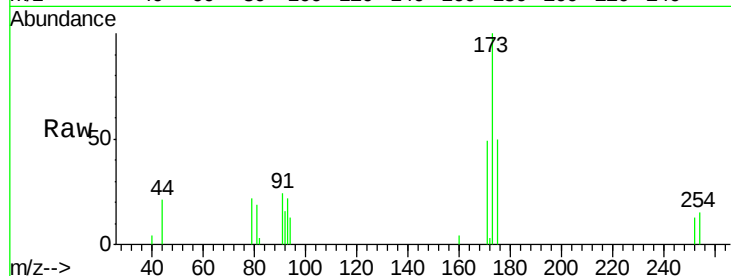




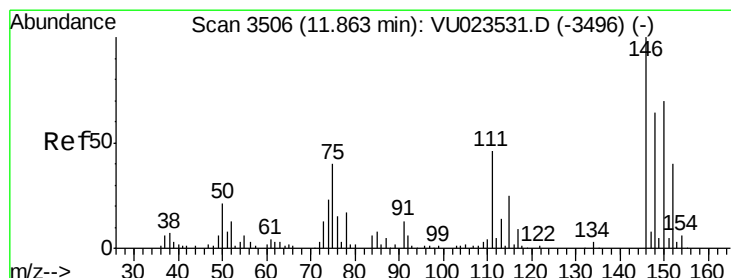
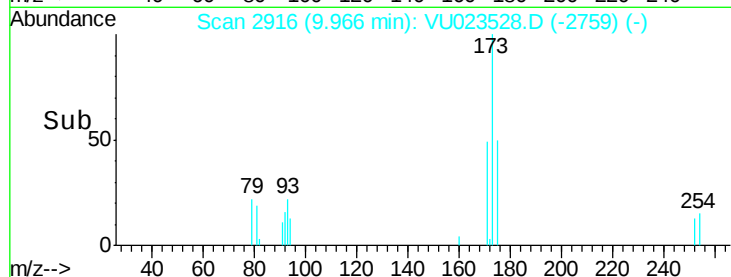
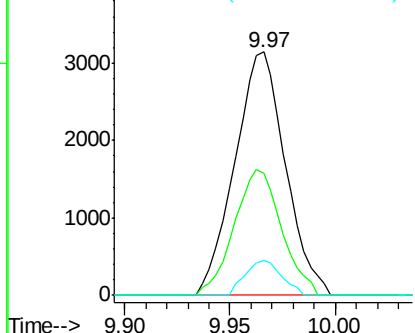
#67
Bromoform
Concen: 0.91 ug/l
RT: 9.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 5240
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 10.4 8.8 13.2

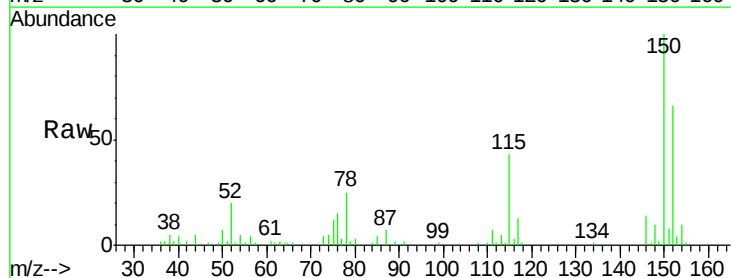


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

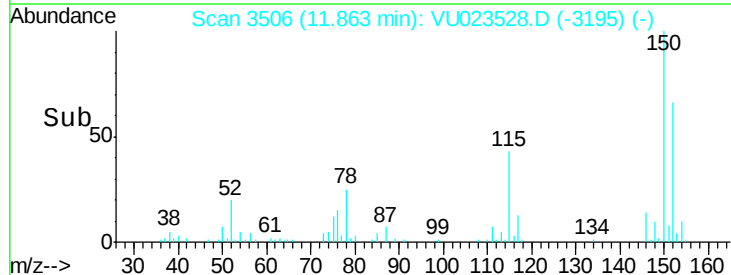
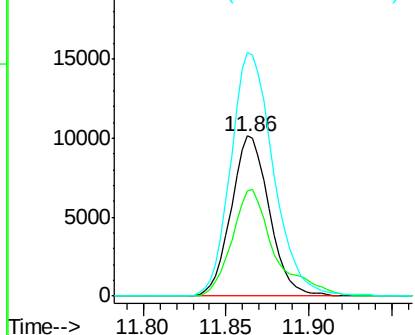


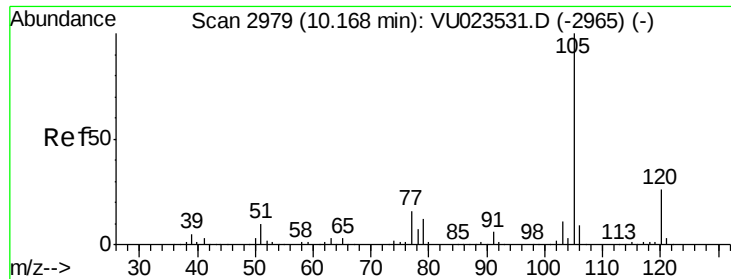
#68
1,2-Dichlorobenzene-d4
Concen: 0.91 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion:152 Resp: 16170
Ion Ratio Lower Upper
152 100
115 74.1 0.0 118.8
150 171.3 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.88 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

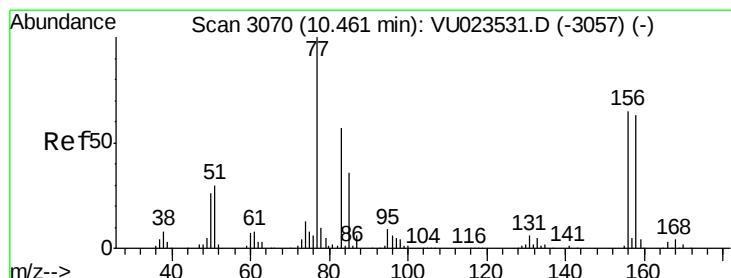
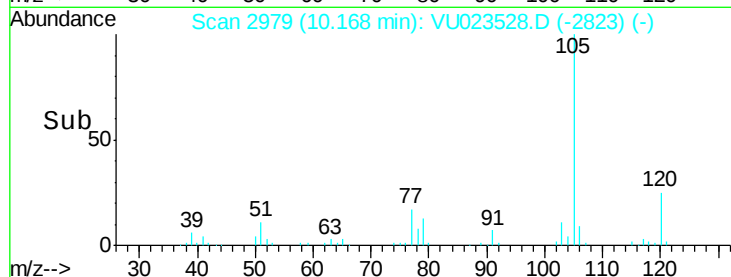
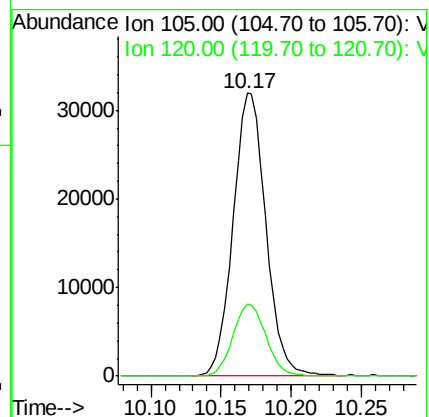
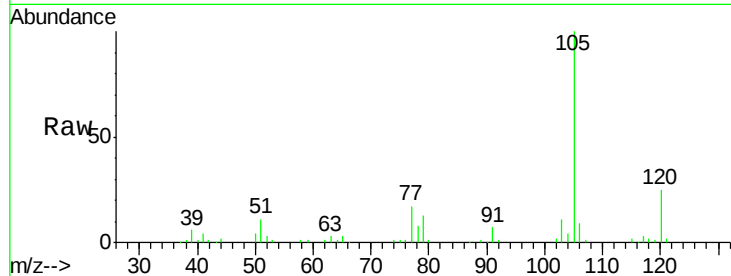
VSTDIC001

