

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100118\
 Data File : VU027323.D
 Acq On : 01 Oct 2018 17:13
 Operator : MD/SY
 Sample : J4870-01DL 2X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Oct 02 07:22:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	116775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202451	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	95501	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
35) Dibromofluoromethane	4.89	113	67632	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	7.57	98	263931	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.31	95	90436	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1208	0.530	ug/l	93
4) Vinyl Chloride	1.40	62	47485	22.162	ug/l	100
5) Bromomethane	1.63	94	24639	26.576	ug/l	97
6) Chloroethane	1.70	64	19526	15.166	ug/l	99
10) Methyl Iodide	2.41	142	2567	10.265	ug/l	95
11) Tert butyl alcohol	2.84	59	461	1.123	ug/l #	72
15) Acrylonitrile	3.00	53	2812	2.631	ug/l #	28
16) Acetone	2.32	43	66728	57.926	ug/l	99
17) Carbon Disulfide	2.48	76	1189	0.267	ug/l #	79
19) Methyl tert-butyl Ether	3.00	73	237182	47.989	ug/l	98
20) Methylene Chloride	2.70	84	22377	13.945	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	14939	10.787	ug/l	99
24) 1,1-Dichloroethane	3.45	63	77880	25.446	ug/l	100
25) 2-Butanone	4.26	43	145116	92.380	ug/l	100
28) Bromochloromethane	4.68	49	6163	4.174	ug/l #	24
29) Tetrahydrofuran	4.66	42	389	0.393	ug/l #	58
30) Chloroform	4.68	83	69431	25.534	ug/l	98
31) Cyclohexane	4.98	56	2940	0.706	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	18262	7.974	ug/l	98
36) 1,1-Dichloropropene	4.98	75	10871	4.946	ug/l #	49
37) Ethyl Acetate	4.26	43	145116	51.081	ug/l #	70
38) Carbon Tetrachloride	4.98	117	12107	6.097	ug/l #	17
40) Benzene	5.39	78	245213	38.297	ug/l	100
42) 1,2-Dichloroethane	5.39	62	2401	1.010	ug/l #	76
44) Trichloroethene	6.19	130	45807	32.083	ug/l	99
45) 1,2-Dichloropropane	6.43	63	78106	42.292	ug/l	97
46) Dibromomethane	6.56	93	61190	58.664	ug/l	97
48) Methyl methacrylate	6.43	41	44602	20.328	ug/l #	34
49) 1,4-Dioxane	6.56	88	219	5.801	ug/l #	17
51) 4-Methyl-2-Pentanone	7.46	43	198079	69.086	ug/l	99
52) Toluene	7.64	92	92591	24.431	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	138901	50.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.15	63	41	8.255	ug/l #	52
59) 2-Hexanone	8.37	43	135398	60.878	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

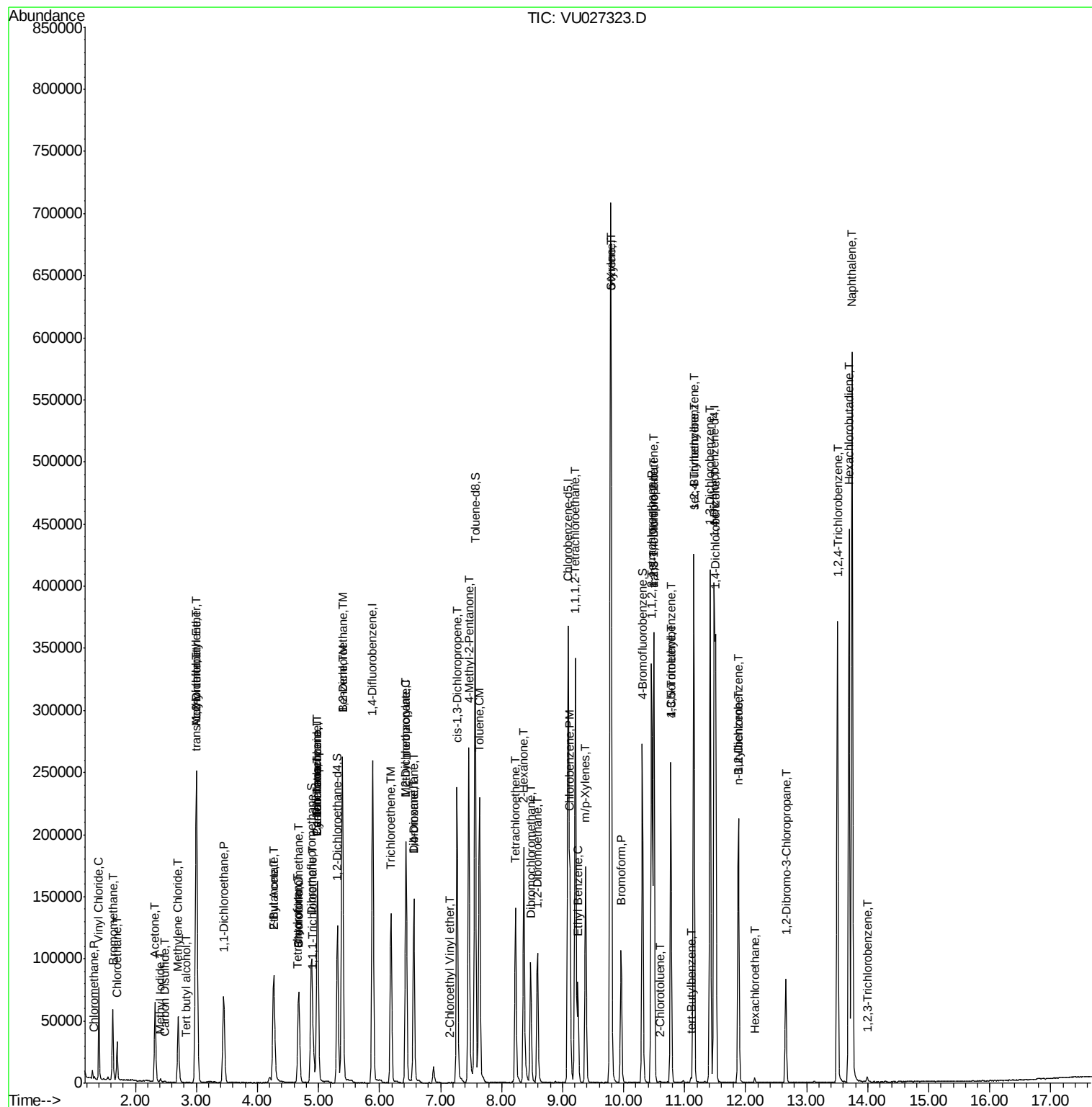
60) Dibromochloromethane	8.48	129	48579	32.234	uq/l	98
61) 1,2-Dibromoethane	8.59	107	72249	45.223	uq/l	100
64) Tetrachloroethene	8.23	164	31383	26.850	uq/l	99
65) Chlorobenzene	9.12	112	78800	19.939	uq/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	91756	67.253	uq/l	99
67) Ethyl Benzene	9.25	91	53386	7.624	uq/l	99
68) m/p-Xylenes	9.38	106	47229	18.440	uq/l	99
69) o-Xylene	9.78	106	93363	38.359	uq/l	99
70) Styrene	9.79	104	229683	50.461	uq/l	97
71) Bromoform	9.96	173	46662	42.509	uq/l #	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	172025	67.794	uq/l	100
76) 1,2,3-Trichloropropane	10.49	75	149851	64.969	uq/l	86
79) 2-Chlorotoluene	10.59	91	1083	0.231	uq/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	133080	25.294	uq/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	149851	170.032	uq/l #	100
82) 4-Chlorotoluene	10.77	91	15460	2.906	uq/l #	49
83) tert-Butylbenzene	11.10	119	1111	0.218	uq/l #	32
84) 1,2,4-Trimethylbenzene	11.15	105	223591	41.603	uq/l	100
85) sec-Butylbenzene	11.15	105	223591	34.890	uq/l #	58
87) 1,3-Dichlorobenzene	11.42	146	155614	54.720	uq/l	100
88) 1,4-Dichlorobenzene	11.51	146	119787	41.220	uq/l	99
89) n-Butylbenzene	11.89	91	1535	2.203	uq/l	87
90) Hexachloroethane	12.14	117	623	0.602	uq/l	97
91) 1,2-Dichlorobenzene	11.88	146	80317	29.015	uq/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21528	38.281	uq/l	100
93) 1,2,4-Trichlorobenzene	13.50	180	107440	59.983	uq/l	100
94) Hexachlorobutadiene	13.69	225	77119	85.217	uq/l	99
95) Naphthalene	13.74	128	435675	64.275	uq/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	1472	0.789	uq/l	95

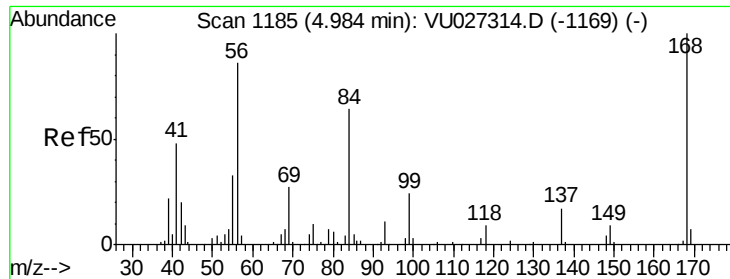
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

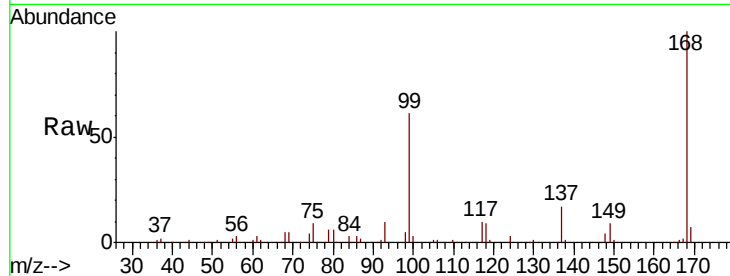
PT-VOA-WPDL

Tot Ion:168 Resp: 116775

Ion Ratio Lower Upper

168 100

99 60.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027323.D (-1092) (-)

4.99

60000

50000

40000

30000

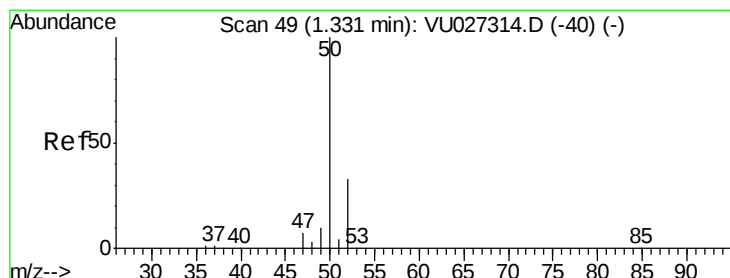
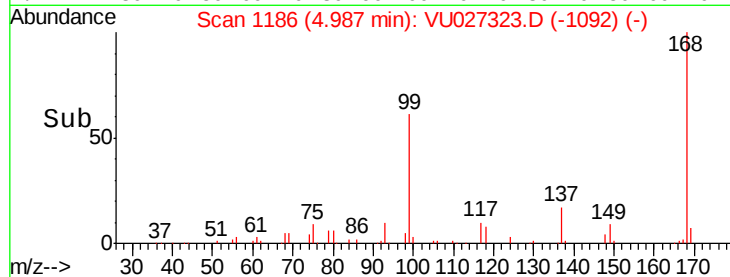
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.530 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027323.D

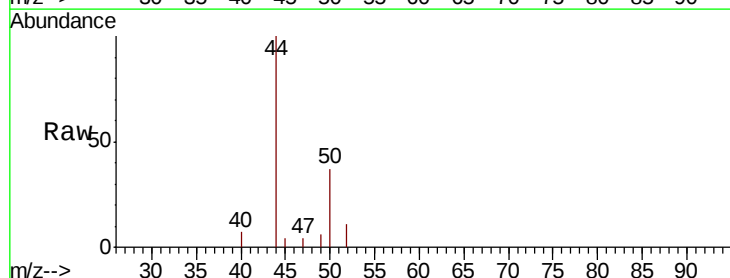
Acq: 01 Oct 2018 17:13

Tgt Ion: 50 Resp: 1208

Ion Ratio Lower Upper

50 100

52 28.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU027314.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027323.D (-1) (-)

1.33

1200

1000

800

600

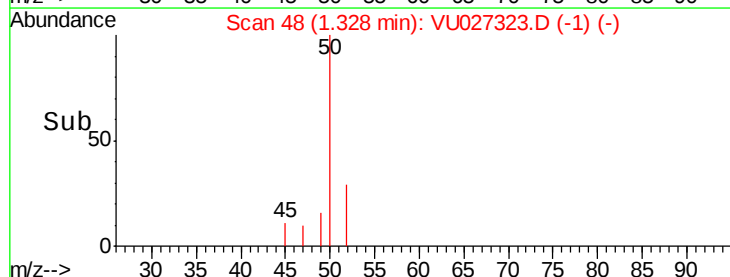
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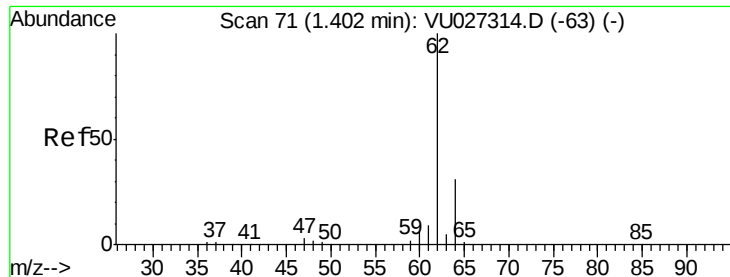
200

0

1.30 1.32 1.34 1.36

Time-->





#4

Vinyl Chloride

Concen: 22.162 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

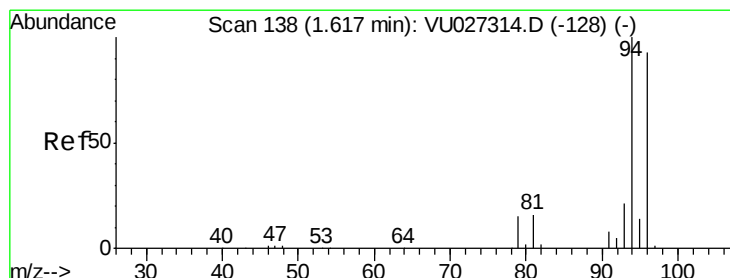
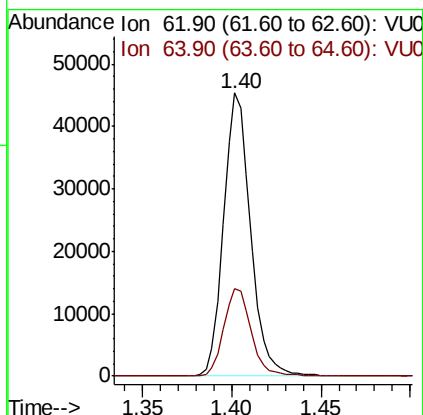
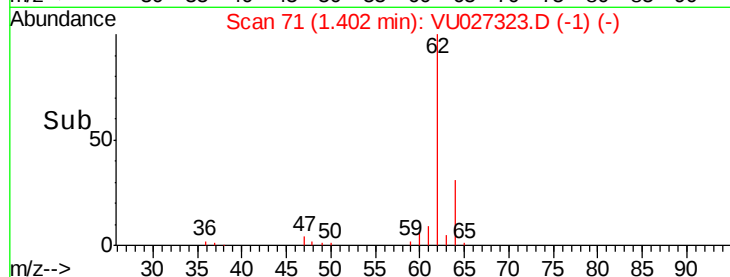
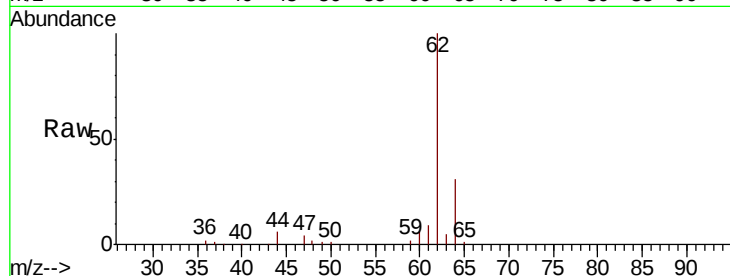
PT-VOA-WPDL

Tot Ion: 62 Resp: 47485

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3



#5

Bromomethane

Concen: 26.576 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.01 min

Lab File: VU027323.D

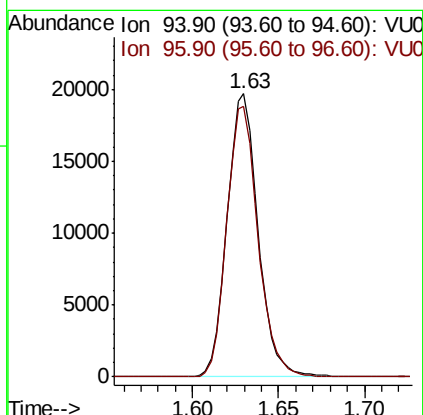
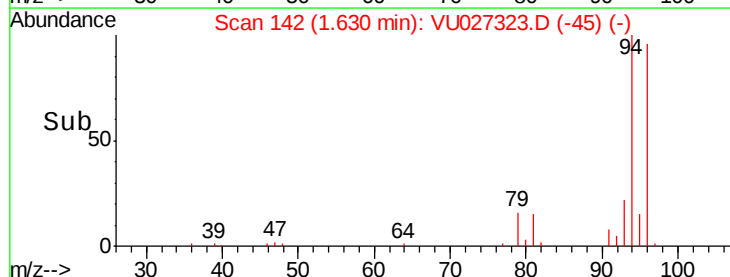
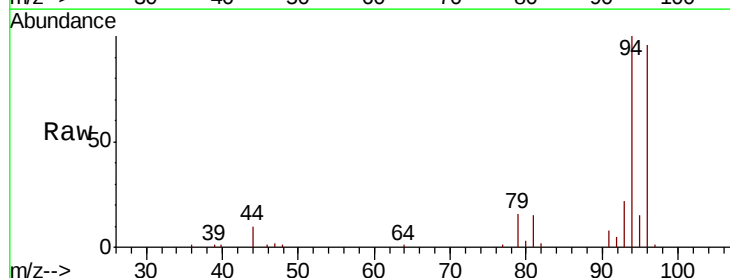
Acq: 01 Oct 2018 17:13