Tgt Ion:105 Resp: 52031

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 0.90 ug/l

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

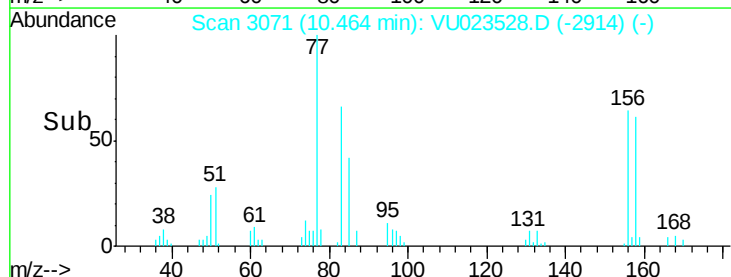
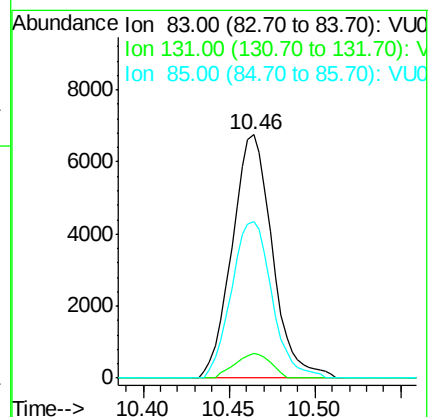
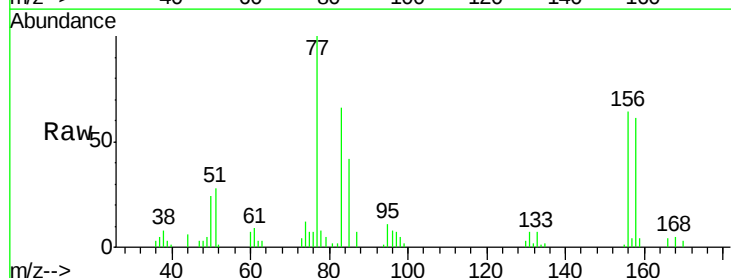
Tgt Ion: 83 Resp: 11048

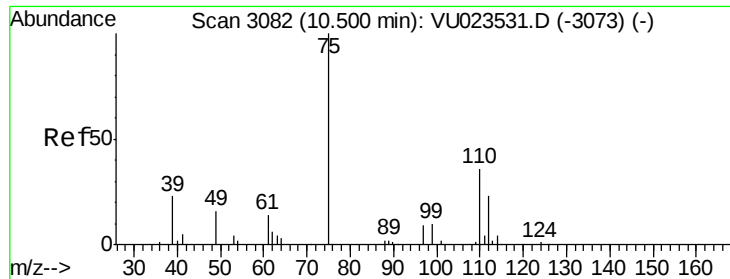
Ion Ratio Lower Upper

83 100

131 9.0 7.9 11.9

85 64.7 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 1.42 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 12858

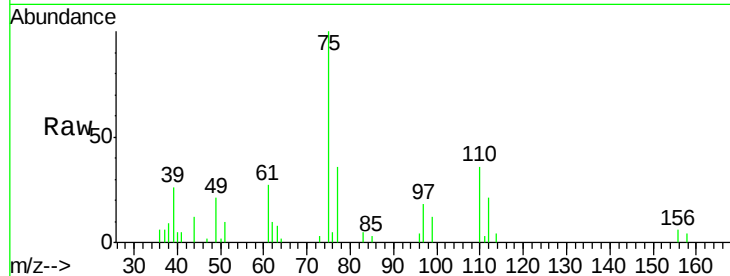
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 22.0 0.0 74.0

97 12.1 0.0 39.6

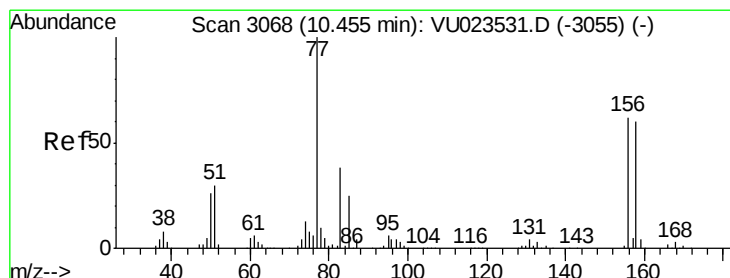
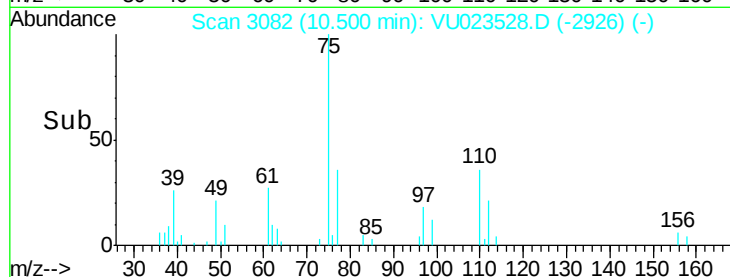
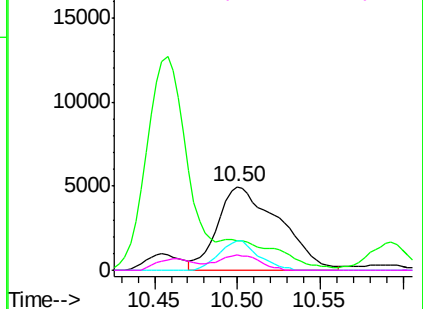


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 0.87 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

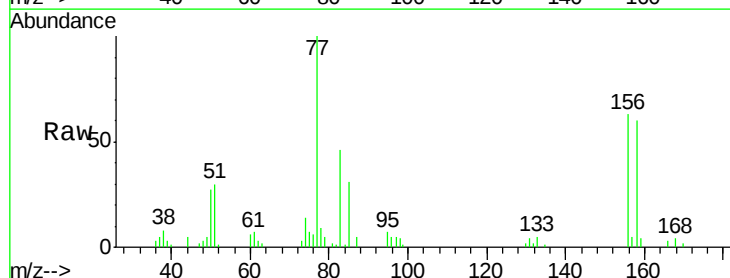
Tgt Ion: 156 Resp: 13704

Ion Ratio Lower Upper

156 100

77 158.1 0.0 309.8

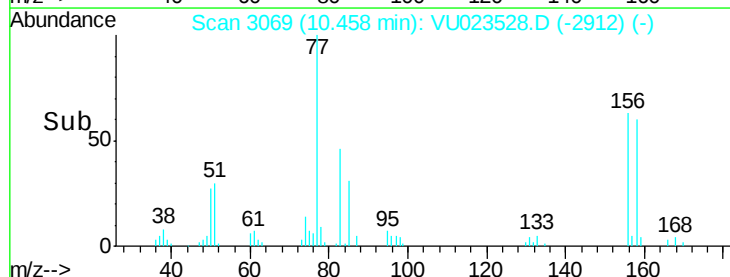
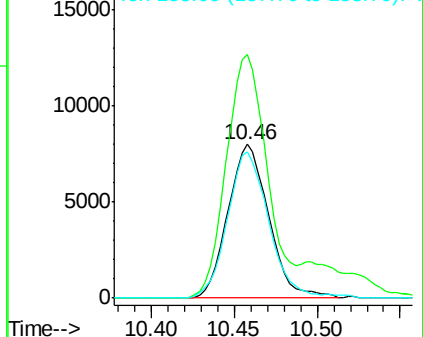
158 96.8 0.0 193.0

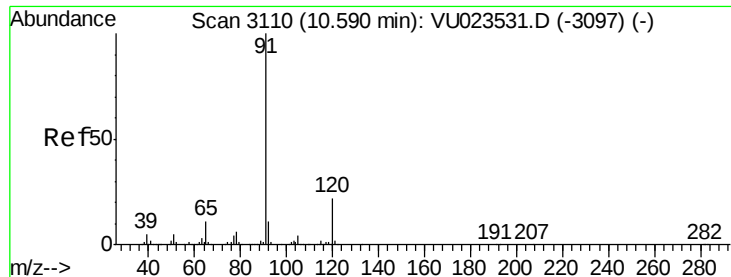


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 0.86 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

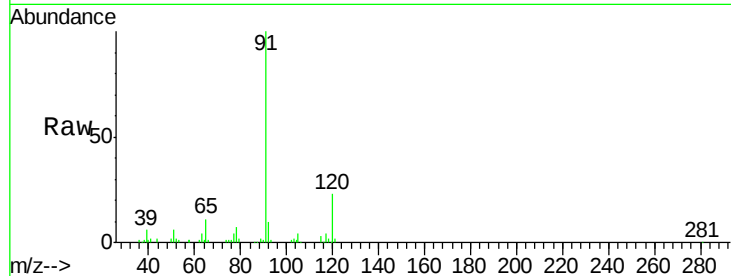
VSTDIC001

Tgt Ion:120 Resp: 14308

Ion Ratio Lower Upper

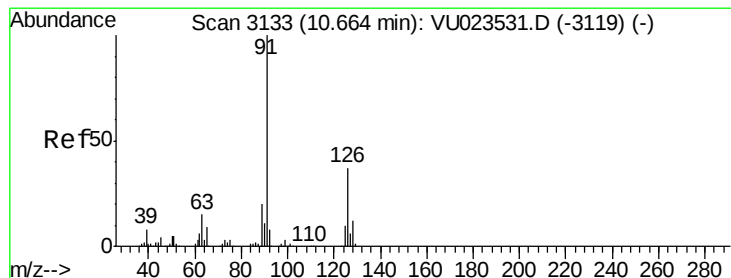
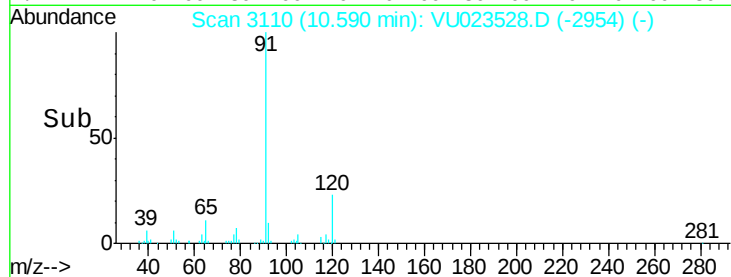
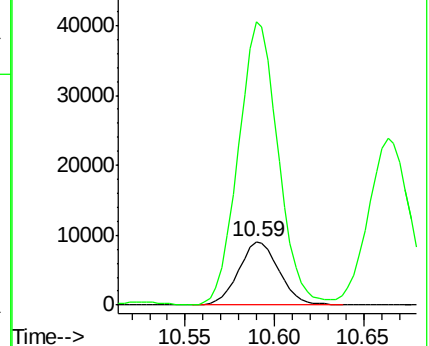
120 100

91 439.6 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.88 ug/l

RT: 10.67 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU023528.D

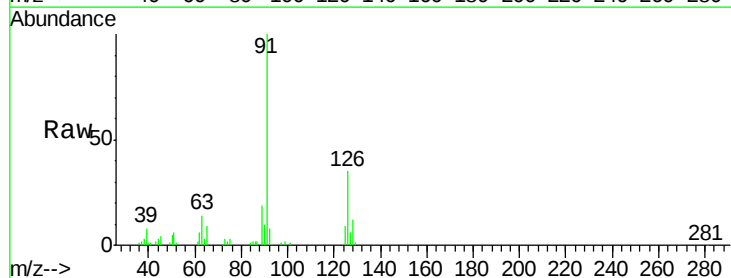
Acq: 30 Apr 2018 15:25

Tgt Ion:126 Resp: 13165

Ion Ratio Lower Upper

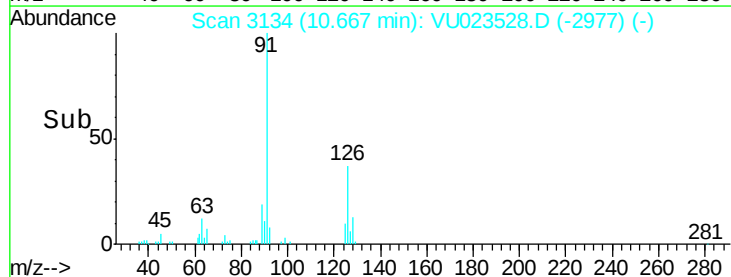
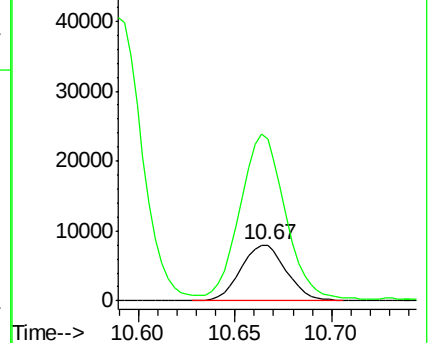
126 100

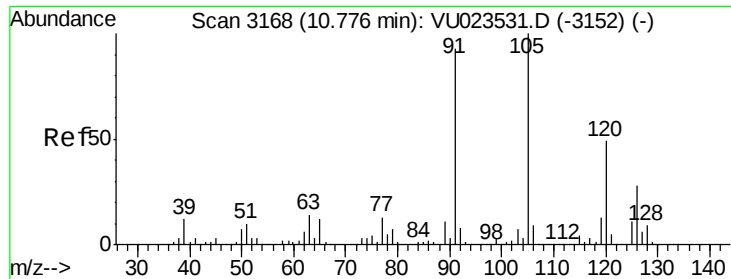
91 292.1 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.85 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

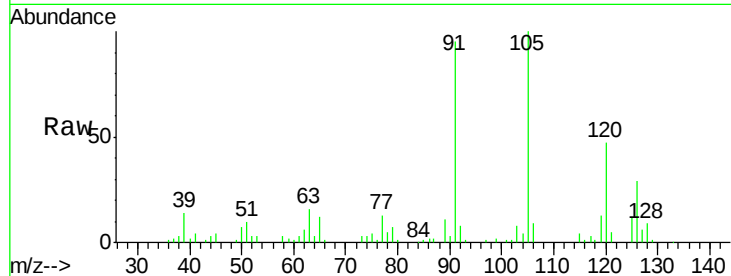
VSTDIC001

Tgt Ion:105 Resp: 43210

Ion Ratio Lower Upper

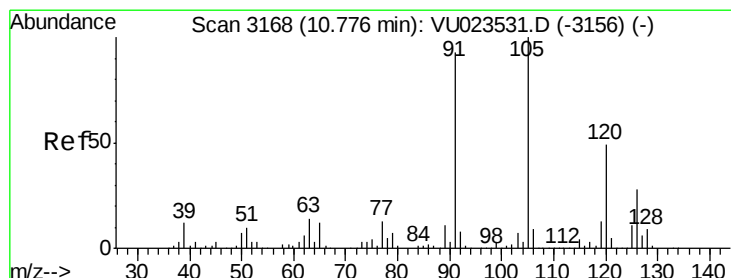
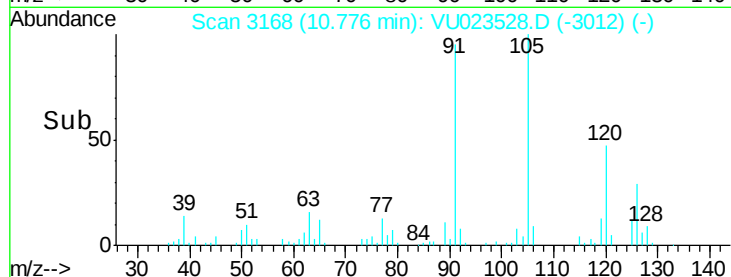
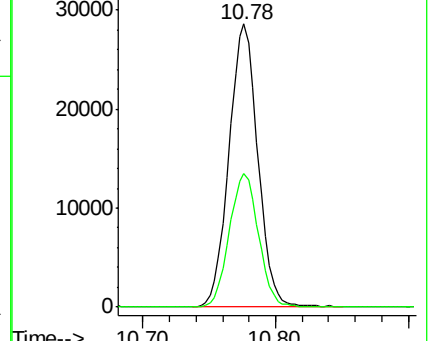
105 100