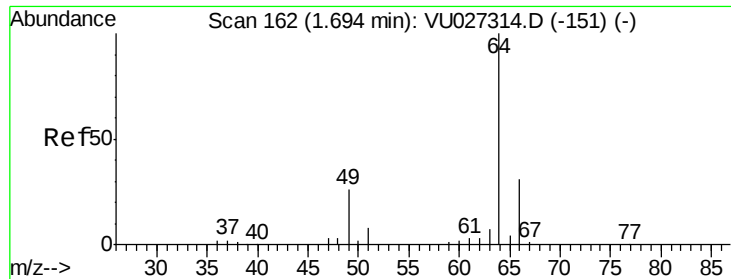
Tgt Ion: 94 Resp: 24639

Ion Ratio Lower Upper

94 100

96 95.7 74.6 111.8

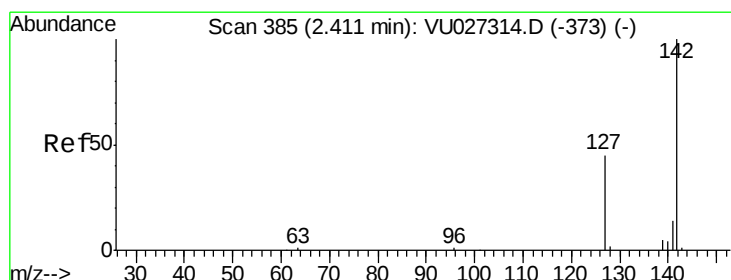
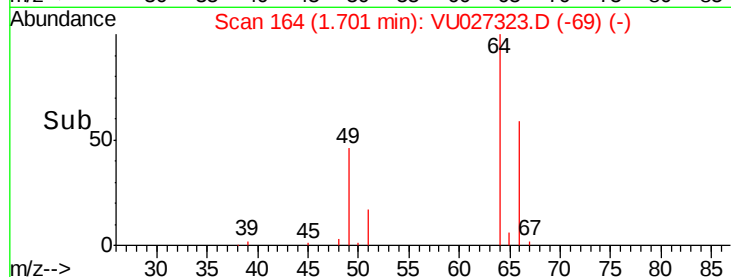
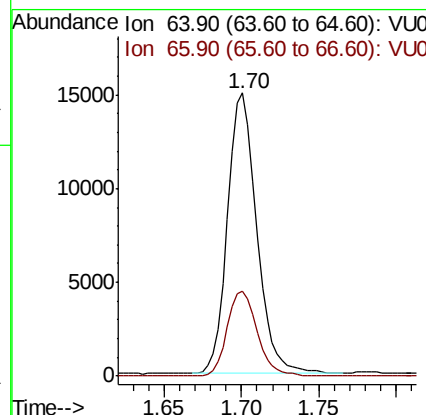
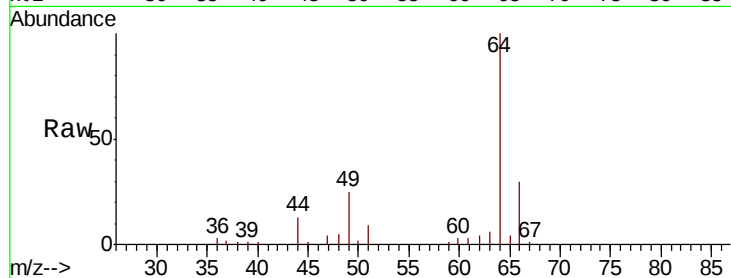




#6
 Chloroethane
 Concen: 15.166 ug/l
 RT: 1.70 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

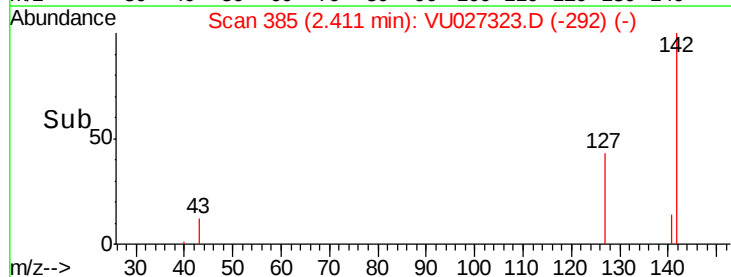
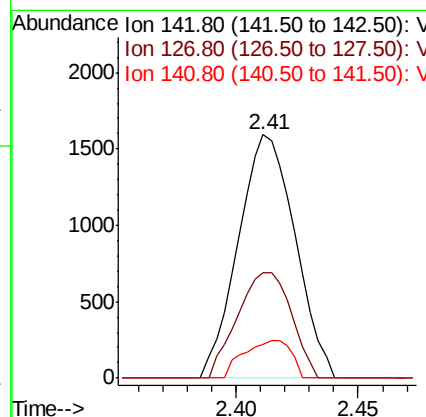
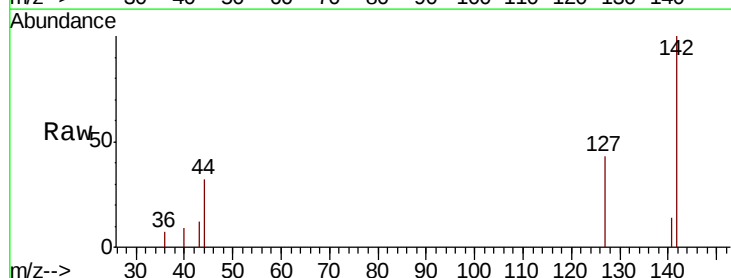
Instrument :
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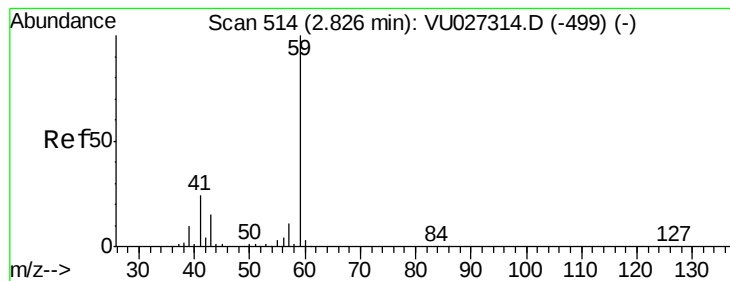
Tot Ion: 64 Resp: 19526
 Ion Ratio Lower Upper
 64 100
 66 30.3 24.6 36.8



#10
 Methyl Iodide
 Concen: 10.265 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 142 Resp: 2567
 Ion Ratio Lower Upper
 142 100
 127 41.5 36.3 54.5
 141 12.9 11.6 17.4



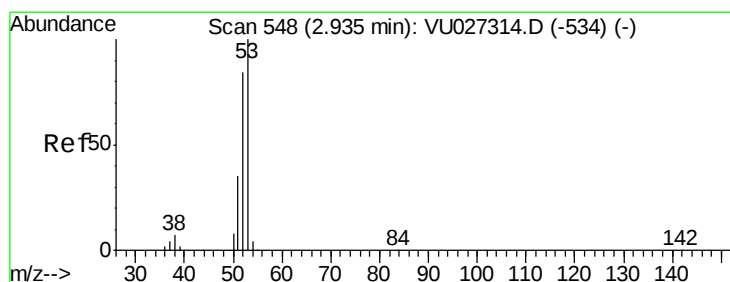
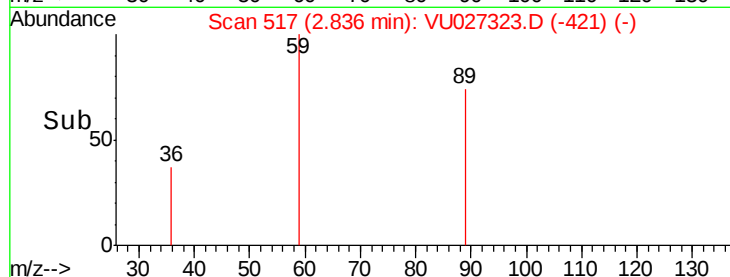
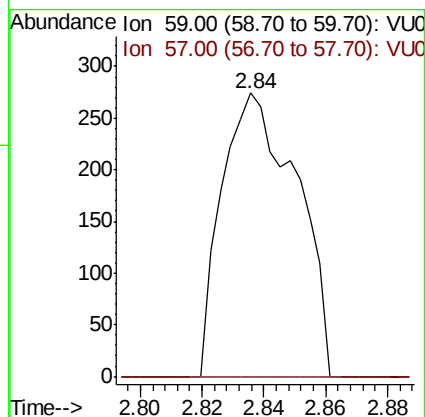
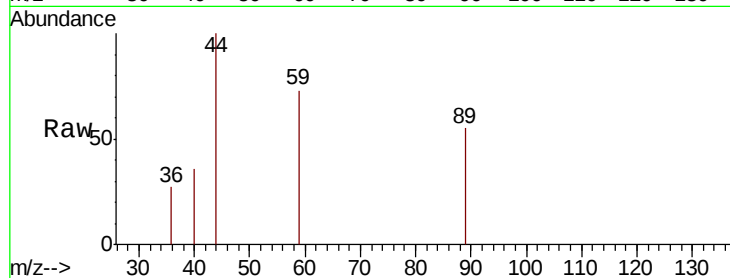


#11

Tert butyl alcohol
 Concen: 1.123 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Instrument :
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 ClientSampleId :
 PT-VOA-WPDL

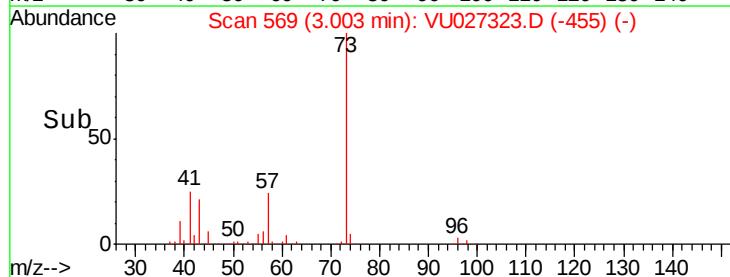
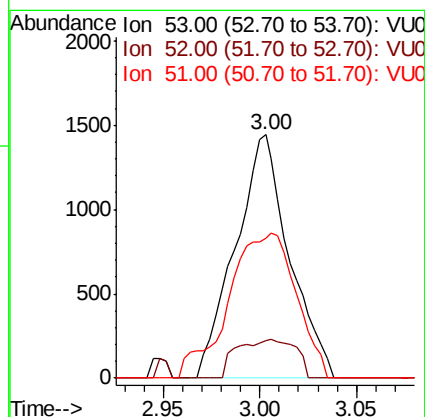
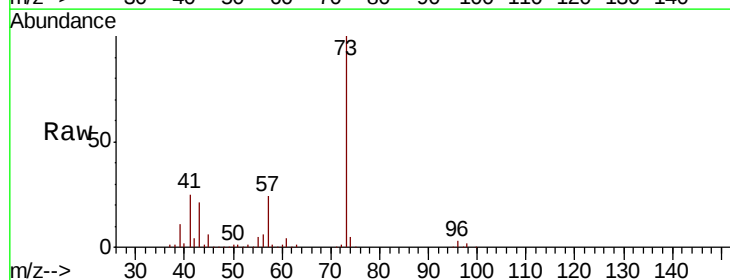
Tot Ion: 59 Resp: 461
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

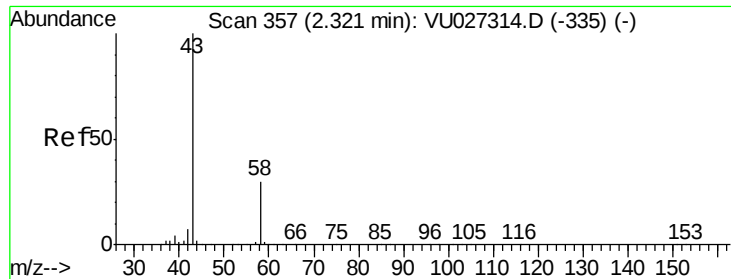


#15

Acrylonitrile
 Concen: 2.631 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.07 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 53 Resp: 2812
 Ion Ratio Lower Upper
 53 100
 52 17.1 66.5 99.7#
 51 74.3 27.6 41.4#





#16

Acetone

Concen: 57.926 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

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ClientSampleId :

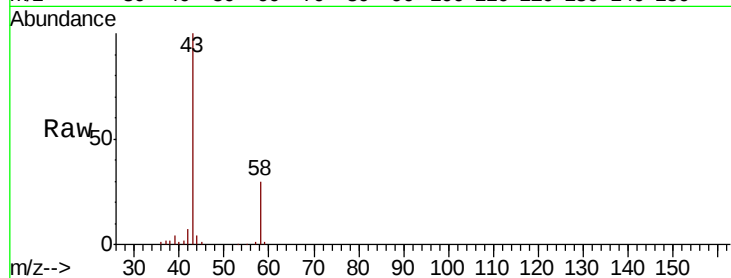
PT-VOA-WPDL

Tot Ion: 43 Resp: 66728

Ion Ratio Lower Upper

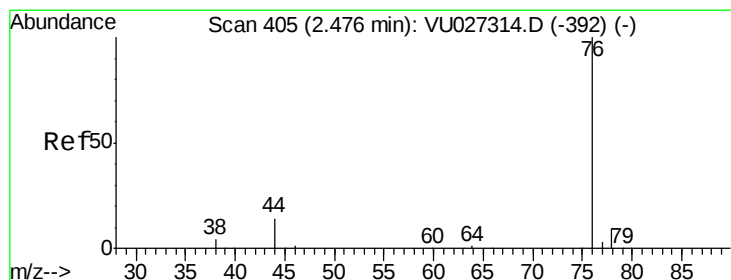
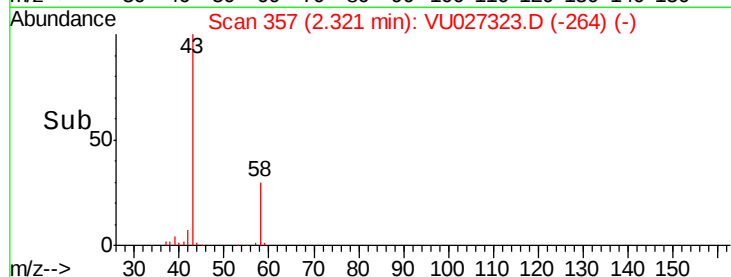
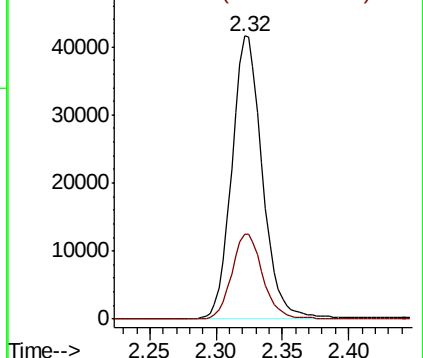
43 100

58 29.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.267 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027323.D

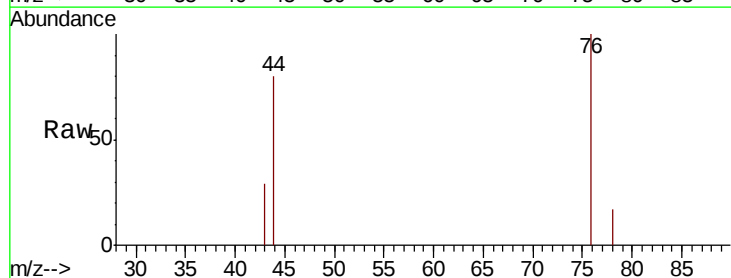
Acq: 01 Oct 2018 17:13

Tgt Ion: 76 Resp: 1189

Ion Ratio Lower Upper

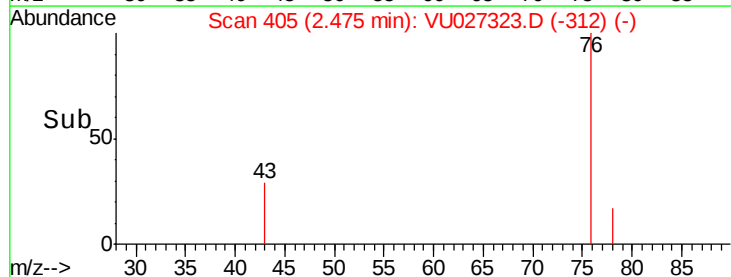
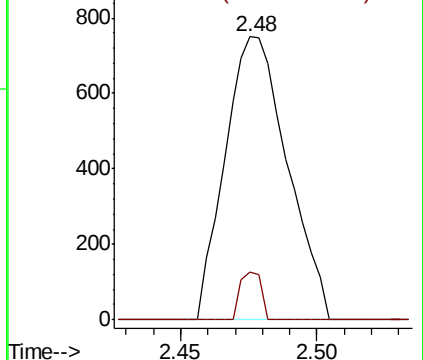
76 100

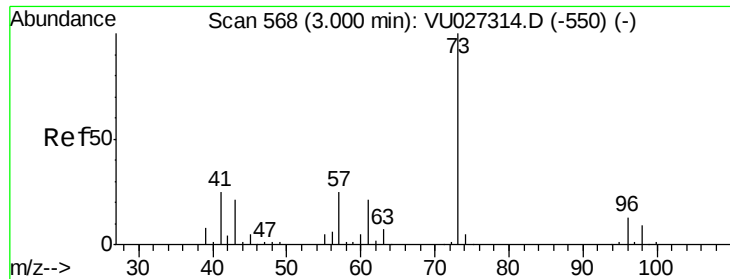
78 16.7 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

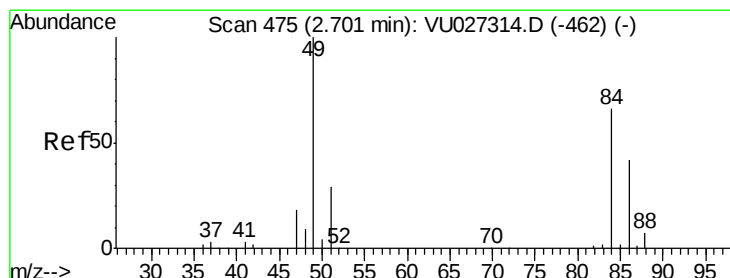
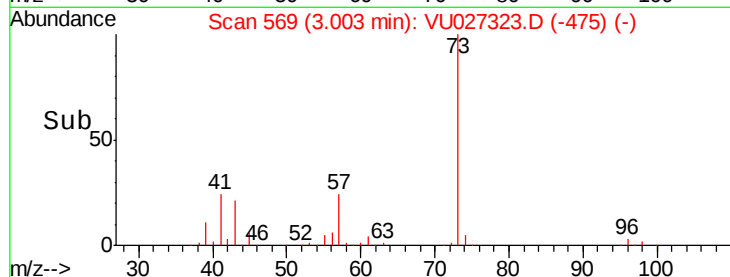
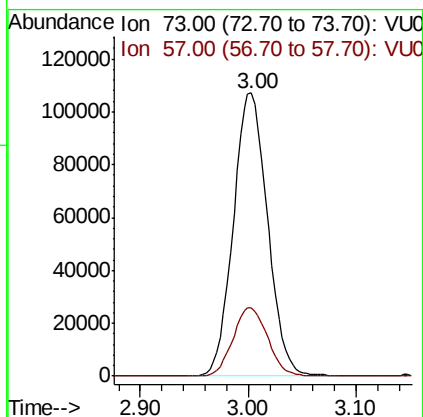
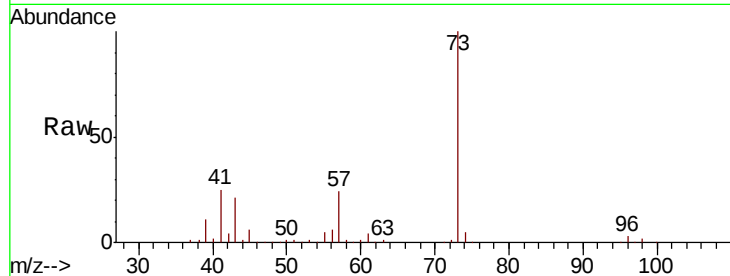