120 47.6 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.87 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023528.D

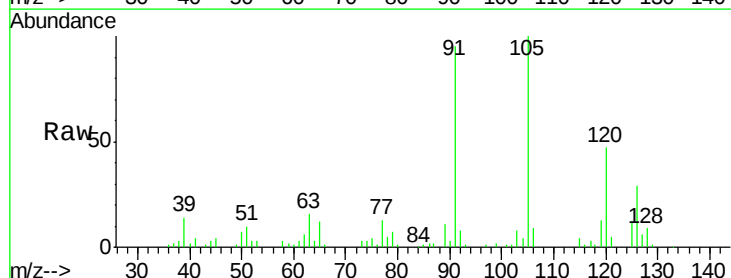
Acq: 30 Apr 2018 15:25

Tgt Ion:126 Resp: 13501

Ion Ratio Lower Upper

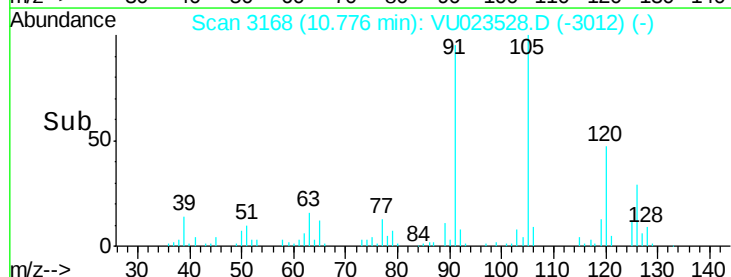
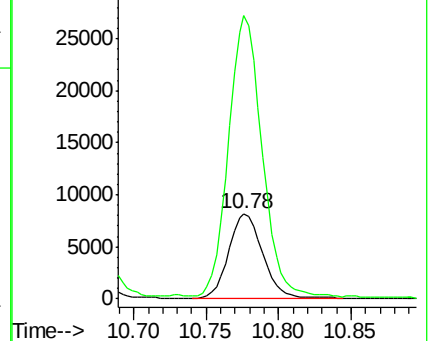
126 100

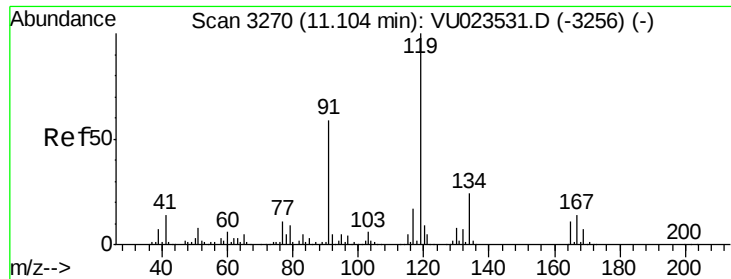
91 318.9 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.86 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

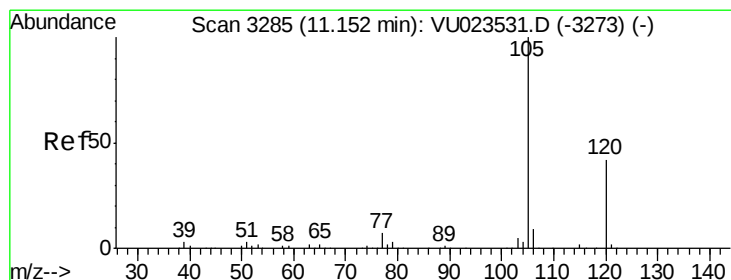
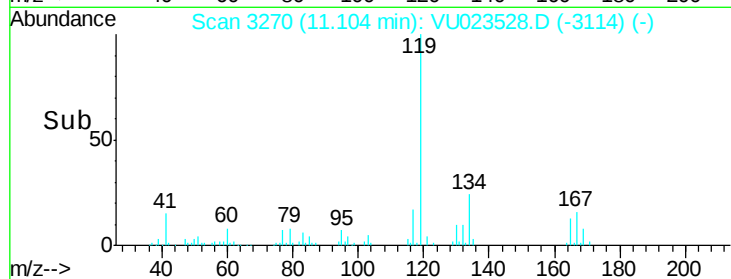
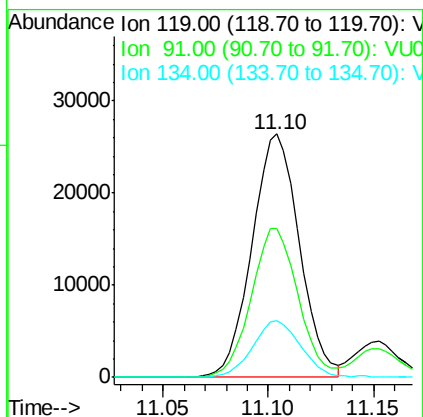
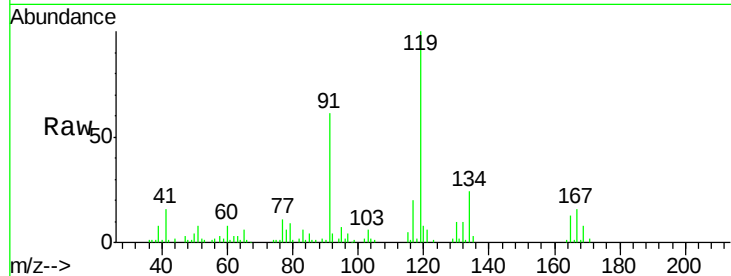
Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 41308

Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.6	88.8
134	23.6	19.1	28.7



#78

1,2,4-Trimethylbenzene

Concen: 0.84 ug/l

RT: 11.15 min Scan# 3285

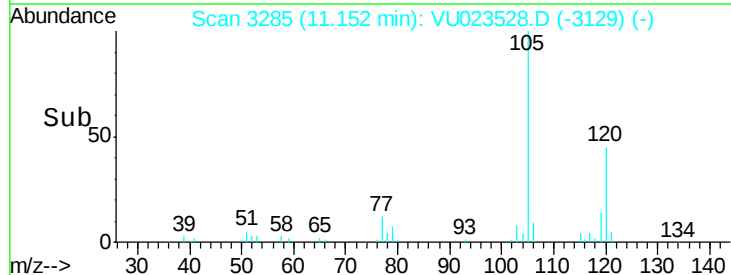
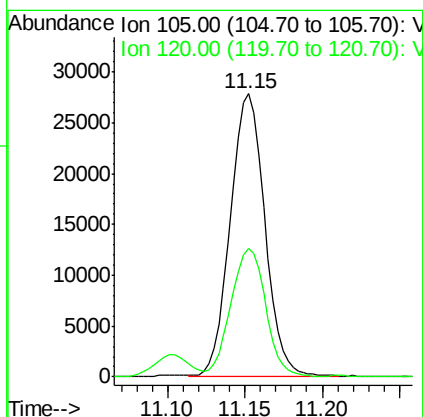
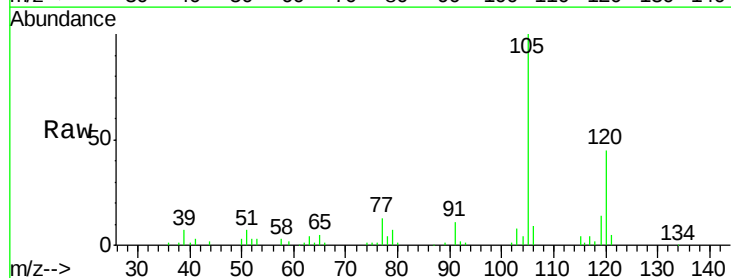
Delta R.T. 0.00 min