#19
Methvl tert-butvl Ether
Concen: 47.989 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

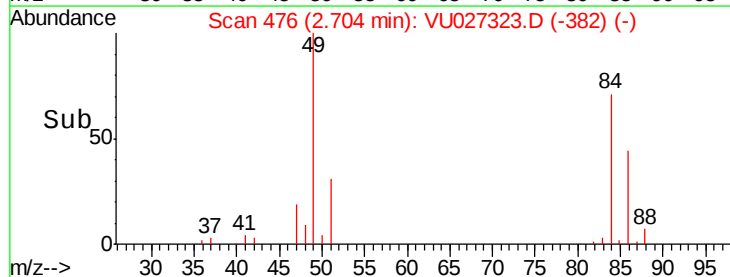
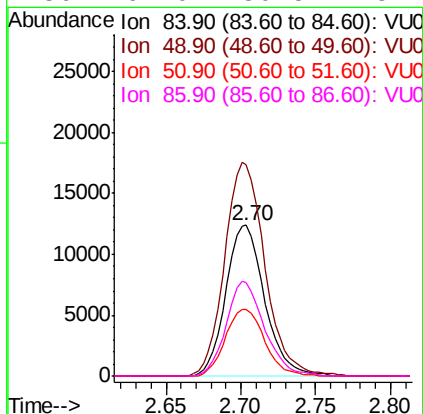
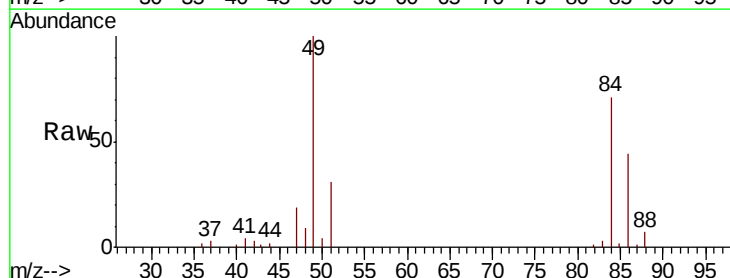
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

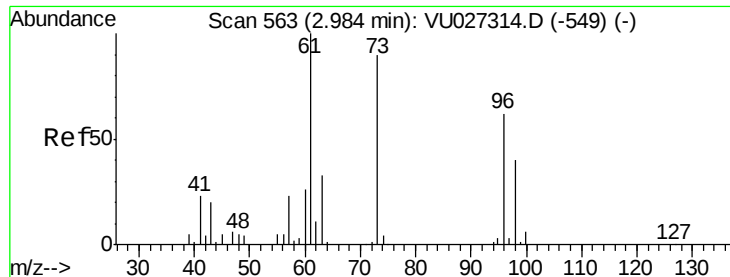
Tot Ion: 73 Resp: 237182
Ion Ratio Lower Upper
73 100
57 24.0 20.0 30.0



#20
Methylene Chloride
Concen: 13.945 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 84 Resp: 22377
Ion Ratio Lower Upper
84 100
49 140.0 120.5 180.7
51 43.8 35.1 52.7
86 62.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 10.787 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

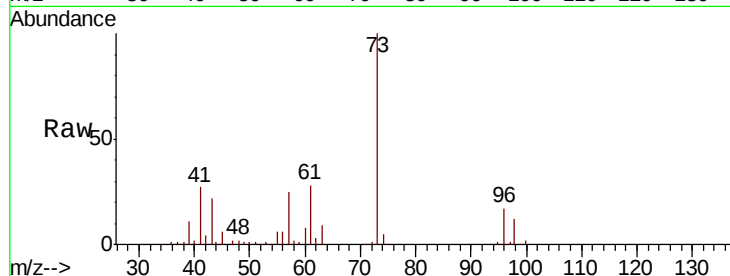
Tot Ion: 96 Resp: 14939

Ion Ratio Lower Upper

96 100

61 161.7 129.4 194.2

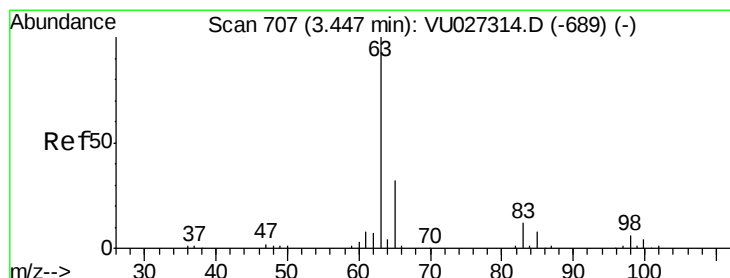
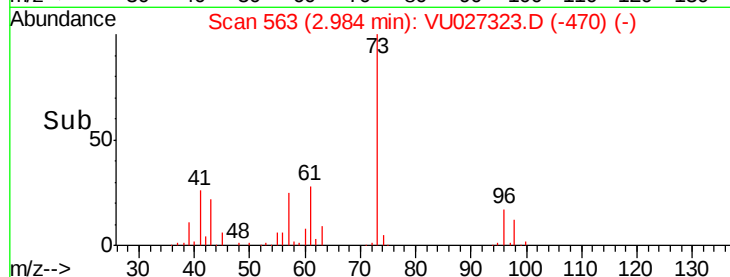
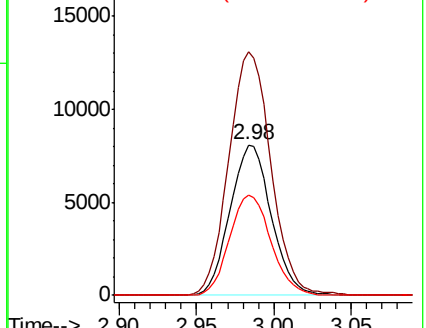
98 67.0 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#24

1,1-Dichloroethane

Concen: 25.446 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

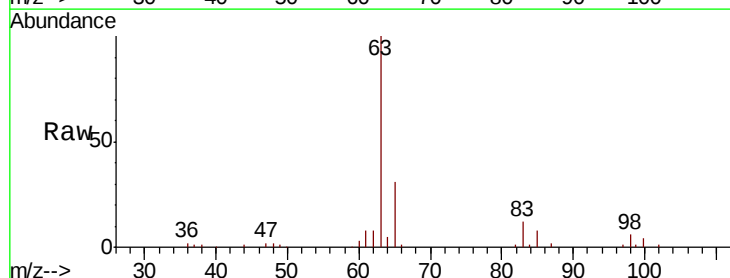
Tgt Ion: 63 Resp: 77880

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

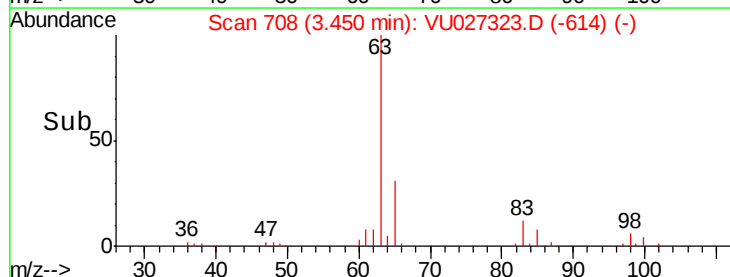
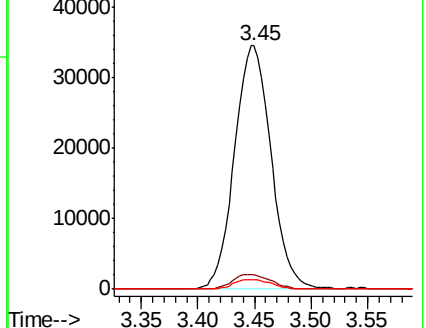
100 3.8 1.8 5.5

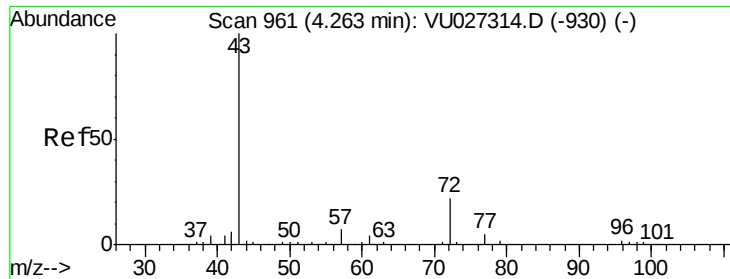


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

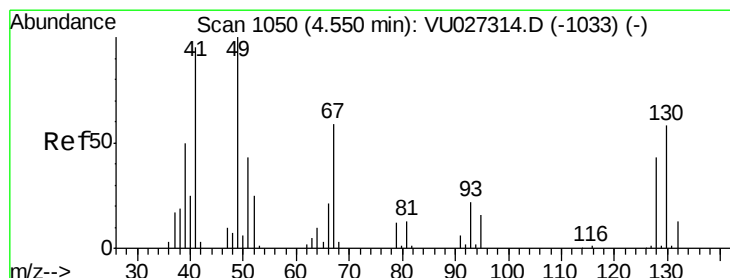
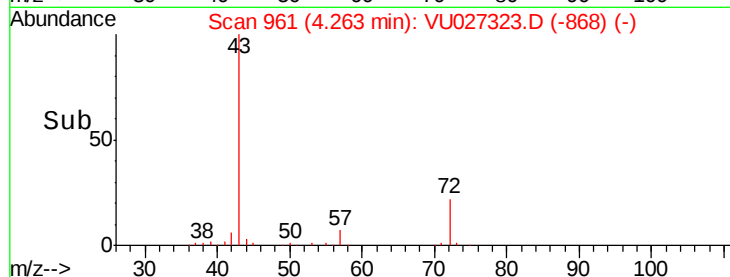
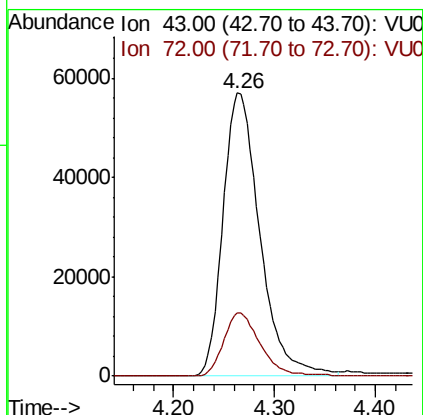
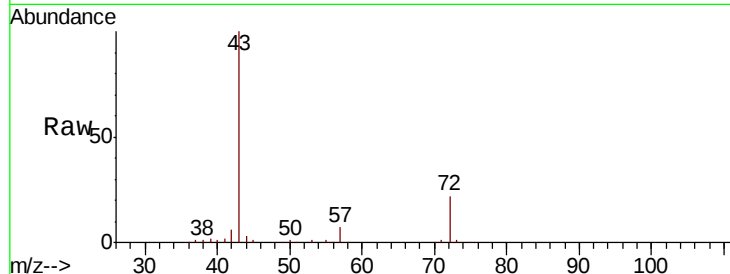




#25
2-Butanone
Concen: 92.380 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

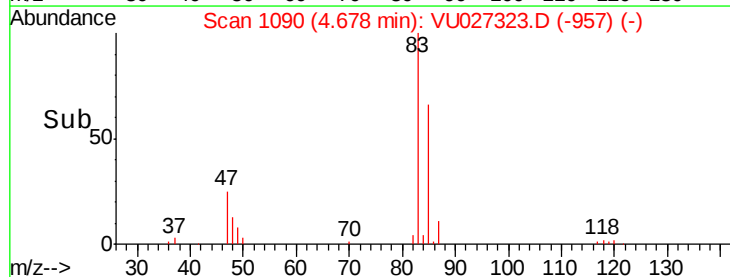
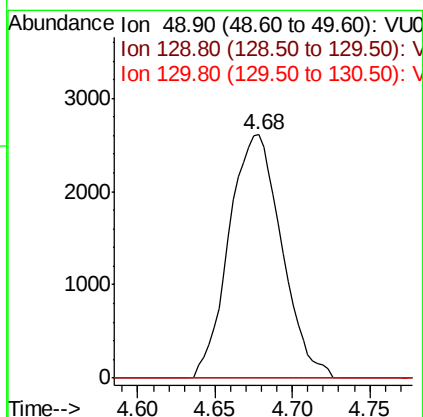
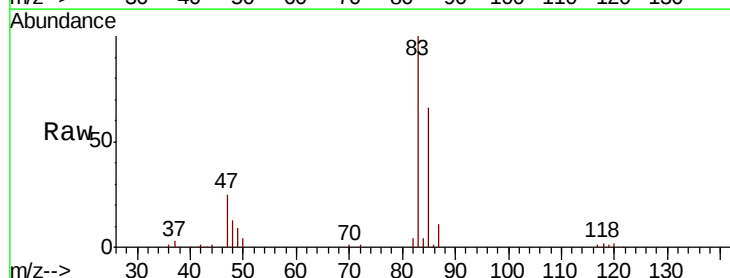
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

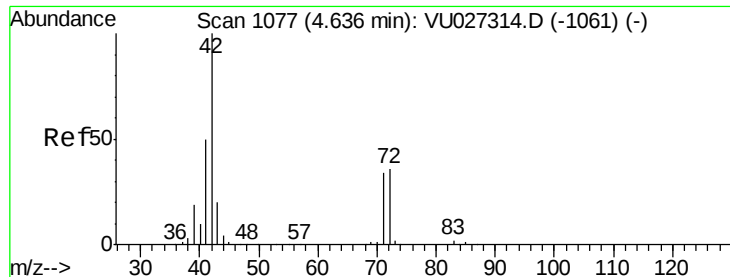
Tot Ion: 43 Resp: 145116
Ion Ratio Lower Upper
43 100
72 22.4 17.8 26.6



#28
Bromochloromethane
Concen: 4.174 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.13 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 49 Resp: 6163
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 0.0 46.1 69.1#





#29

Tetrahydrofuran

Concen: 0.393 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

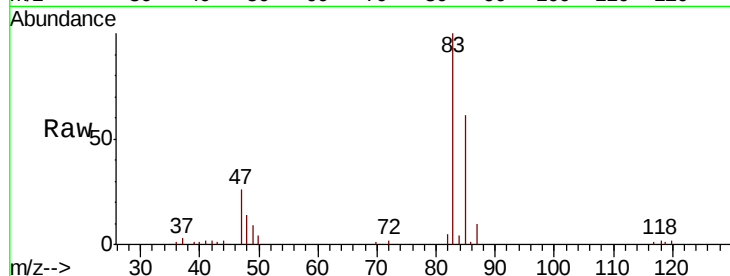
Tot Ion: 42 Resp: 389

Ion Ratio Lower Upper

42 100

72 52.4 30.1 45.1#

71 0.0 27.7 41.5#



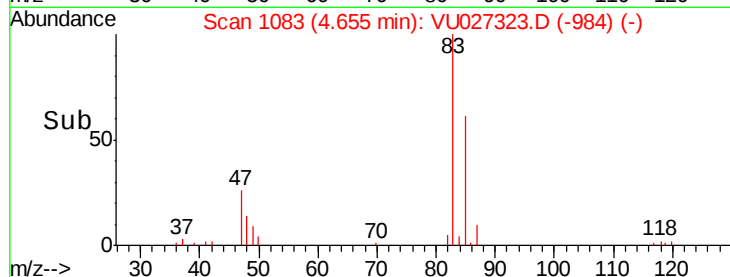
Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

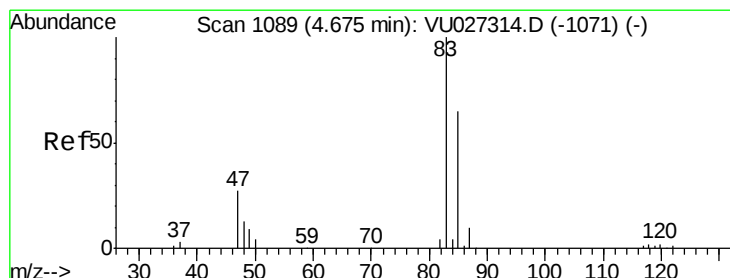
Ion 71.00 (70.70 to 71.70): VU0

4.66

4.62 4.64 4.66 4.68



Time-->



#30

Chloroform

Concen: 25.534 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027323.D

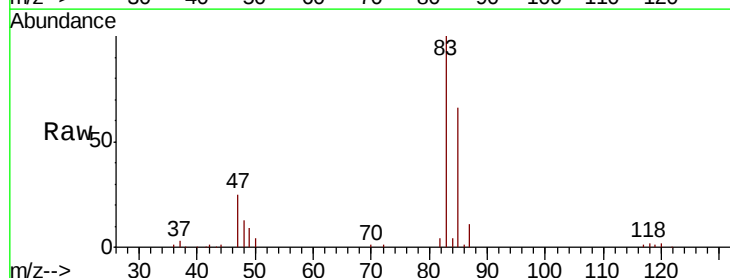
Acq: 01 Oct 2018 17:13

Tgt Ion: 83 Resp: 69431

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

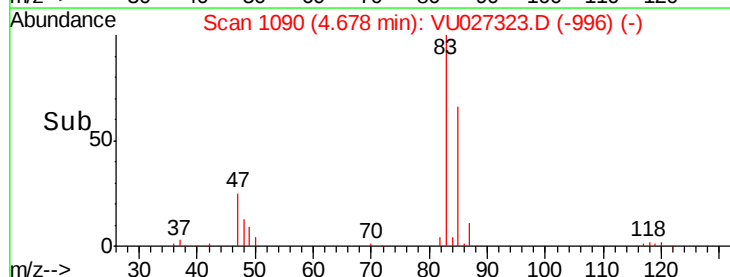


Abundance Ion 82.90 (82.60 to 83.60): VU0

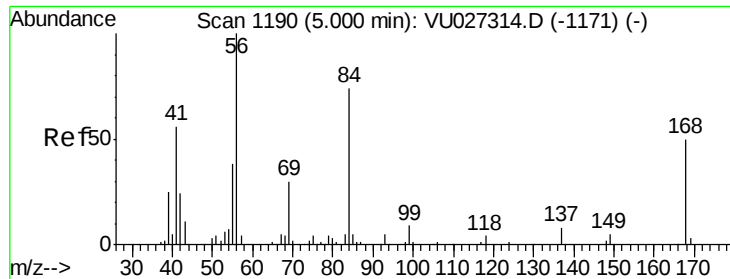
Ion 84.90 (84.60 to 85.60): VU0

4.68

4.60 4.65 4.70 4.75



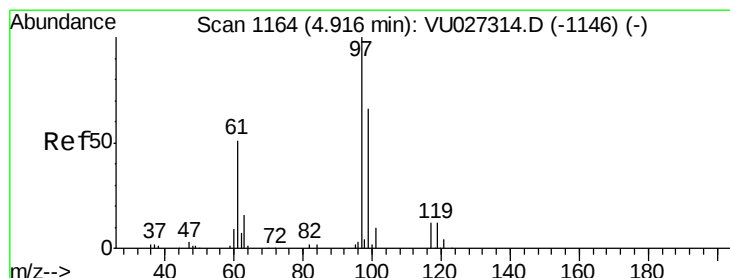
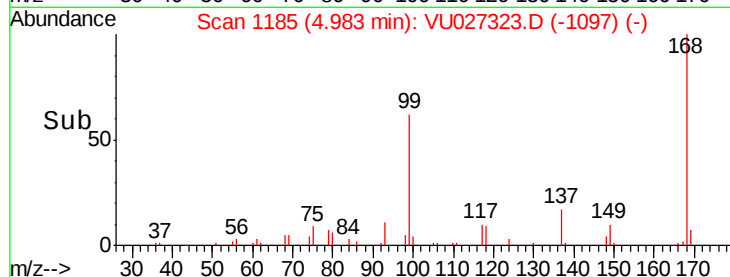
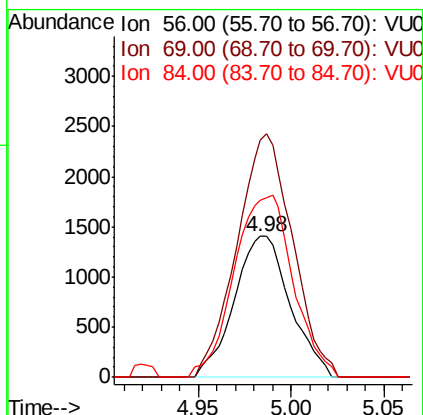
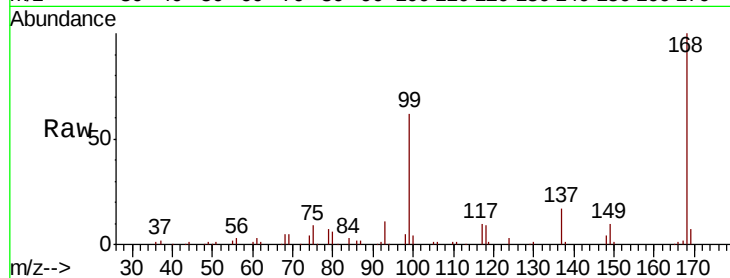
Time-->



#31
Cyclohexane
Concen: 0.706 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

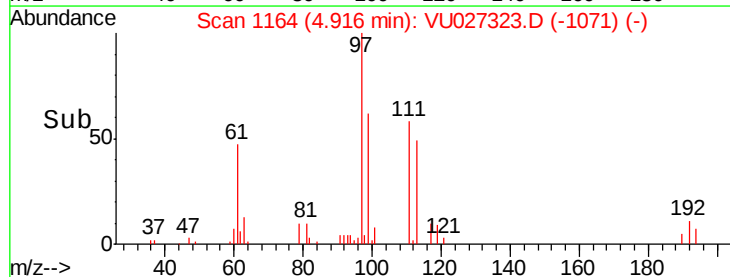
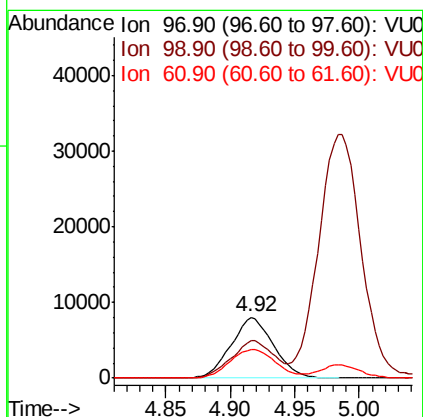
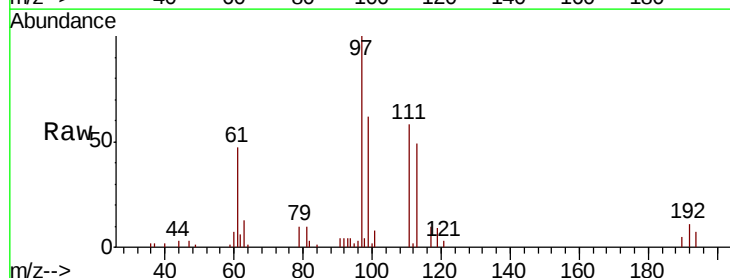
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

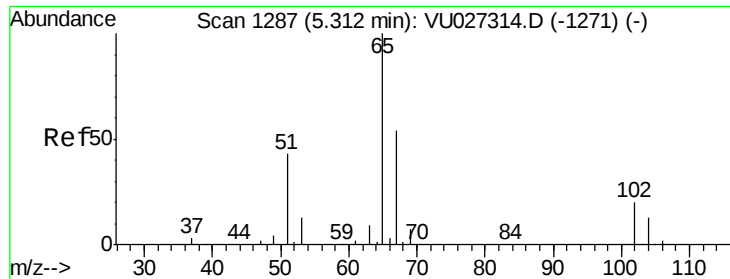
Tot Ion: 56 Resp: 2940
Ion Ratio Lower Upper
56 100
69 168.3 24.1 36.1#
84 125.8 59.1 88.7#



#32
1,1,1-Trichloroethane
Concen: 7.974 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 97 Resp: 18262
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 50.8 39.6 59.4

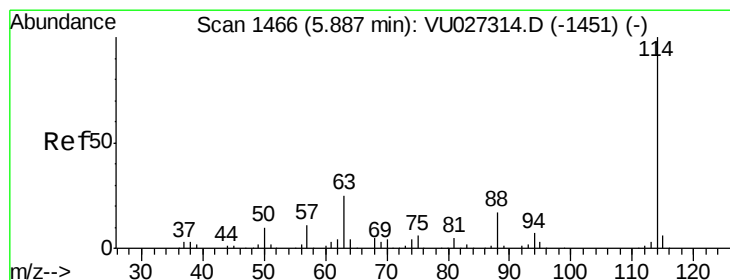
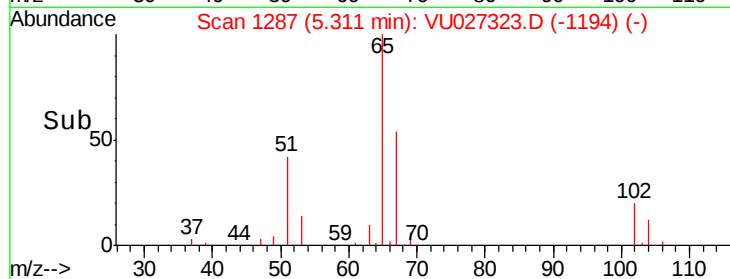
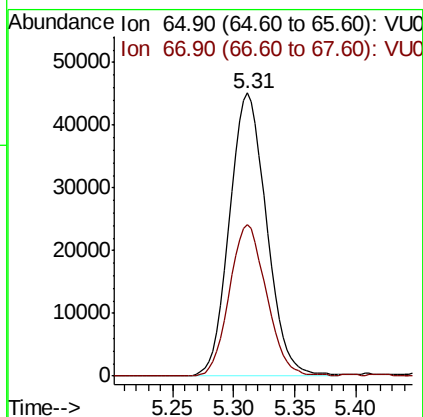
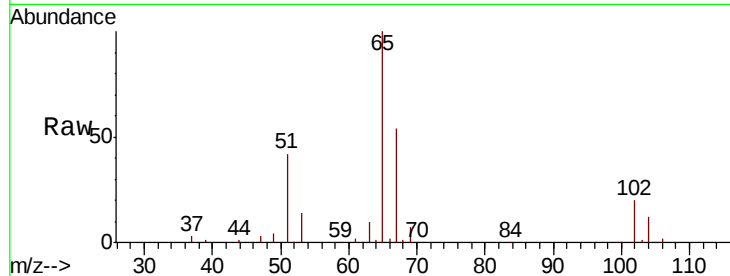




#33
 1,2-Dichloroethane-d4
 Concen: 48.976 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

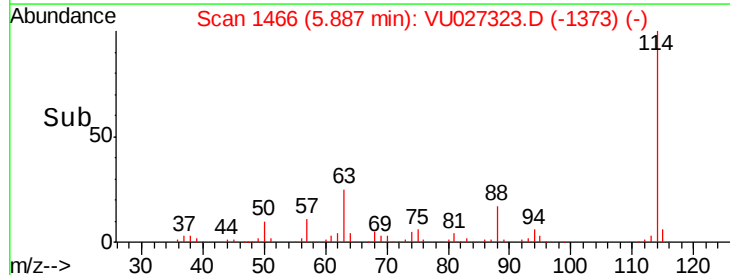
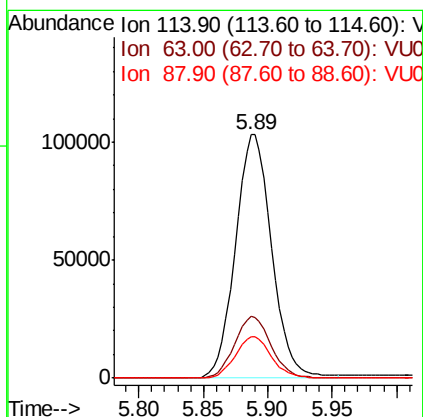
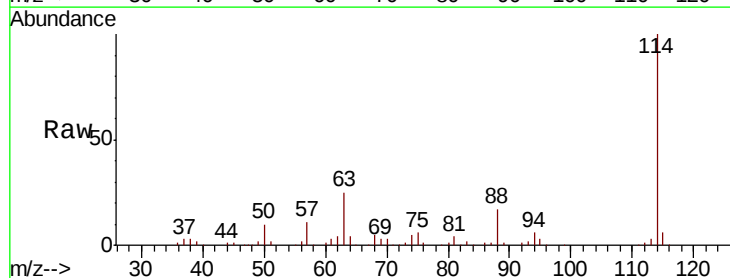
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

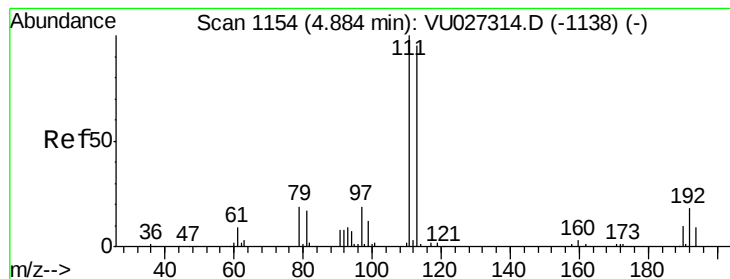
Tot Ion: 65 Resp: 95501
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 114 Resp: 202451
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.745 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

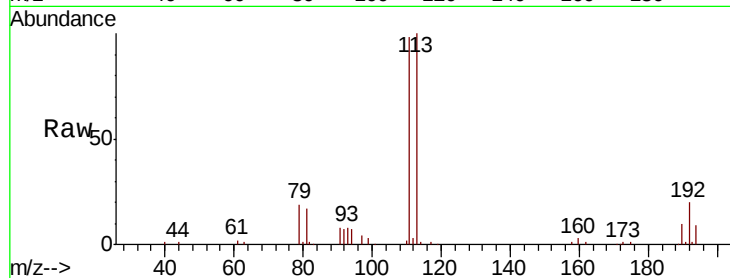
Tot Ion:113 Resp: 67632

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

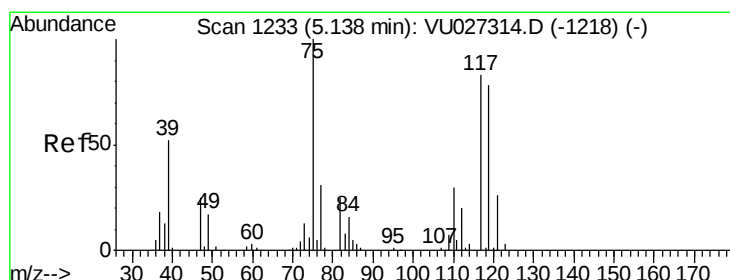
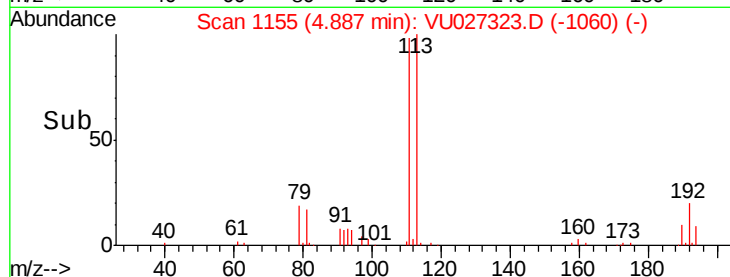
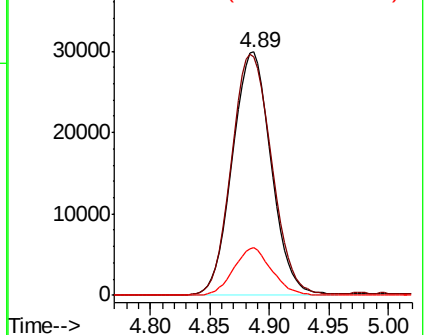
192 19.1 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.946 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

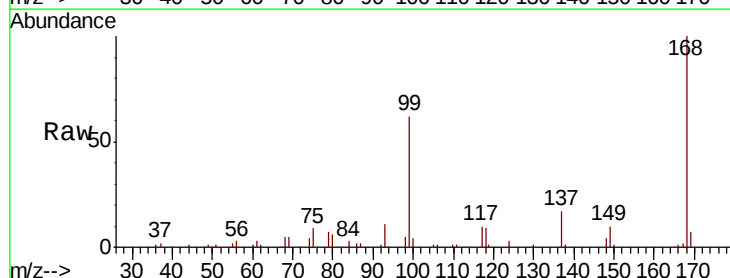
Tgt Ion: 75 Resp: 10871

Ion Ratio Lower Upper

75 100

110 6.3 15.5 46.5#

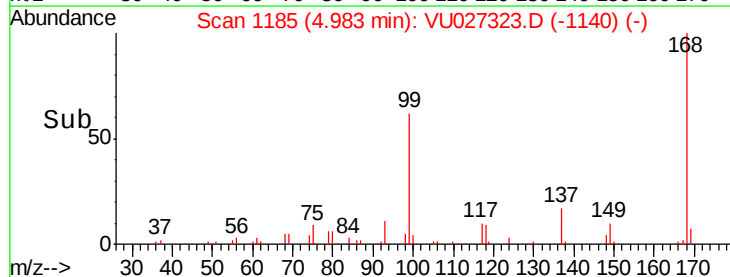
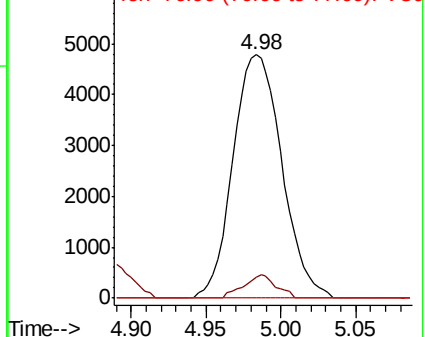
77 0.0 25.4 38.0#

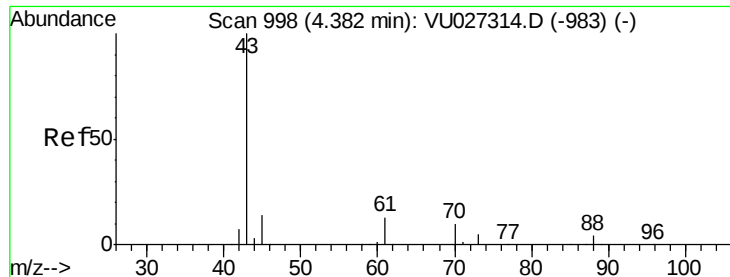


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

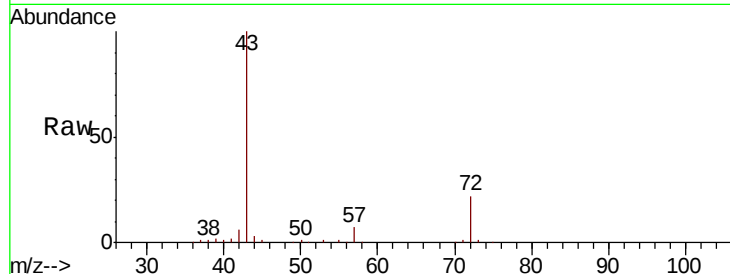




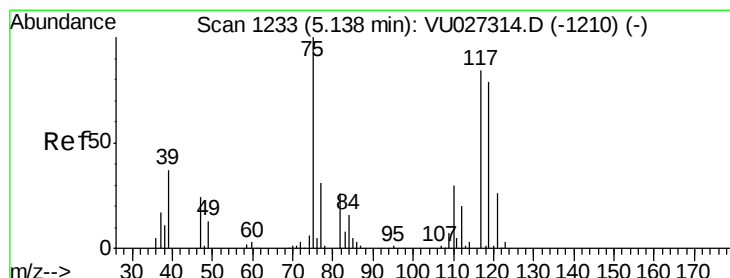
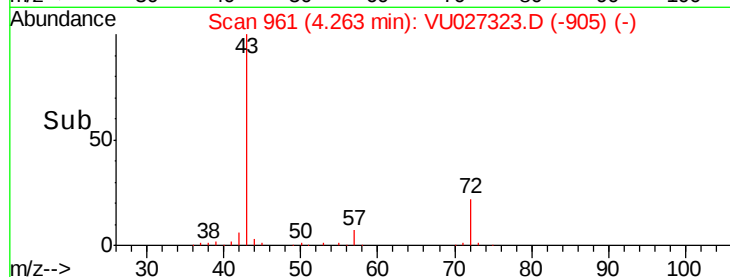
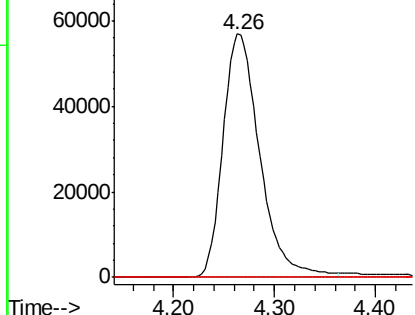
#37
Ethyl Acetate
Concen: 51.081 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.12 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion: 43 Resp: 145116
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.4 11.2#

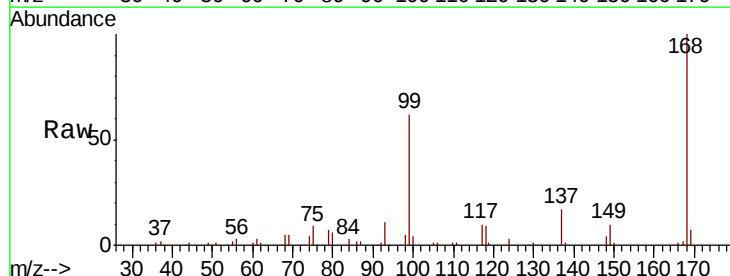


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

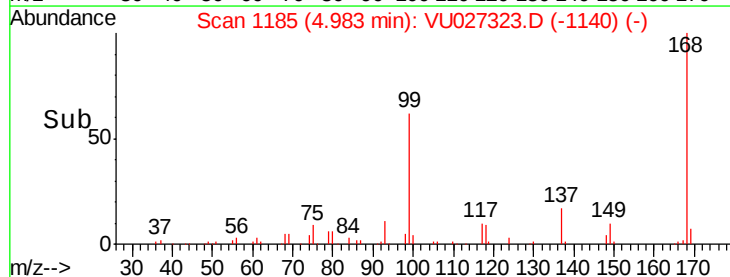
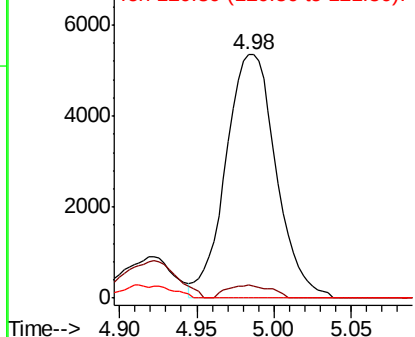