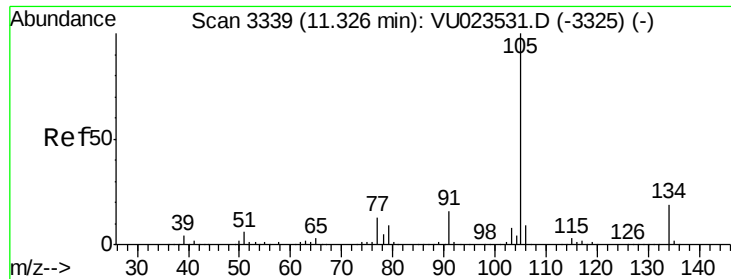
Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Tgt Ion:105 Resp: 43345

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#79

sec-Butylbenzene

Concen: 0.89 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

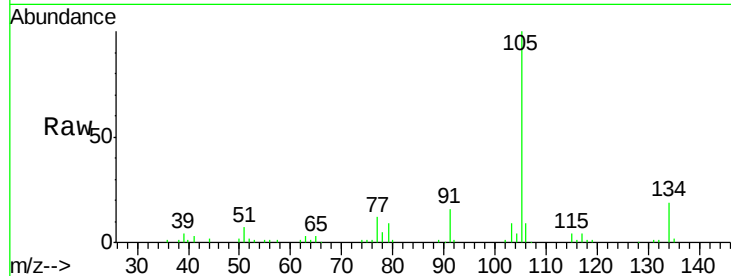
VSTDIC001

Tgt Ion: 105 Resp: 57966

Ion Ratio Lower Upper

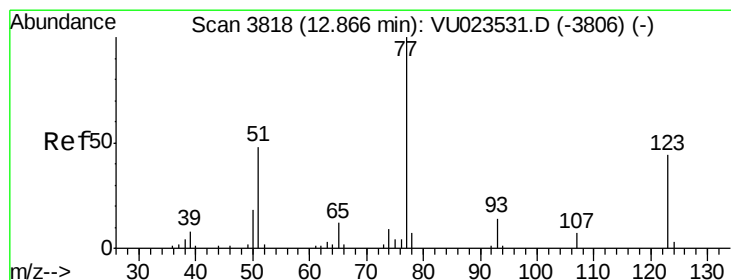
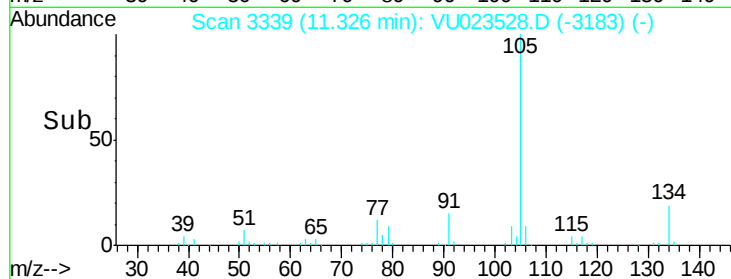
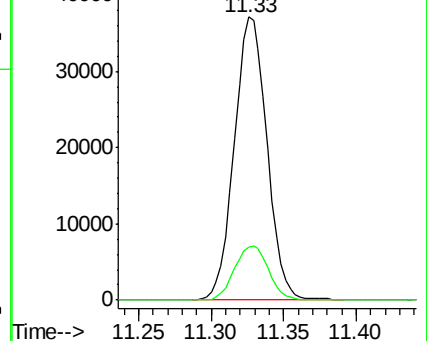
105 100

134 19.8 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.56 ug/l

RT: 12.87 min Scan# 3820

Delta R.T. 0.01 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

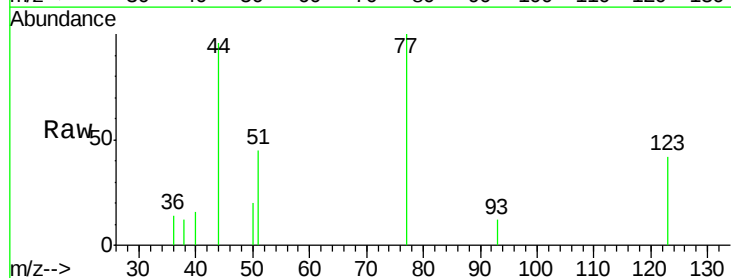
Tgt Ion: 77 Resp: 1827

Ion Ratio Lower Upper

77 100

123 37.2 19.4 68.6

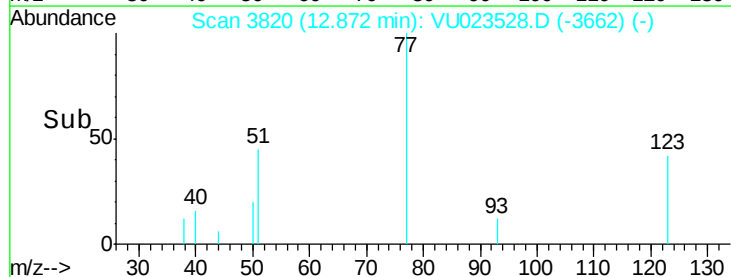
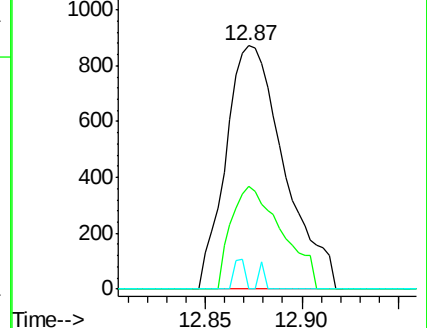
65 2.2 11.2 14.2#

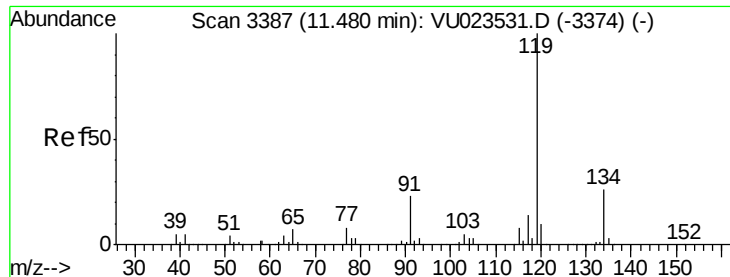


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

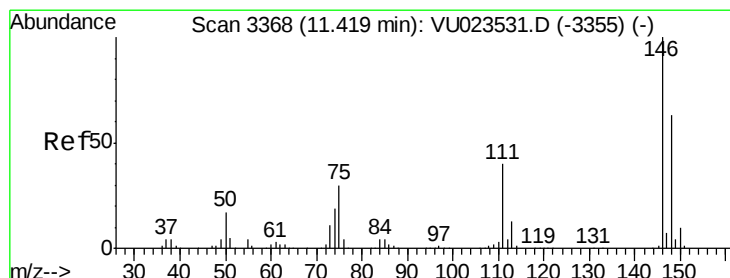
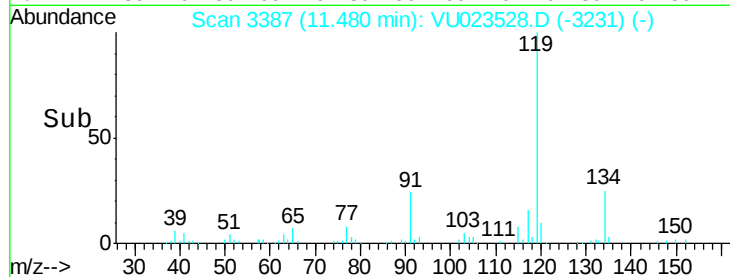
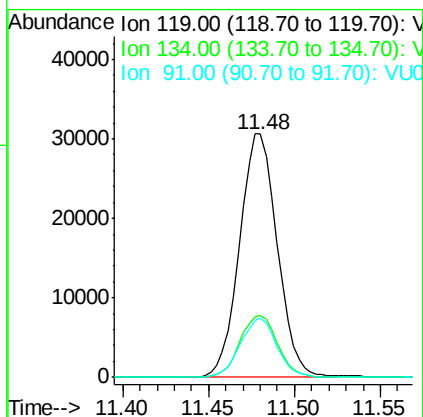
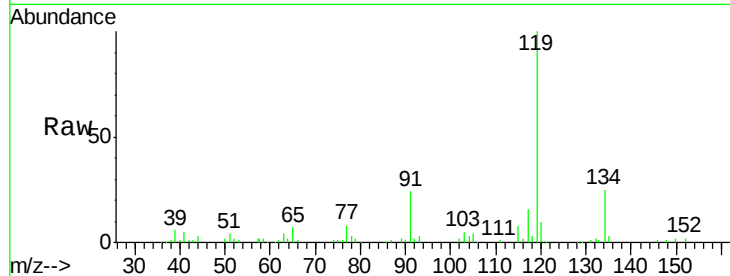