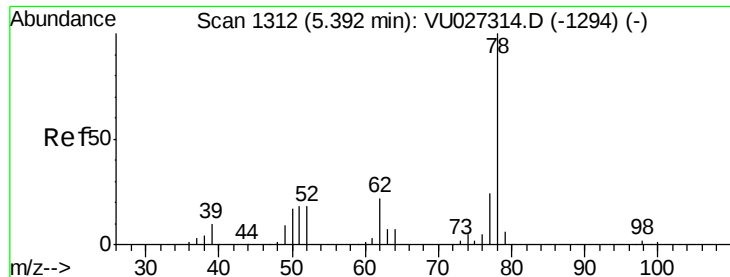
#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 117 Resp: 12107
Ion Ratio Lower Upper
117 100
119 5.2 74.5 111.7#
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 38.297 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

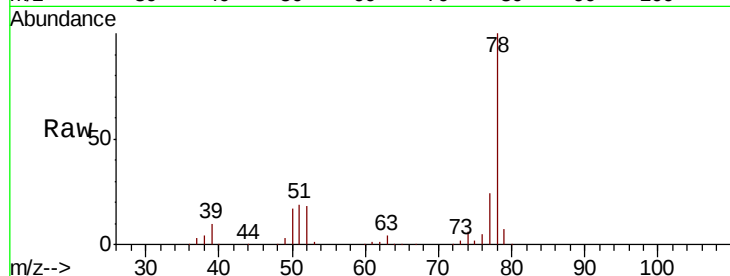
PT-VOA-WPDL

Tot Ion: 78 Resp: 245213

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

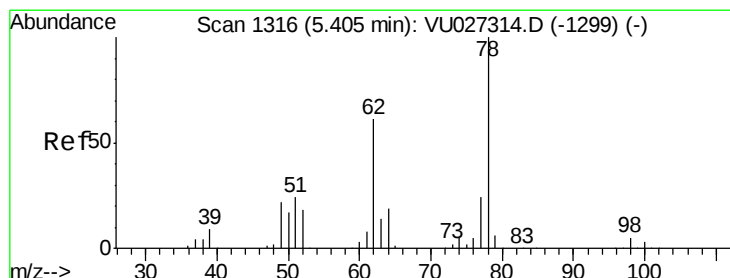
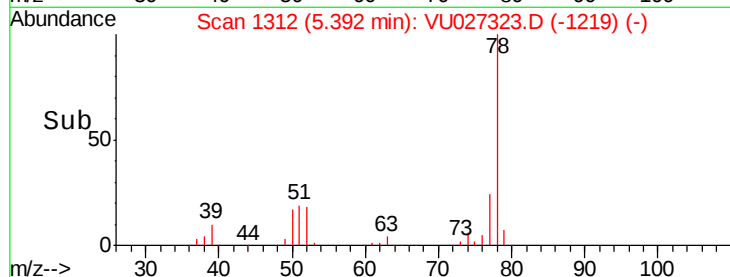
5.39

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.010 ug/l

RT: 5.39 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VU027323.D

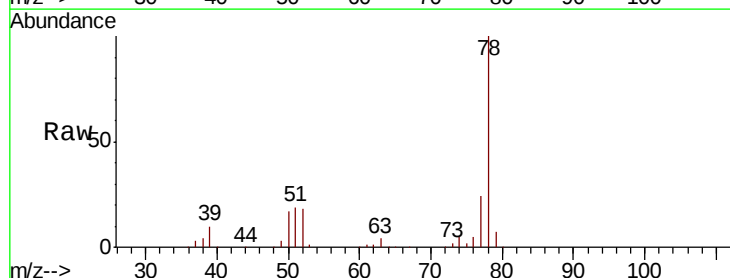
Acq: 01 Oct 2018 17:13

Tgt Ion: 62 Resp: 2401

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

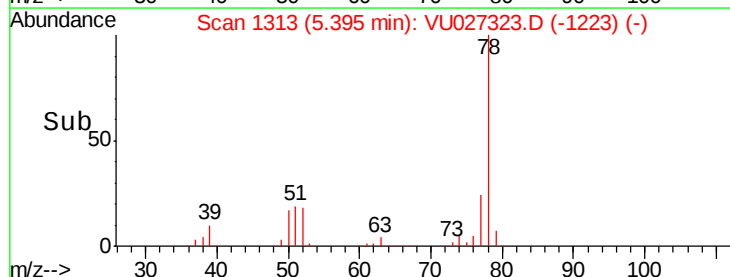
5.39

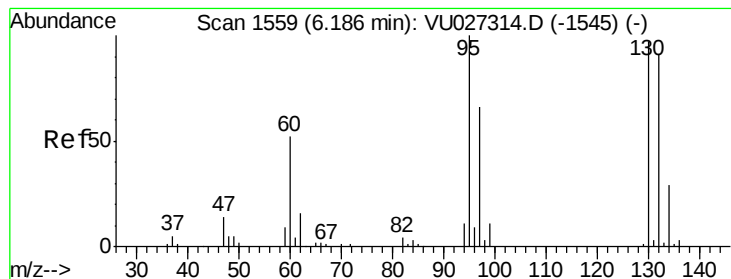
1000

500

0

Time-->





#44

Trichloroethene

Concen: 32.083 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

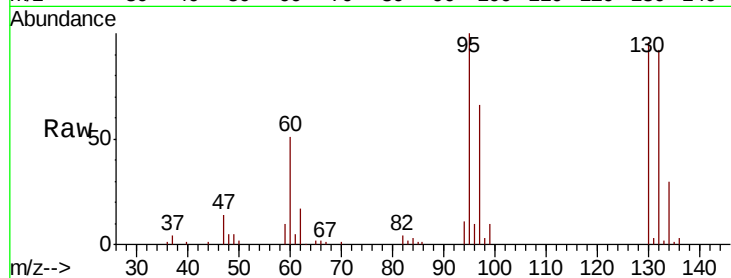
PT-VOA-WPDL

Tot Ion:130 Resp: 45807

Ion Ratio Lower Upper

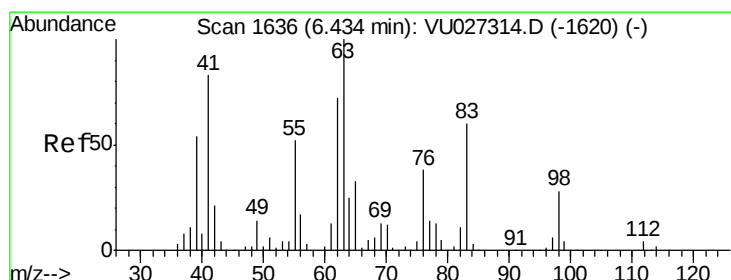
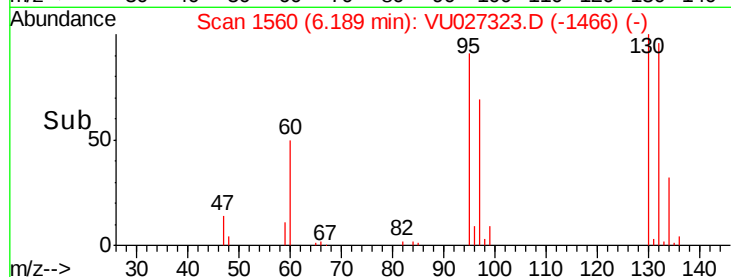
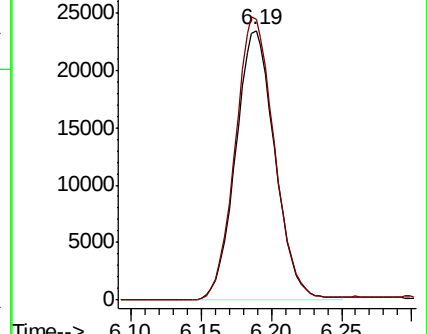
130 100

95 104.2 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027314.D (-1545) (-)



#45

1,2-Dichloropropane

Concen: 42.292 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027323.D

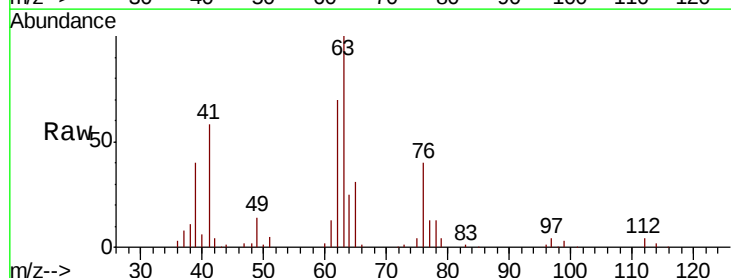
Acq: 01 Oct 2018 17:13

Tgt Ion: 63 Resp: 78106

Ion Ratio Lower Upper

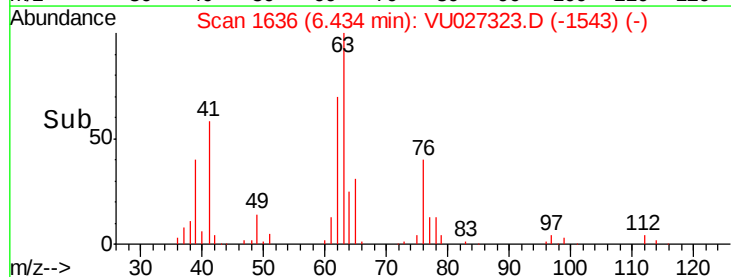
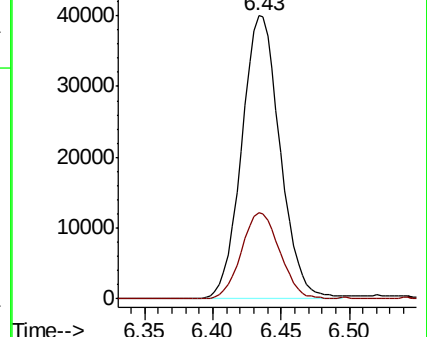
63 100

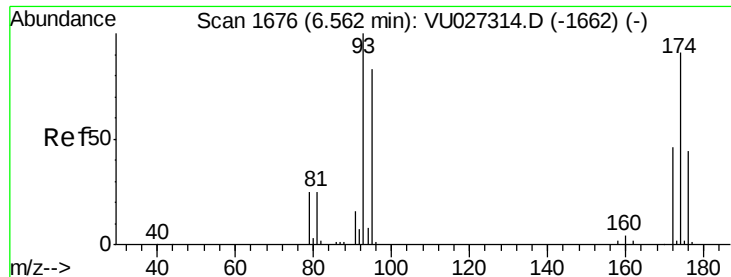
65 30.6 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU027314.D (-1620) (-)

Ion 64.90 (64.60 to 65.60): VU027314.D (-1620) (-)

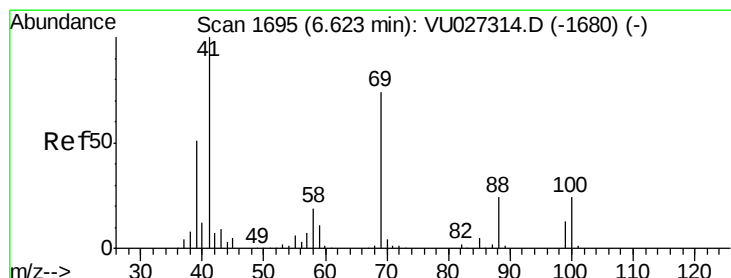
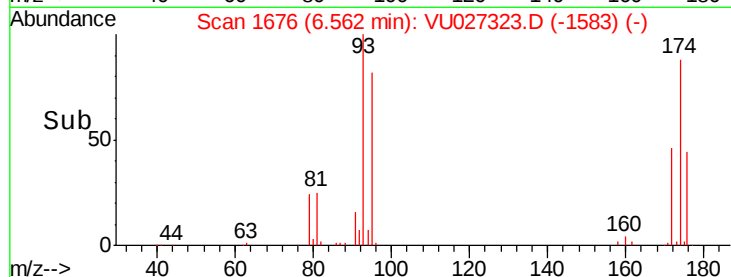
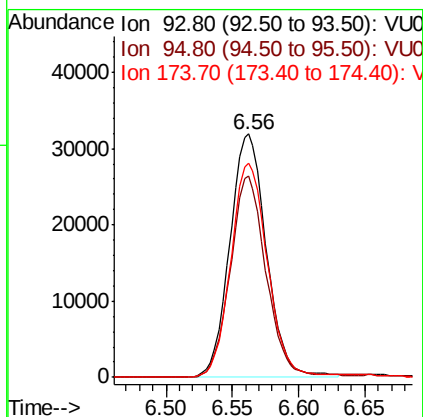
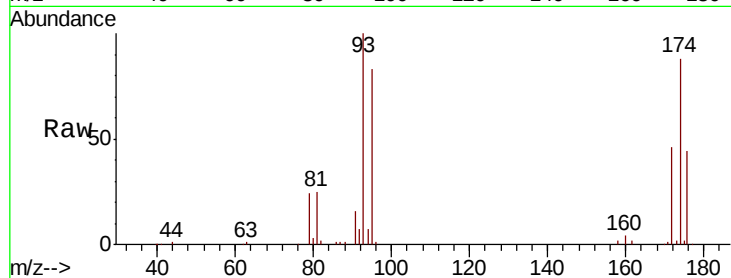




#46
Dibromomethane
Concen: 58.664 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

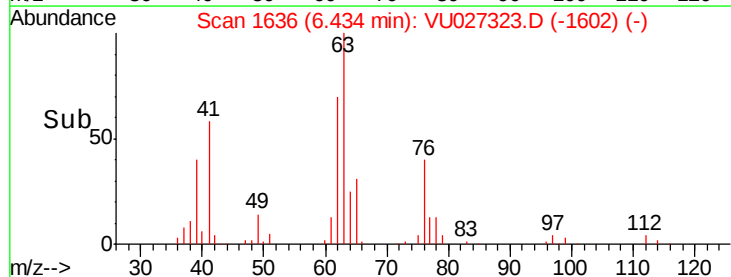
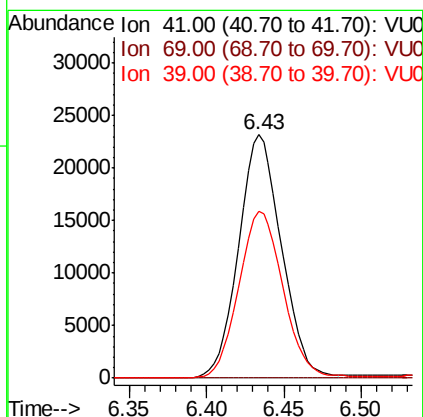
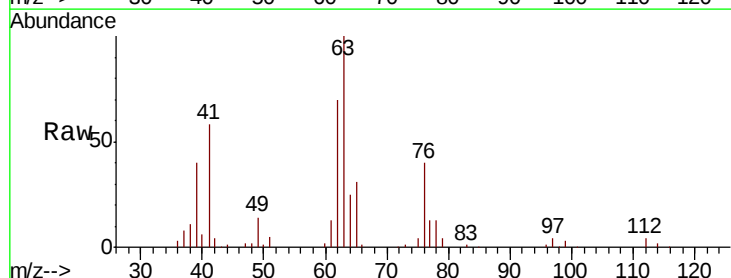
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

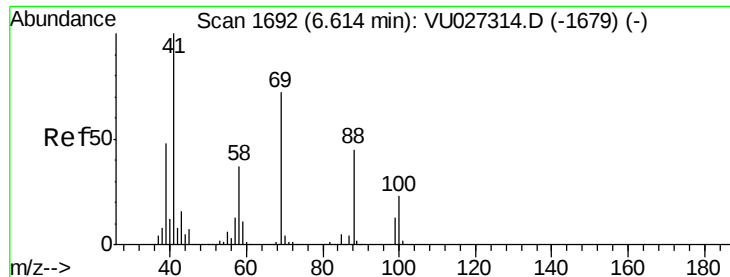
Tot Ion: 93 Resp: 61190
Ion Ratio Lower Upper
93 100
95 80.6 66.5 99.7
174 88.3 72.5 108.7



#48
Methyl methacrylate
Concen: 20.328 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. -0.19 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 41 Resp: 44602
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 71.0 39.9 59.9#

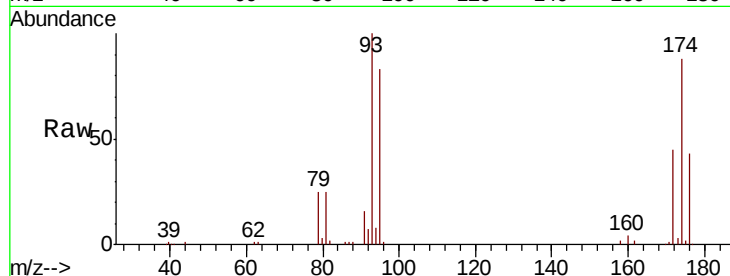




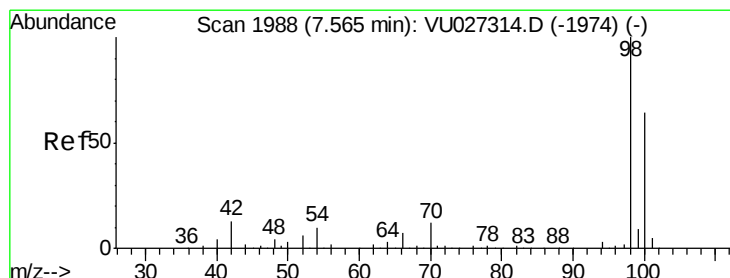
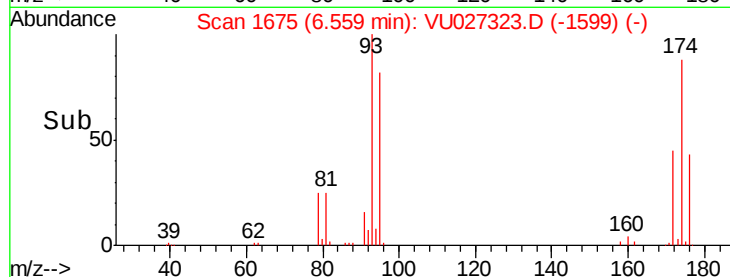
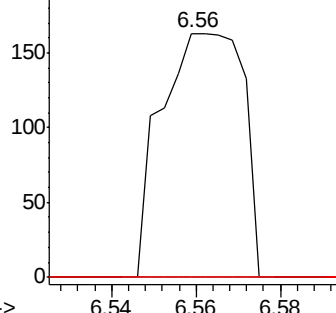
#49
1,4-Dioxane
Concen: 5.801 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.05 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
43 0.0 30.8 46.2#
58 0.0 67.0 100.6#

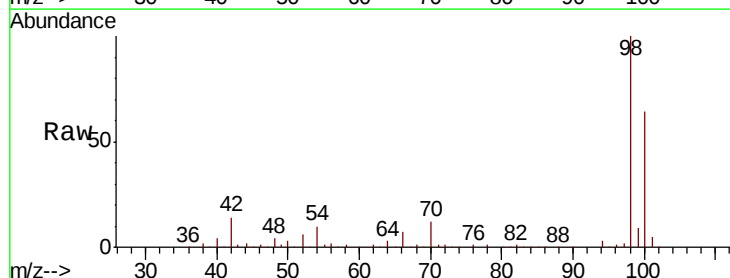


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

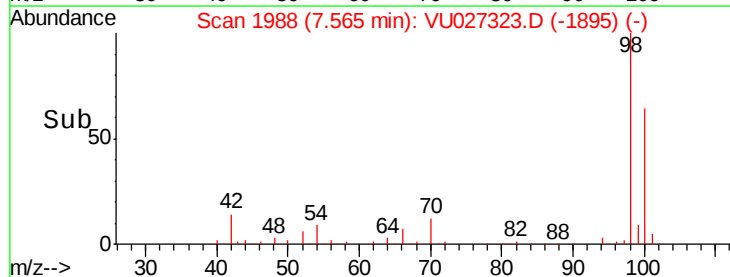
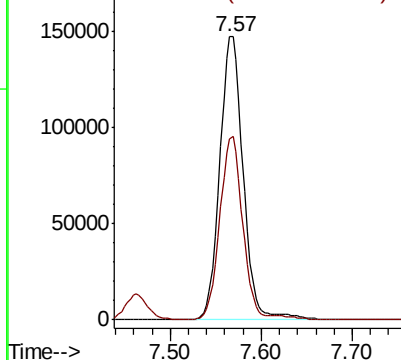


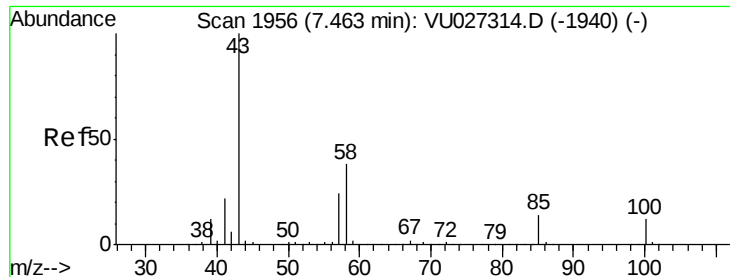
#50
Toluene-d8
Concen: 50.826 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 98 Resp: 263931
Ion Ratio Lower Upper
98 100
100 62.2 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 69.086 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

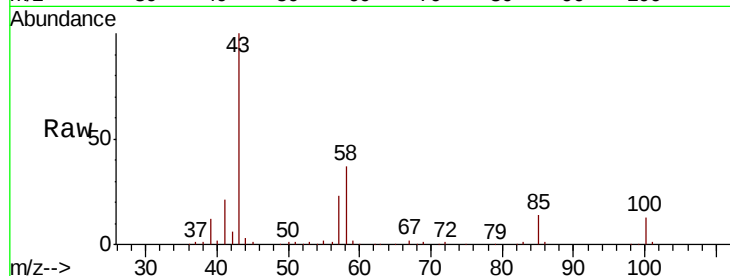
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion: 43 Resp: 198079

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

120000

100000

80000

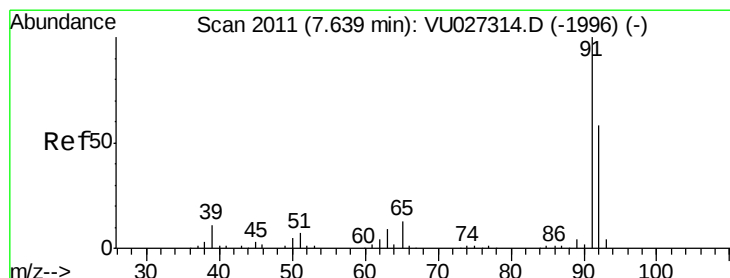
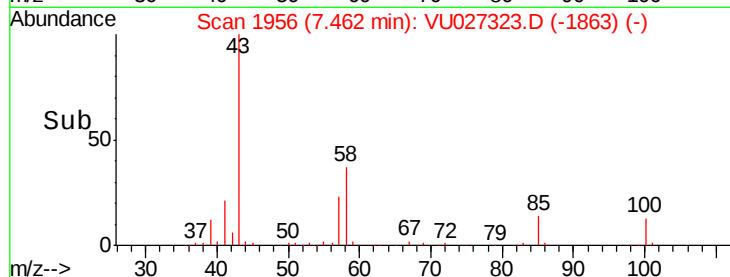
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 24.431 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027323.D

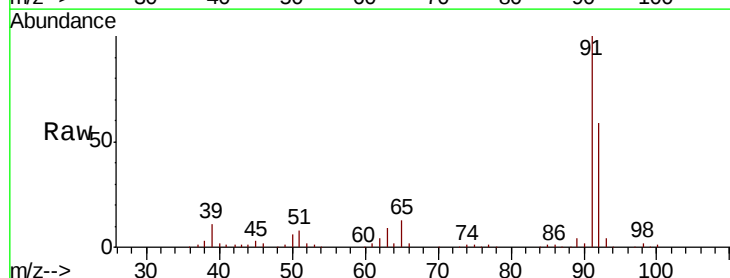
Acq: 01 Oct 2018 17:13

Tgt Ion: 92 Resp: 92591

Ion Ratio Lower Upper

92 100

91 170.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

7.64

100000

80000

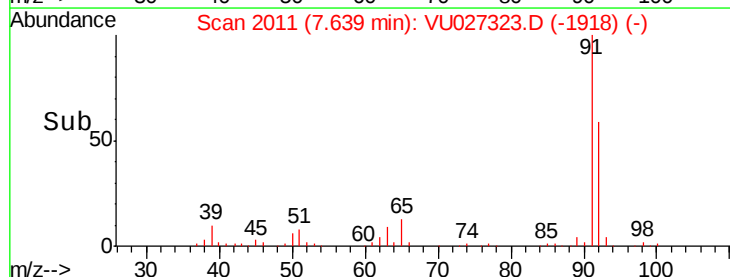
60000

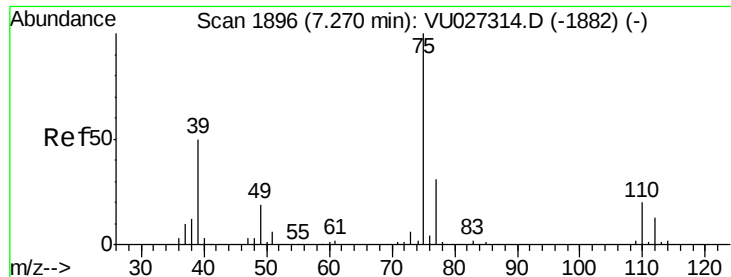
40000

20000

0

Time-->



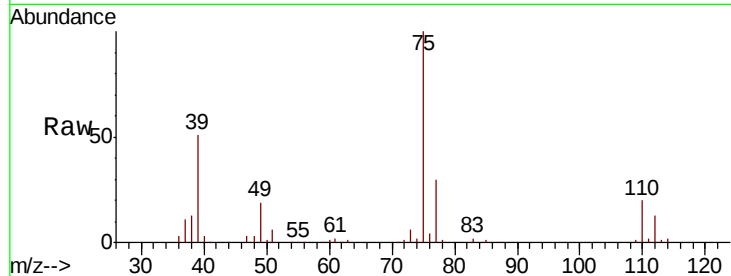


#54

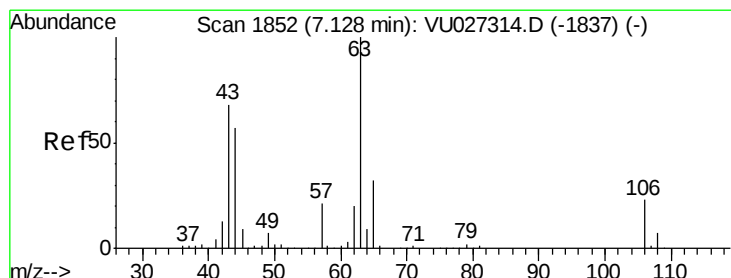
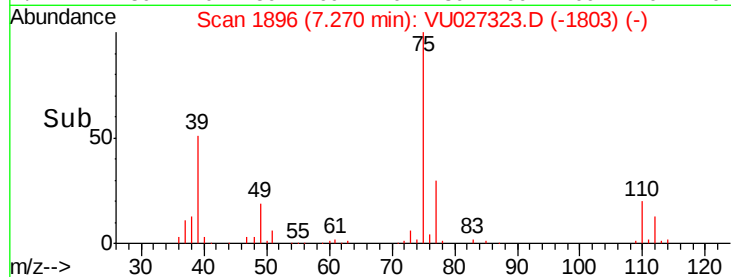
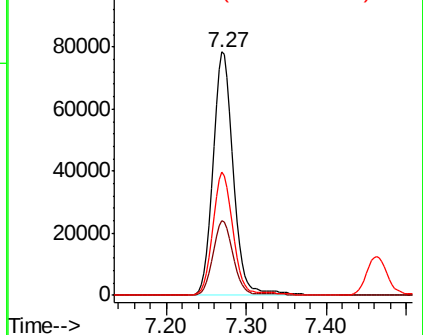
cis-1,3-Dichloropropene
 Concen: 50.916 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

Tot Ion: 75 Resp: 138901
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.5 36.7
 39 50.5 40.1 60.1



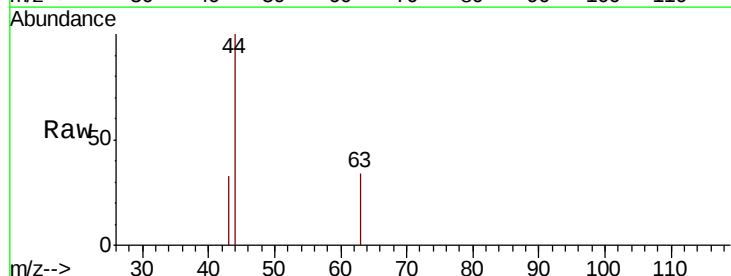
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0



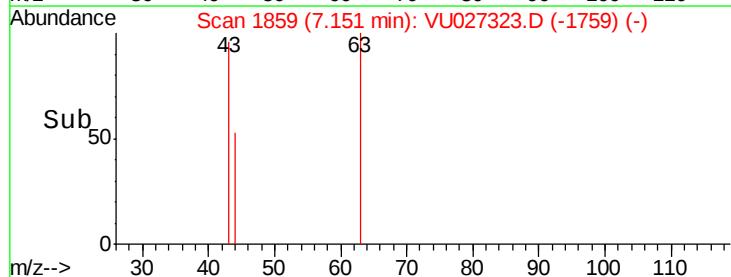
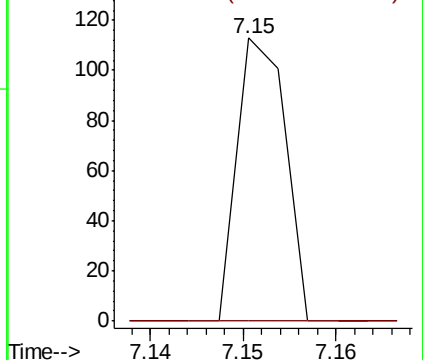
#58

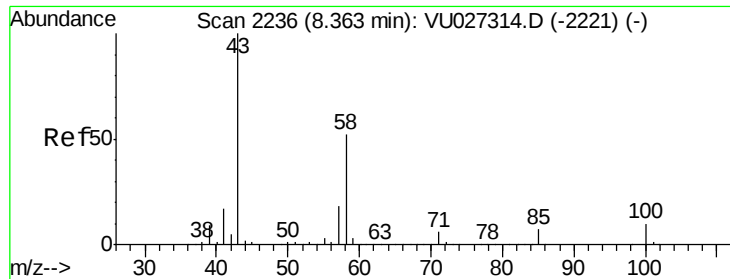
2-Chloroethyl Vinyl ether
 Concen: 8.255 ug/l
 RT: 7.15 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 63 Resp: 41
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.5 27.7#



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

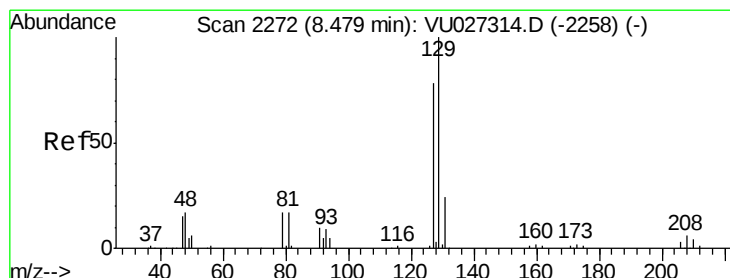
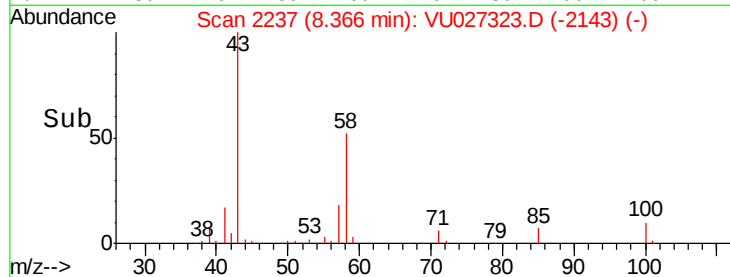
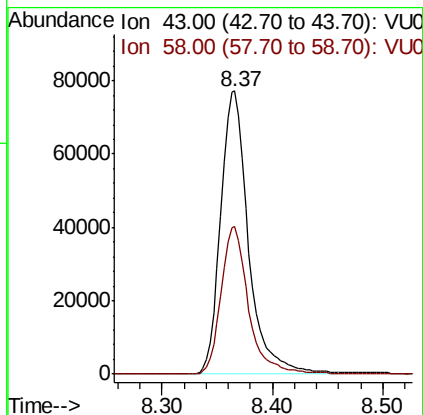
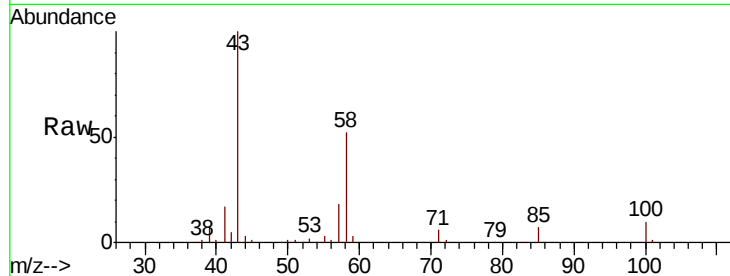




#59
2-Hexanone
Concen: 60.878 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

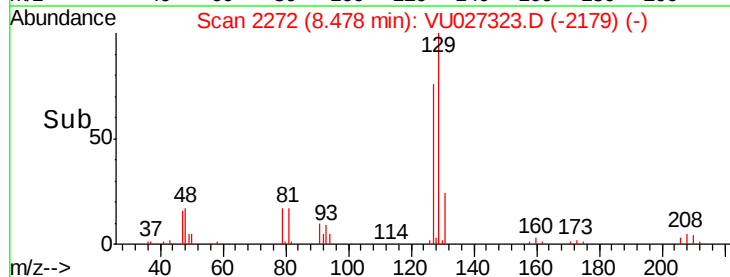
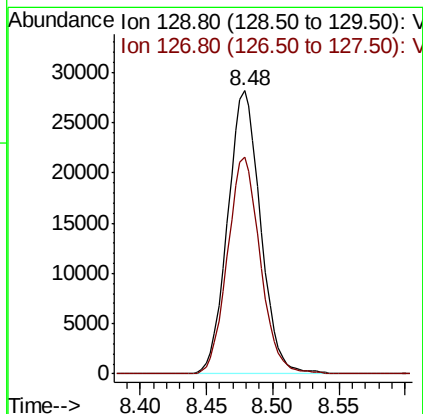
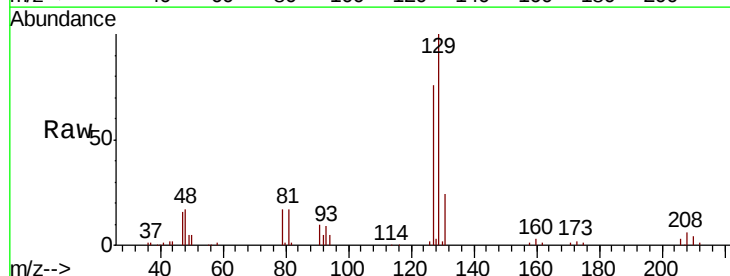
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

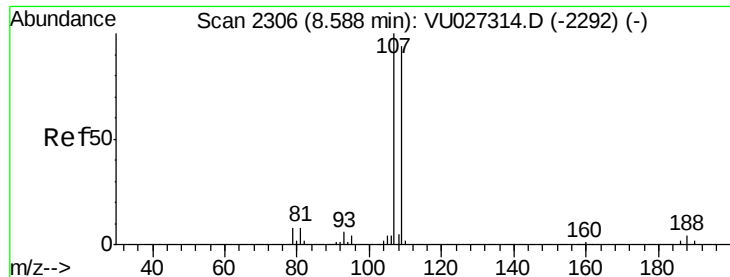
Tot Ion: 43 Resp: 135398
Ion Ratio Lower Upper
43 100
58 51.4 26.1 78.3



#60
Dibromochloromethane
Concen: 32.234 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 129 Resp: 48579
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2

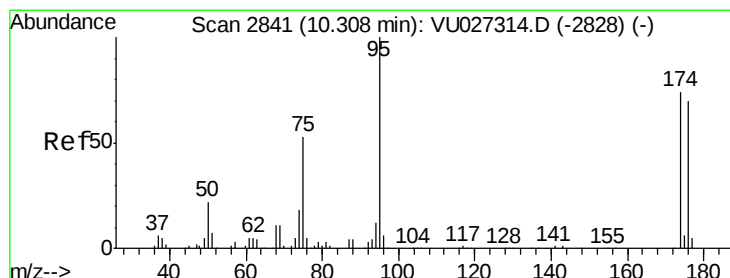
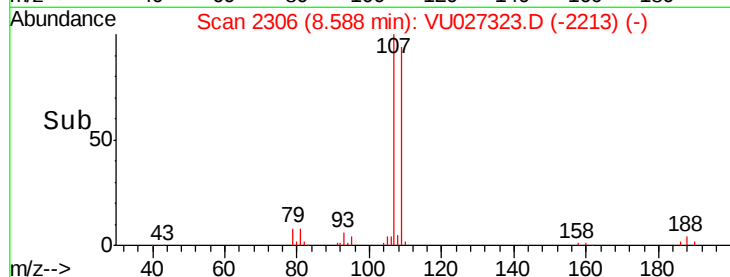
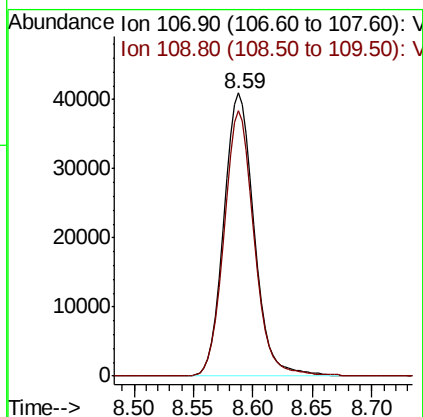
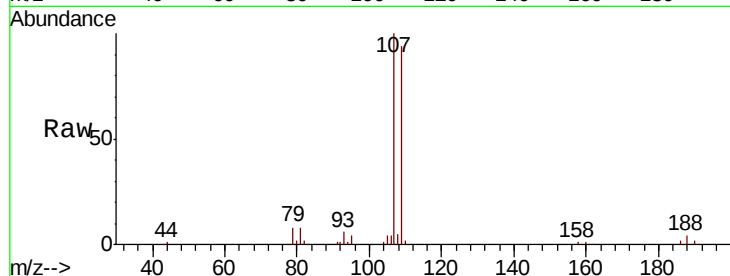