#81
p-Isopropyltoluene
Concen: 0.86 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

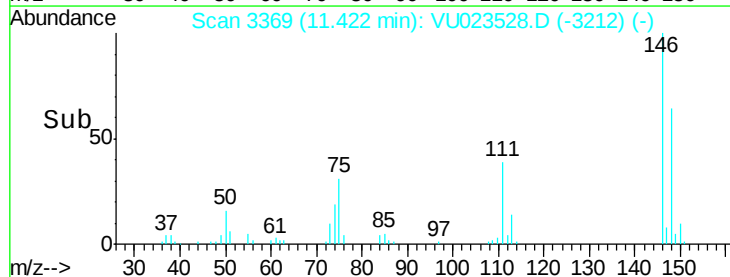
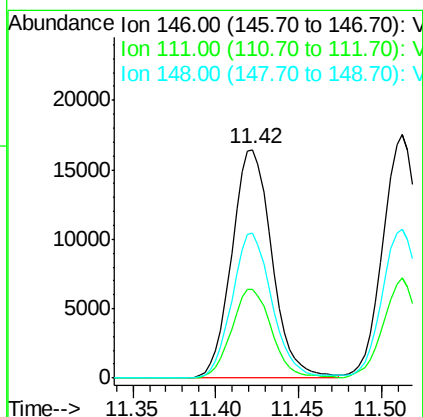
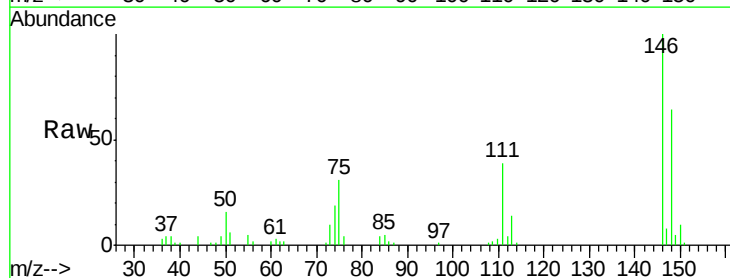
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

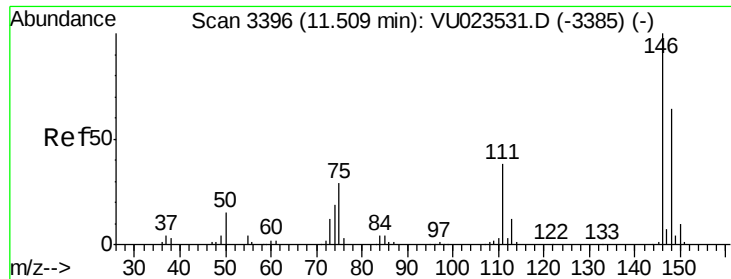
Tgt Ion:119 Resp: 46760
Ion Ratio Lower Upper
119 100
134 25.2 20.9 31.3
91 23.5 18.2 27.2



#82
1,3-Dichlorobenzene
Concen: 0.90 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU023528.D
Acq: 30 Apr 2018 15:25

Tgt Ion:146 Resp: 27718
Ion Ratio Lower Upper
146 100
111 38.8 31.8 47.6
148 63.0 51.0 76.4

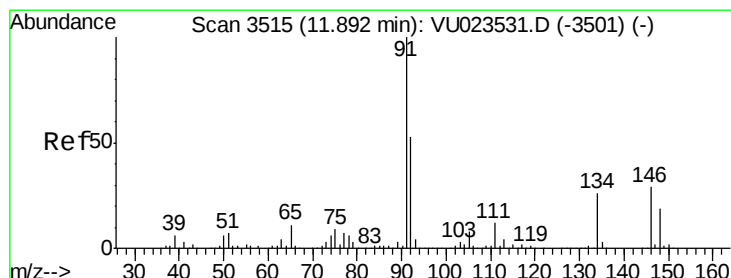
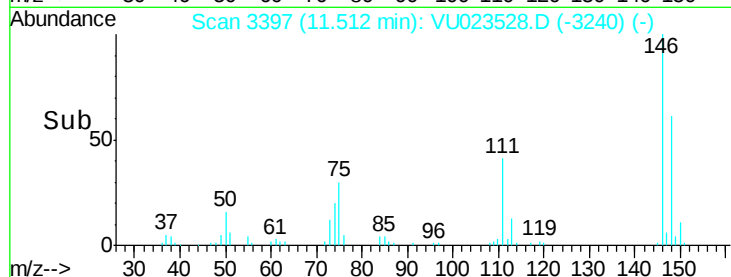
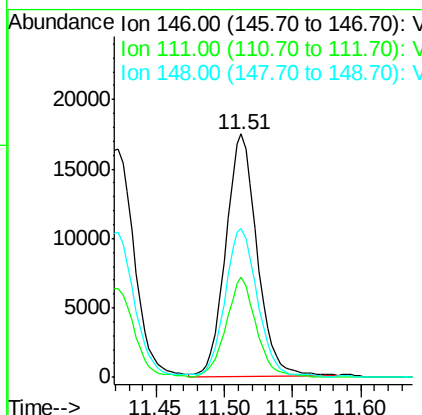
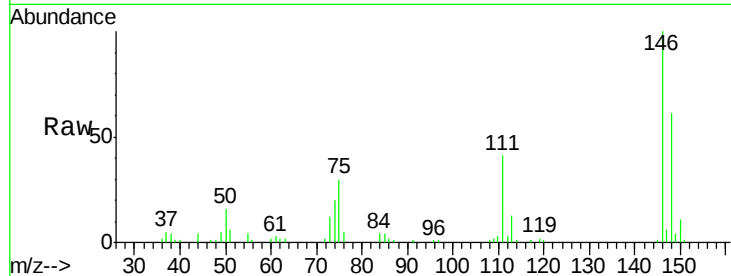




#83
 1,4-Dichlorobenzene
 Concen: 0.89 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

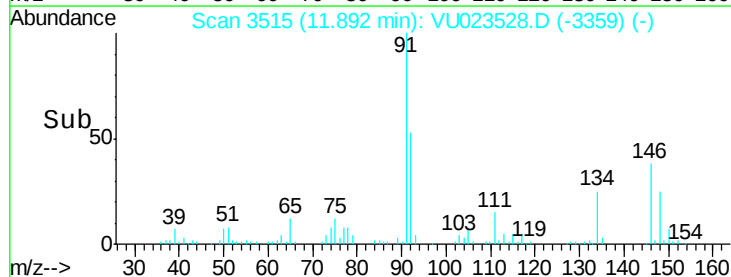
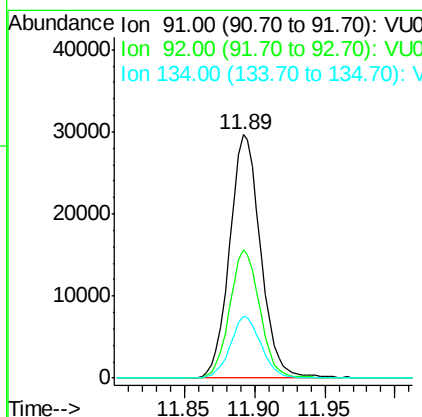
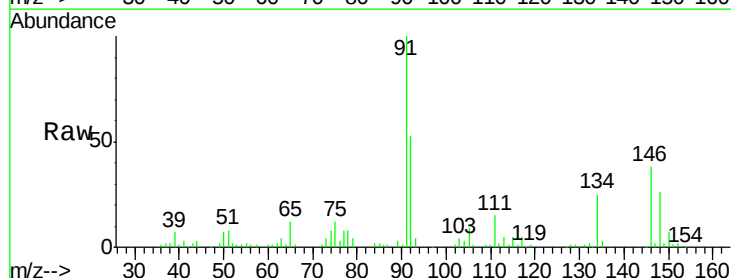
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