#61
 1,2-Dibromoethane
 Concen: 45.223 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

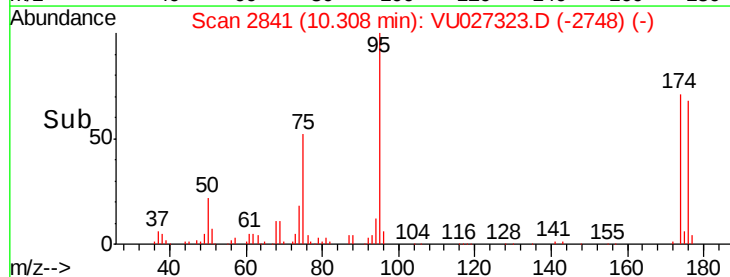
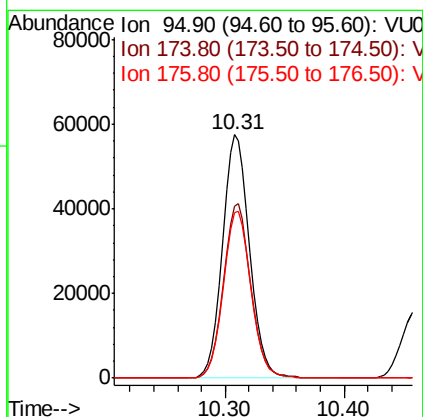
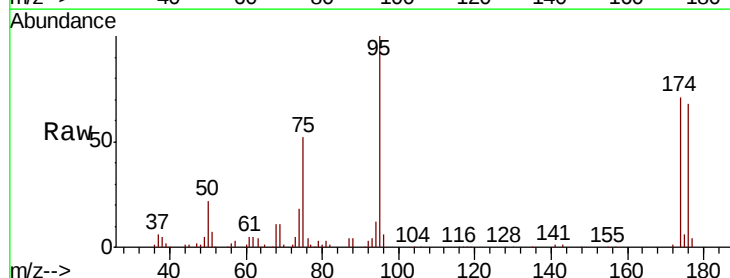
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

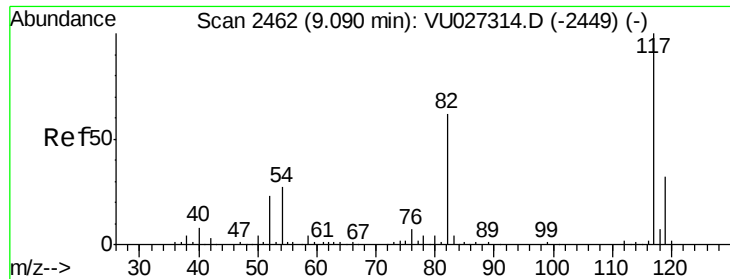
Tot Ion:107 Resp: 72249
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 46.862 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 95 Resp: 90436
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 147.8
 176 70.1 0.0 140.8

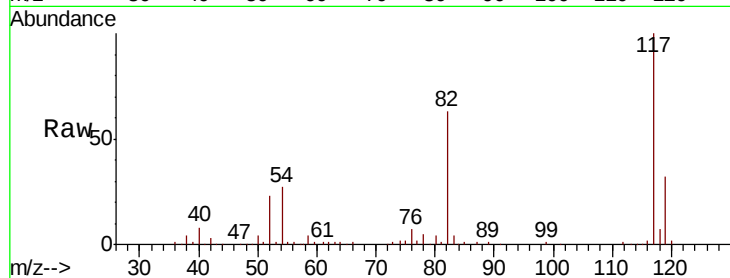




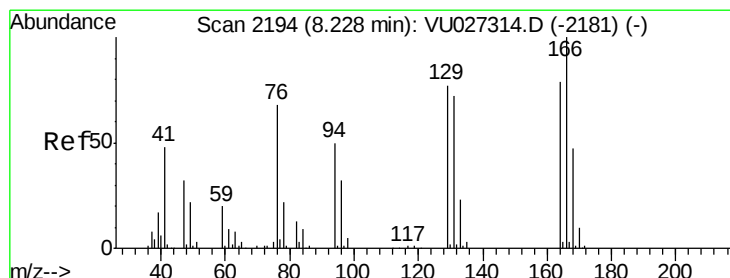
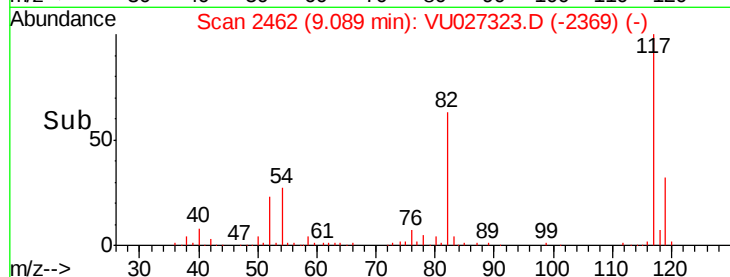
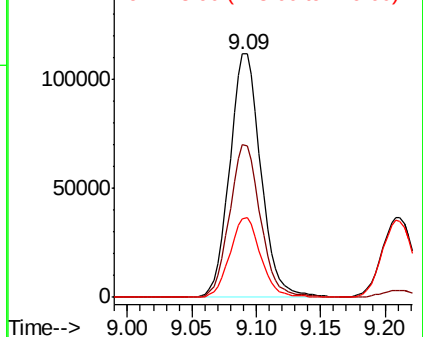
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion:117 Resp: 187757
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 32.3 25.7 38.5



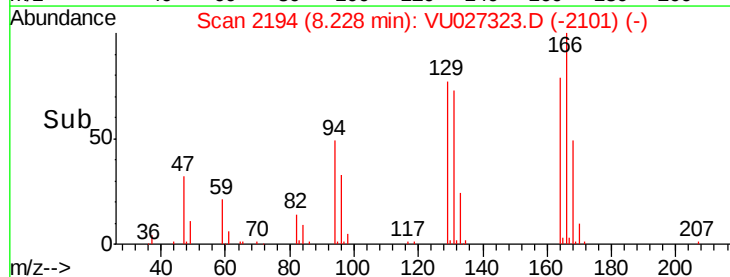
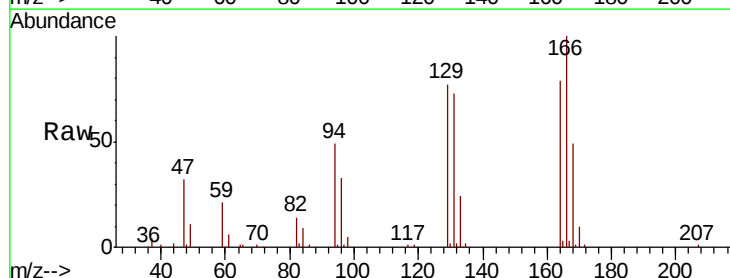
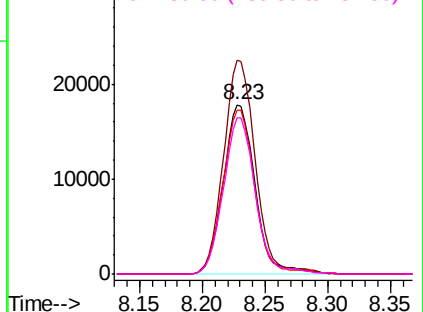
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

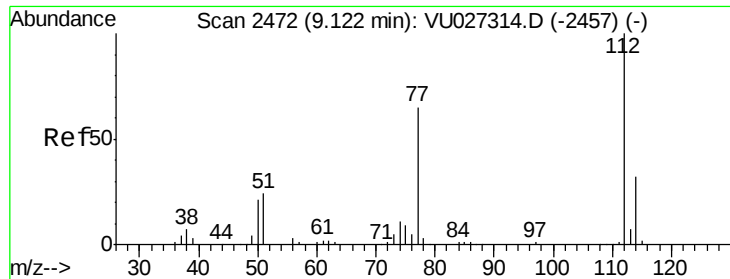


#64
Tetrachloroethene
Concen: 26.850 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:164 Resp: 31383
Ion Ratio Lower Upper
164 100
166 126.1 101.0 151.6
129 96.7 78.0 117.0
131 92.2 72.6 109.0

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

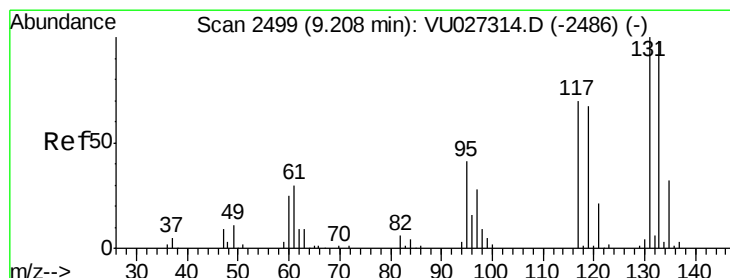
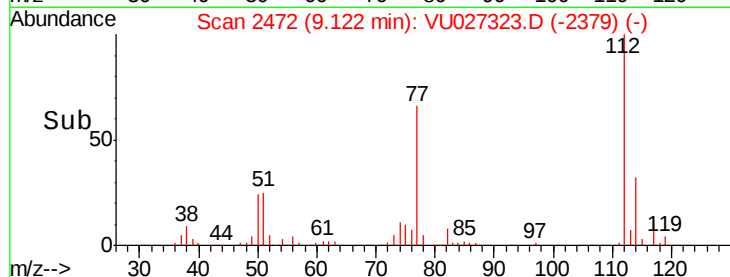
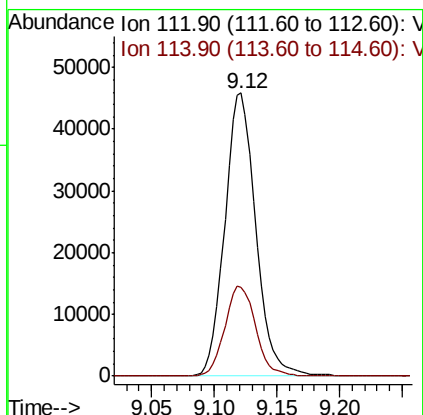
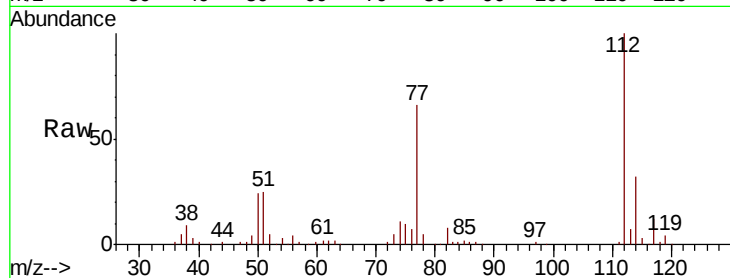




#65
Chlorobenzene
Concen: 19.939 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

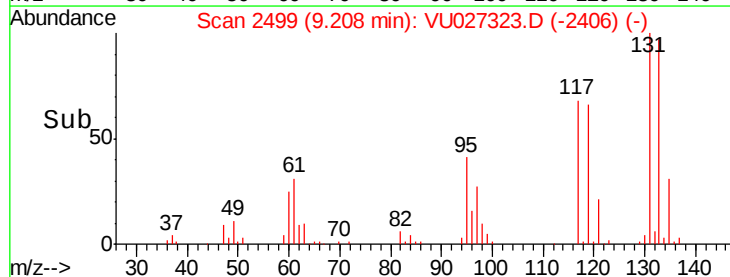
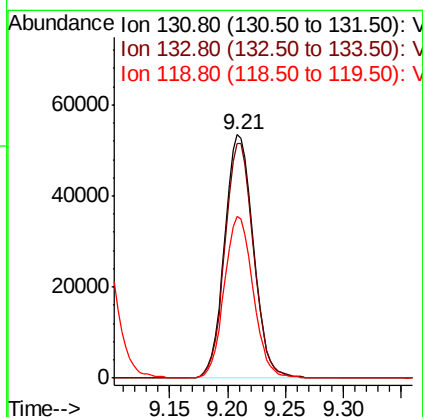
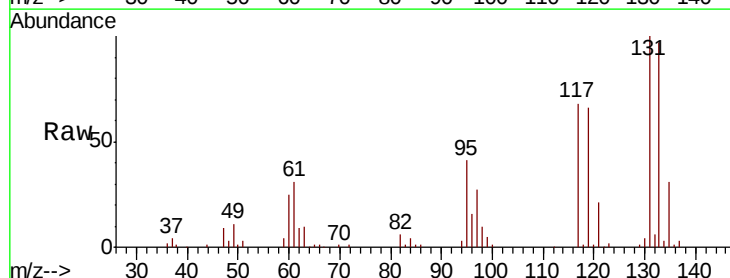
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

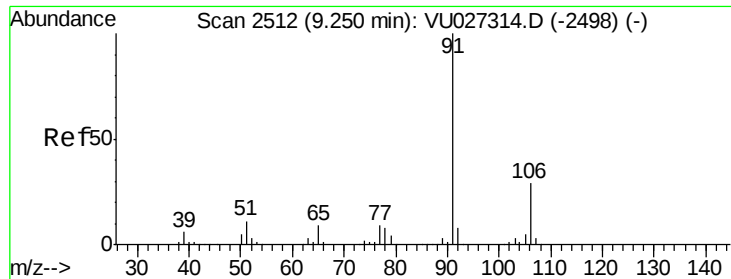
Tot Ion:112 Resp: 78800
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 67.253 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:131 Resp: 91756
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.6
119 66.5 33.5 100.4

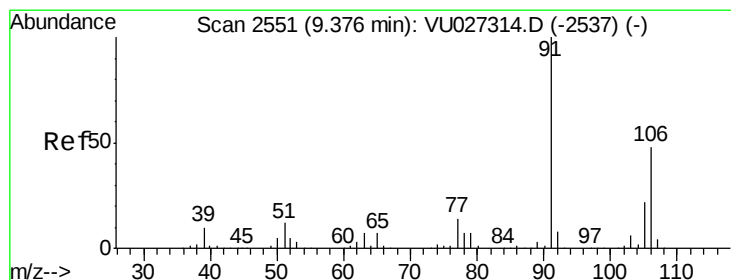
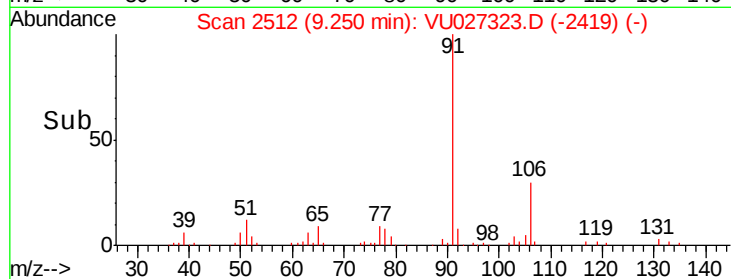
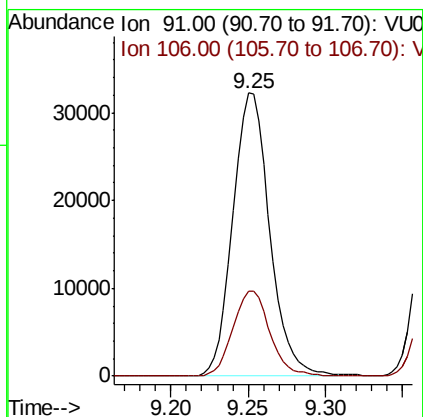
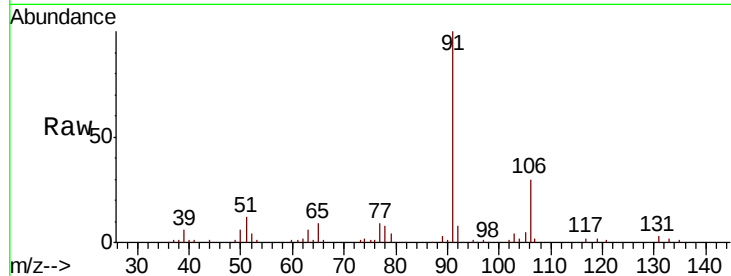




#67
Ethyl Benzene
Concen: 7.624 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

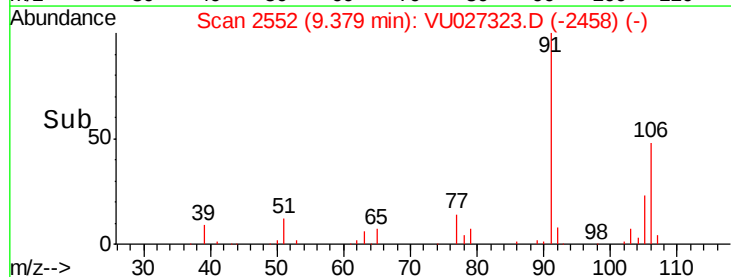
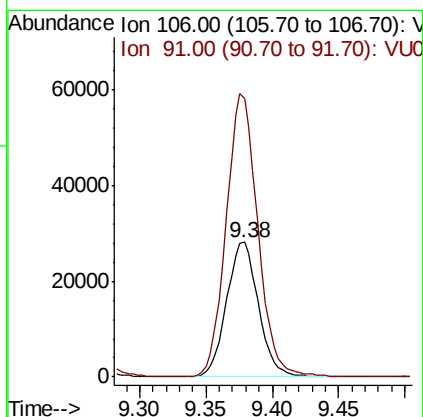
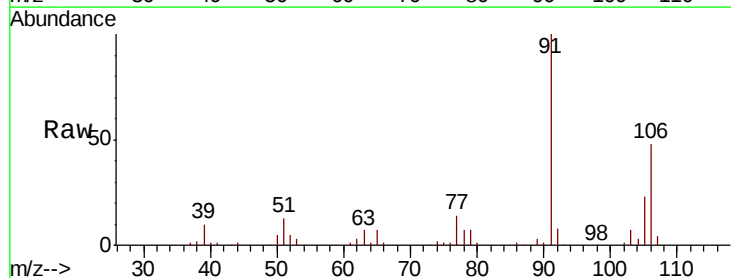
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