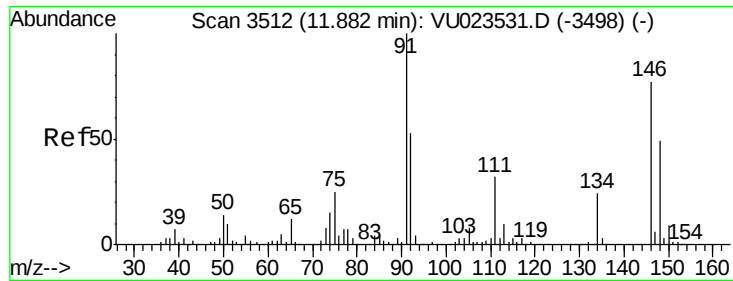
Tgt Ion: 146 Resp: 27647
 Ion Ratio Lower Upper
 146 100
 111 39.8 30.1 45.1
 148 61.5 50.6 76.0



#84
 n-Butylbenzene
 Concen: 0.89 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 91 Resp: 45712
 Ion Ratio Lower Upper
 91 100
 92 51.1 42.2 63.2
 134 25.2 20.3 30.5

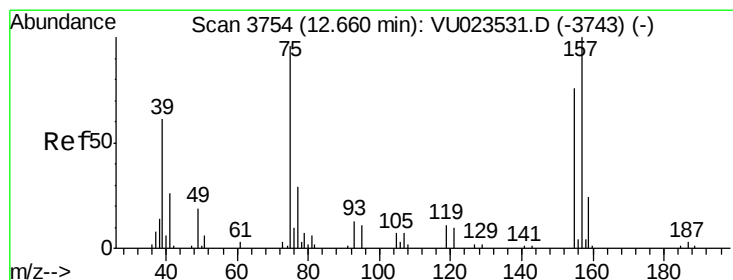
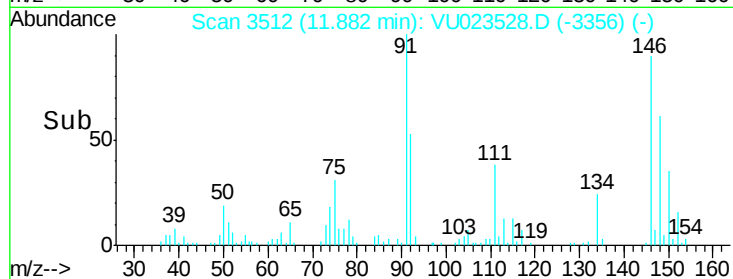
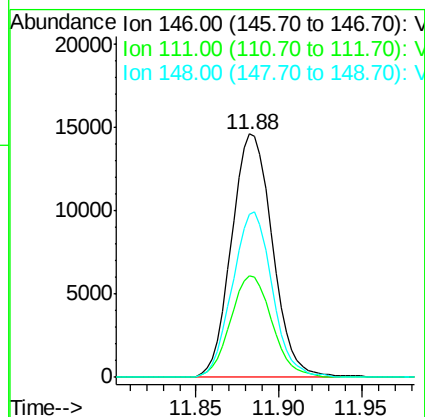
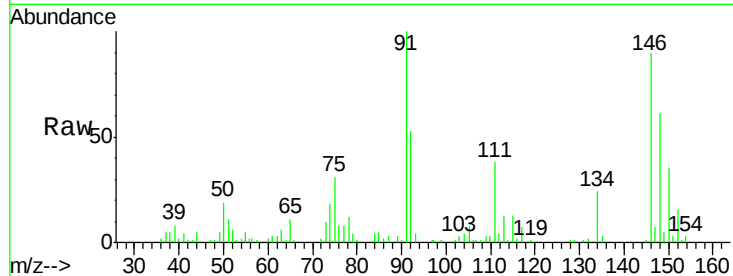




#85
 1,2-Dichlorobenzene
 Concen: 0.87 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

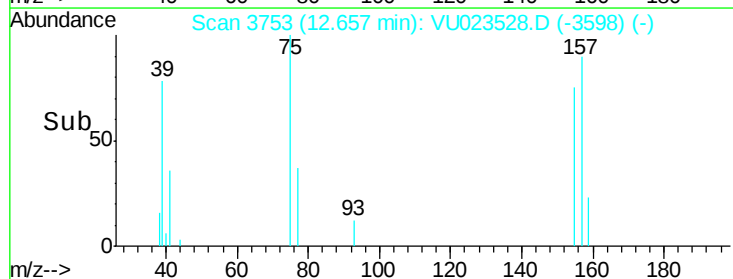
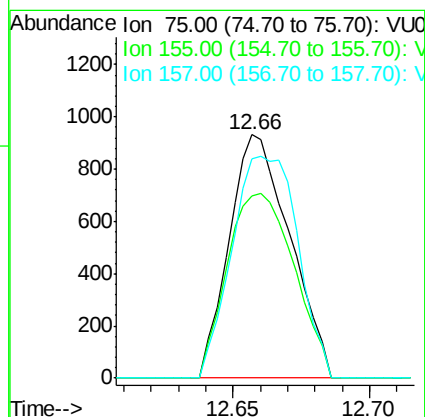
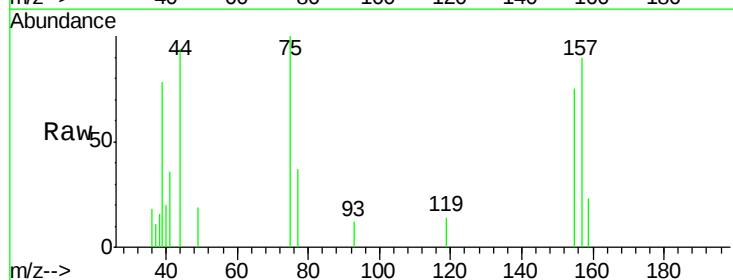
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

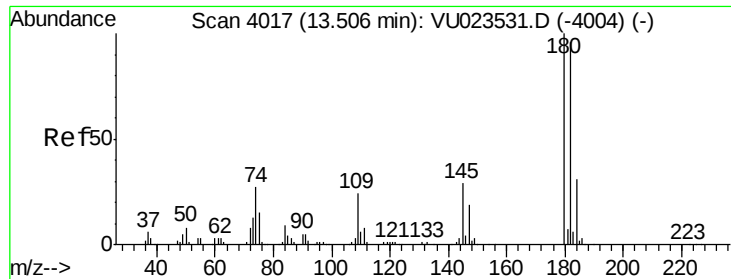
Tgt Ion: 146 Resp: 25110
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.7 62.1
 148 66.2 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.87 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion: 75 Resp: 1440
 Ion Ratio Lower Upper
 75 100
 155 83.8 65.8 98.6
 157 98.8 83.5 125.3

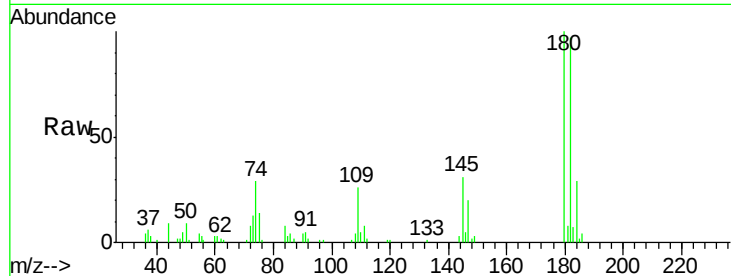




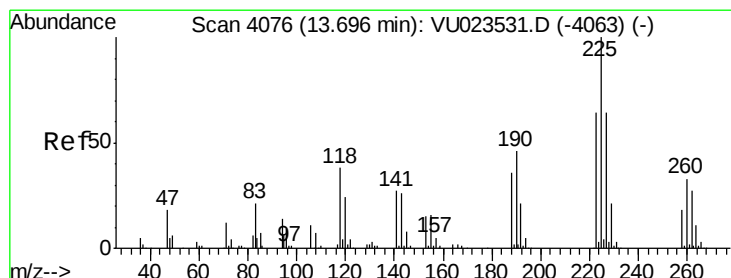
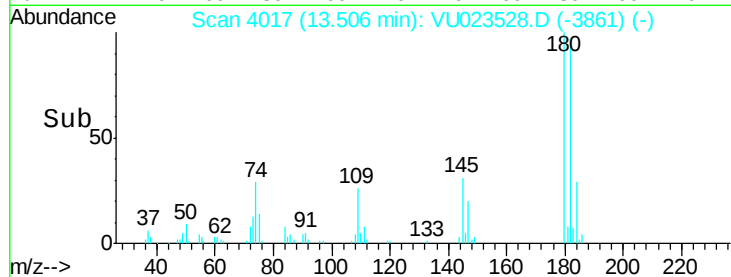
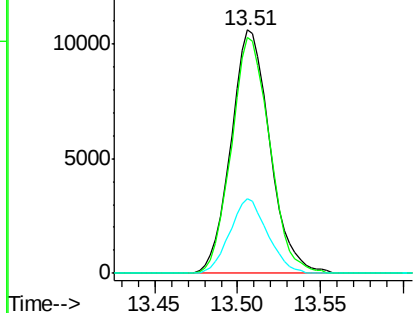
#87
 1,2,4-Trichlorobenzene
 Concen: 0.86 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 17330
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.1 115.7
 145 29.6 23.3 34.9

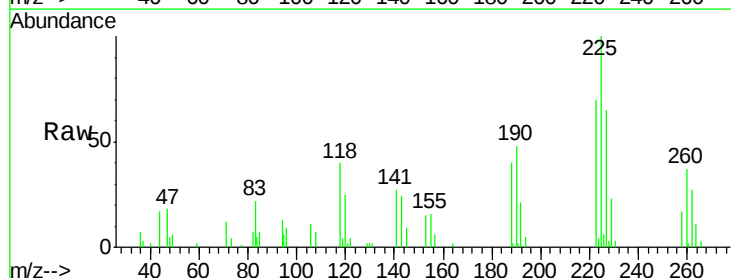


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

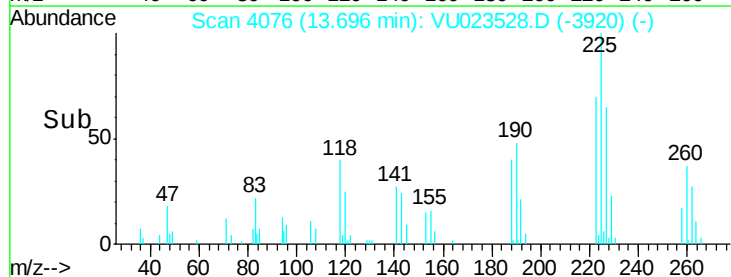
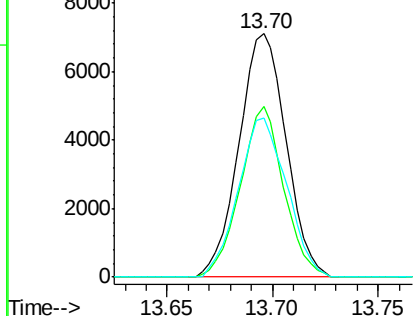


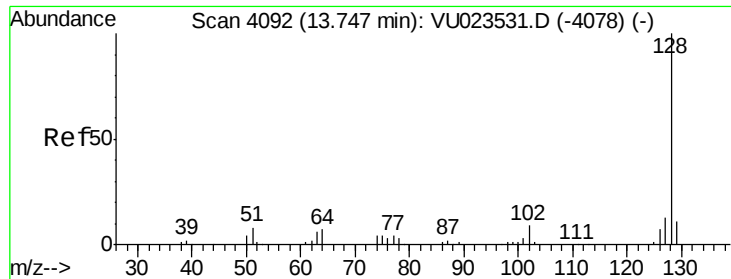
#88
 Hexachlorobutadiene
 Concen: 0.99 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU023528.D
 Acq: 30 Apr 2018 15:25

Tgt Ion:225 Resp: 11057
 Ion Ratio Lower Upper
 225 100
 223 64.2 50.6 75.8
 227 66.6 51.8 77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 0.76 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

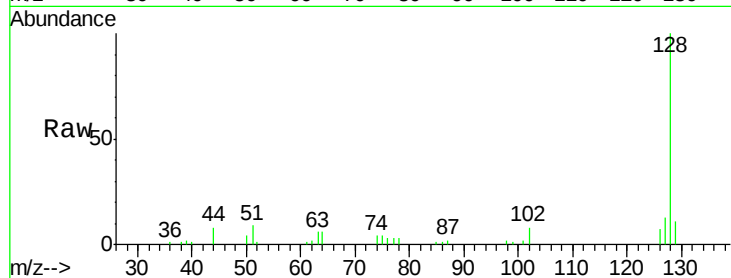
Tgt Ion:128 Resp: 24400

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

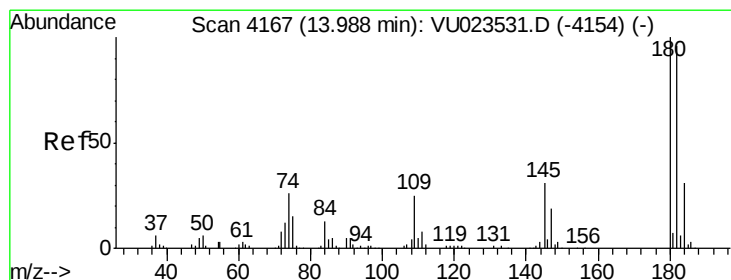
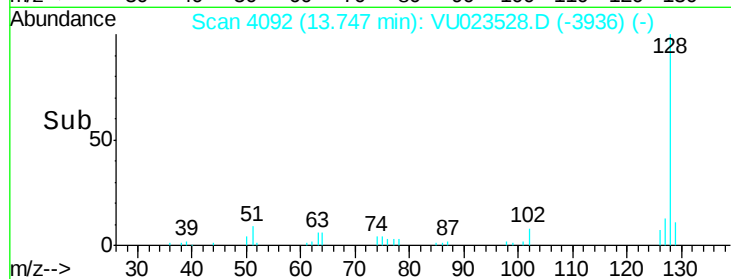
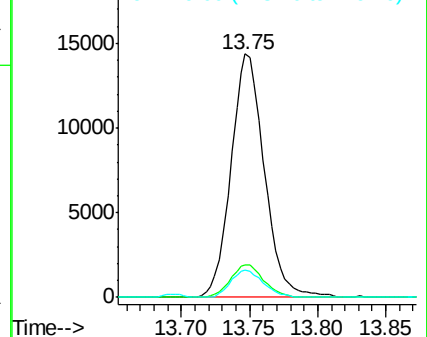
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 0.84 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU023528.D

Acq: 30 Apr 2018 15:25

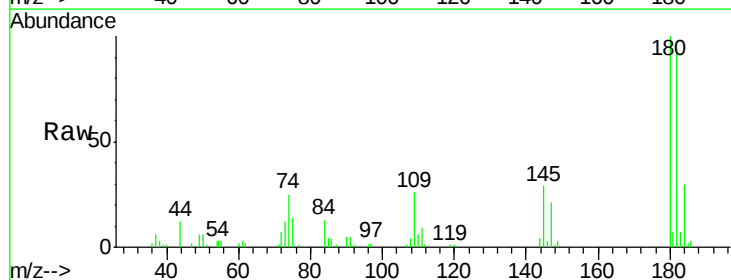
Tgt Ion:180 Resp: 16193

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

145 30.1 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