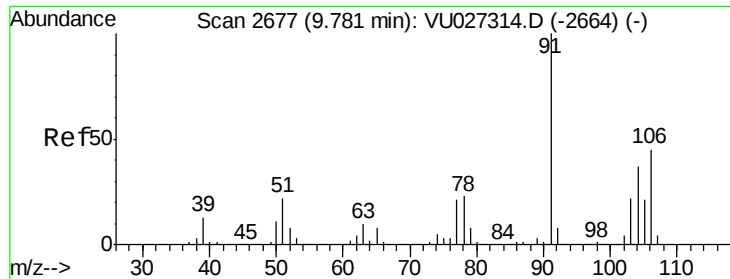
Tot Ion: 91 Resp: 53386
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 18.440 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 106 Resp: 47229
Ion Ratio Lower Upper
106 100
91 208.2 168.1 252.1

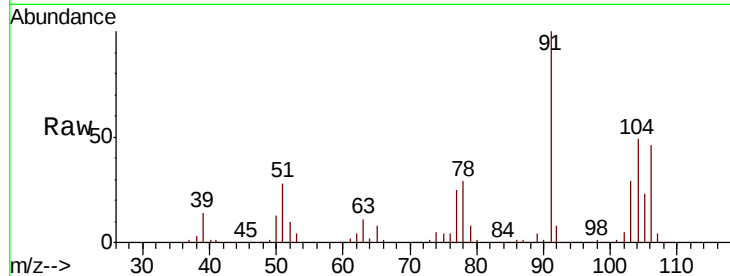




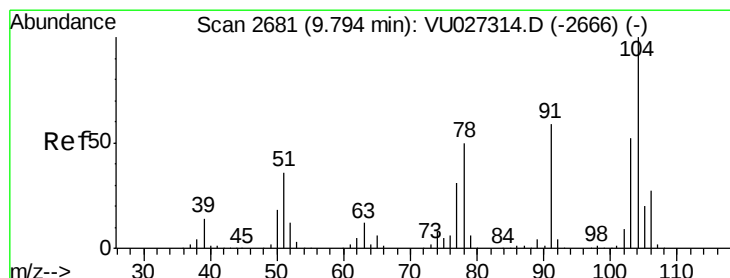
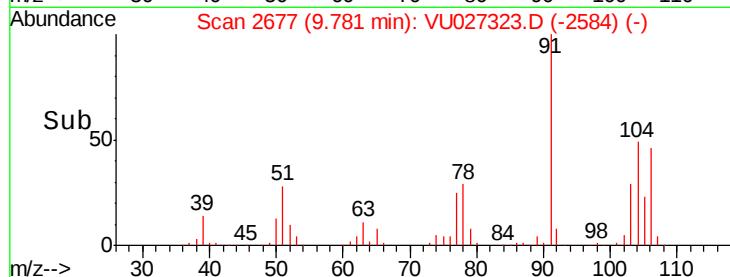
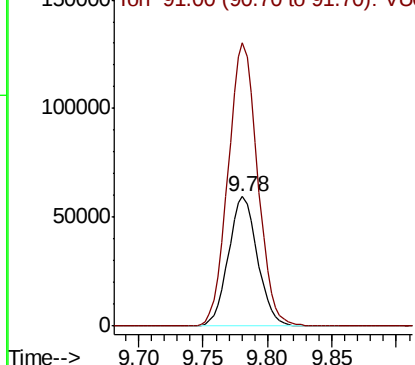
#69
o-Xylene
Concen: 38.359 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion:106 Resp: 93363
Ion Ratio Lower Upper
106 100
91 221.1 111.7 334.9

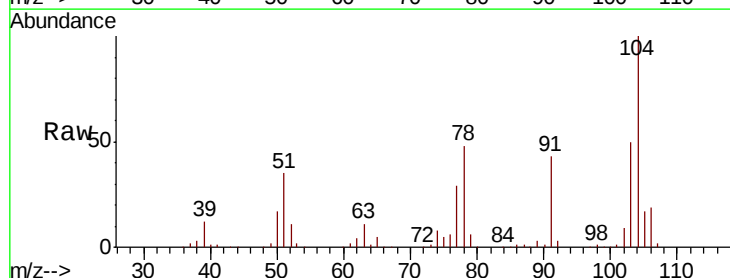


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

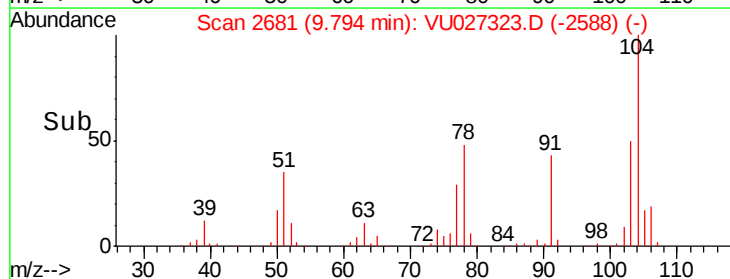
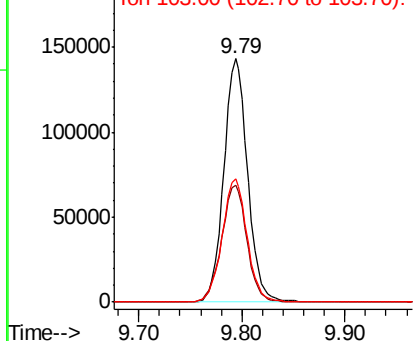


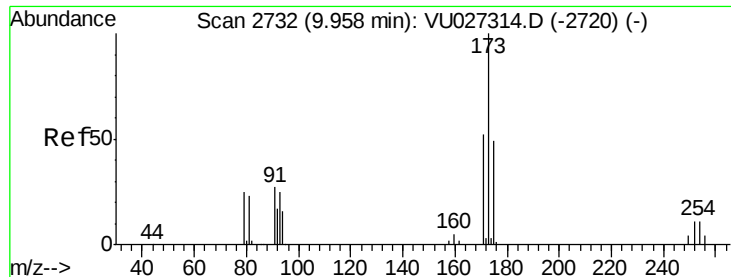
#70
Styrene
Concen: 50.461 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:104 Resp: 229683
Ion Ratio Lower Upper
104 100
78 51.3 42.9 64.3
103 53.0 43.9 65.9



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





#71

Bromoform

Concen: 42.509 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

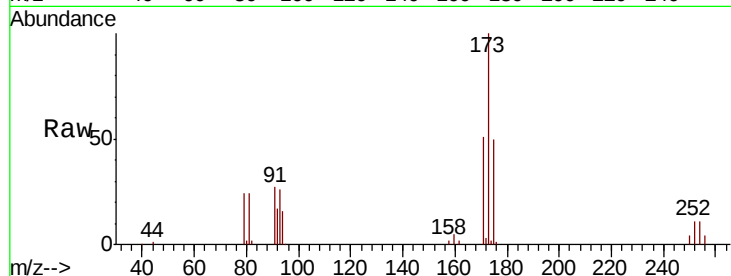
Tot Ion:173 Resp: 46662

Ion Ratio Lower Upper

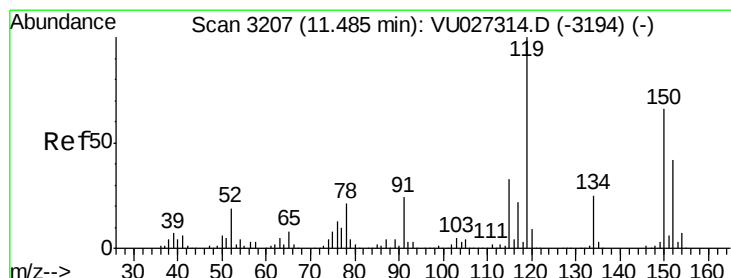
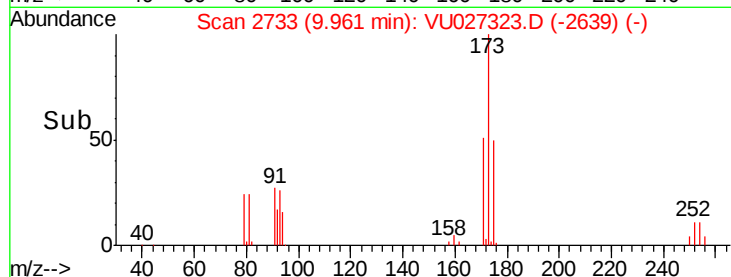
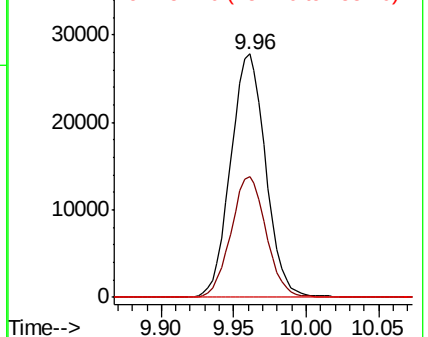
173 100

175 49.7 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

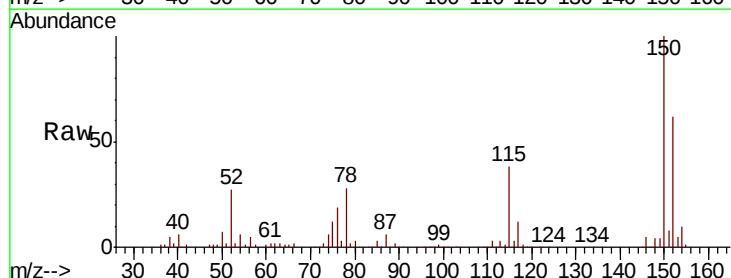
Tgt Ion:152 Resp: 88977

Ion Ratio Lower Upper

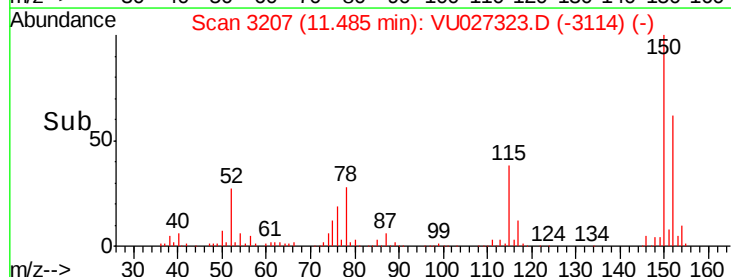
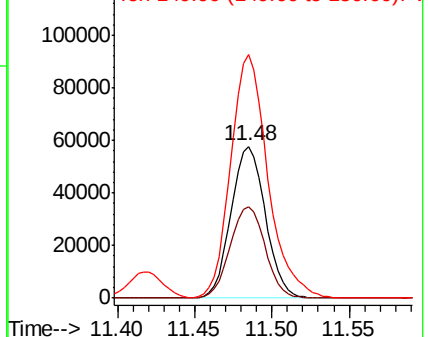
152 100

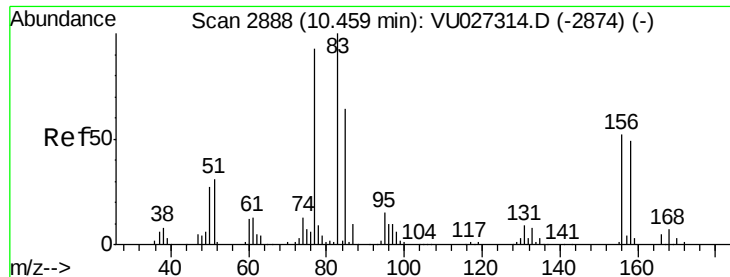
115 61.3 43.4 130.2

150 173.3 0.0 349.2



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





#75

1,1,2,2-Tetrachloroethane

Concen: 67.794 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

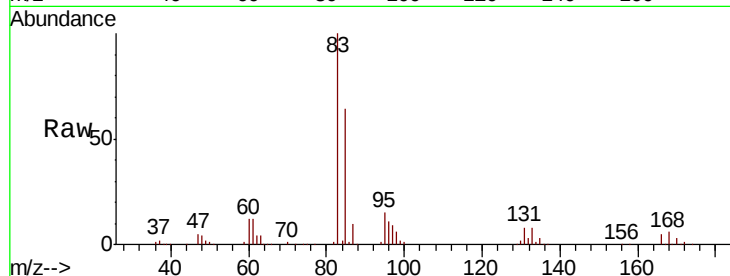
Tot Ion: 83 Resp: 172025

Ion Ratio Lower Upper

83 100

131 8.1 4.4 13.2

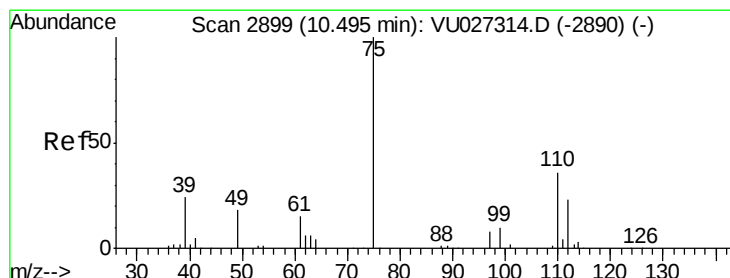
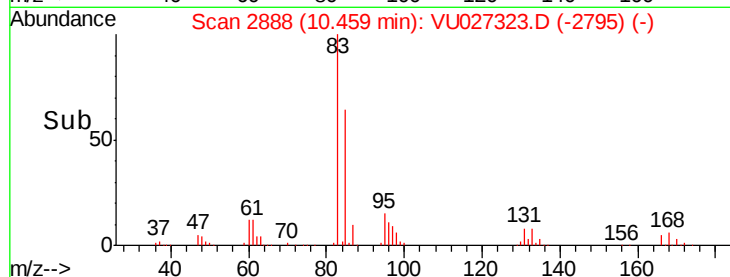
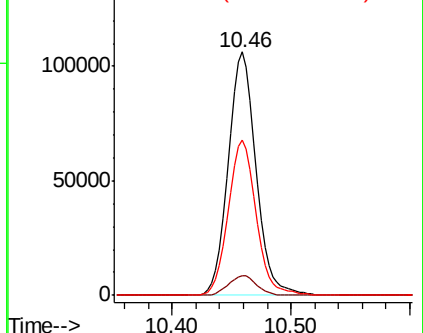
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 64.969 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027323.D

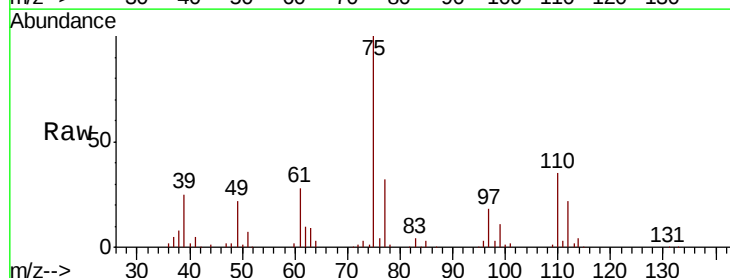
Acq: 01 Oct 2018 17:13

Tgt Ion: 75 Resp: 149851

Ion Ratio Lower Upper

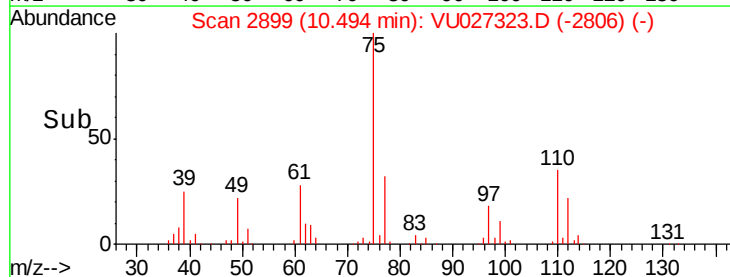
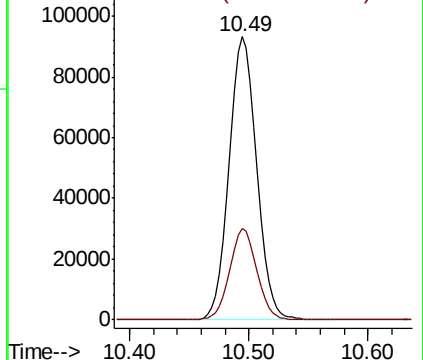
75 100

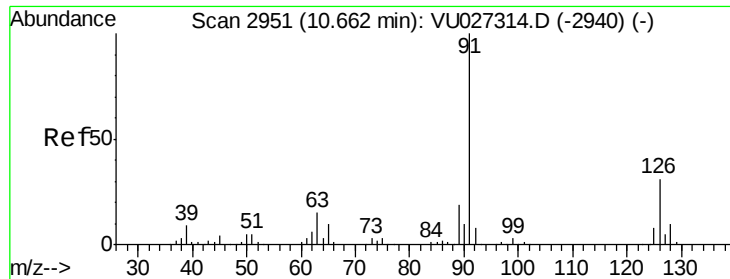
77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

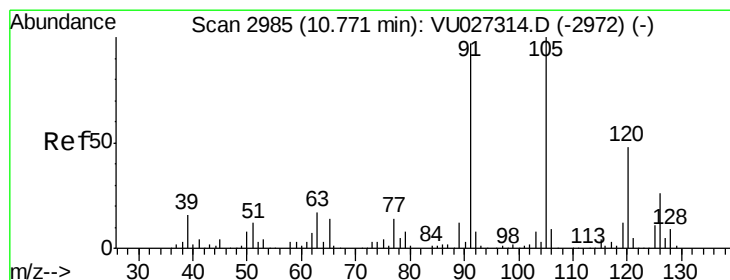
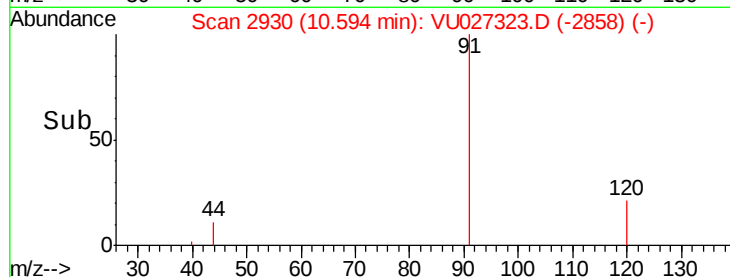
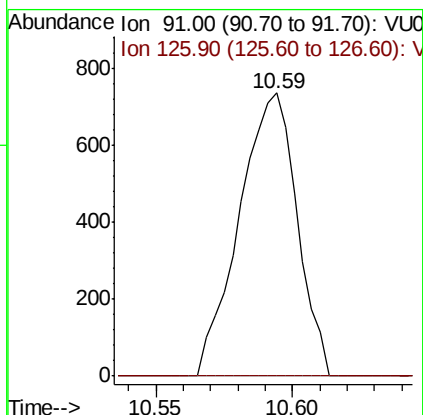
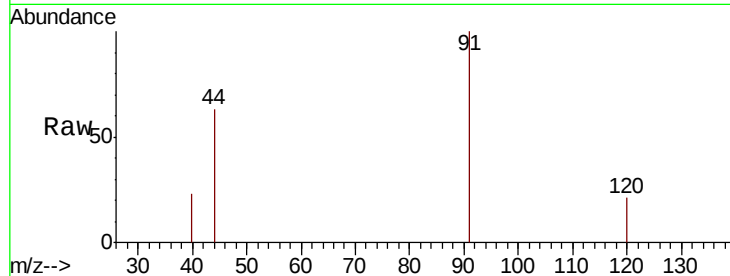




#79
 2-Chlorotoluene
 Concen: 0.231 ug/l
 RT: 10.59 min Scan# 2930
 Delta R.T. -0.07 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

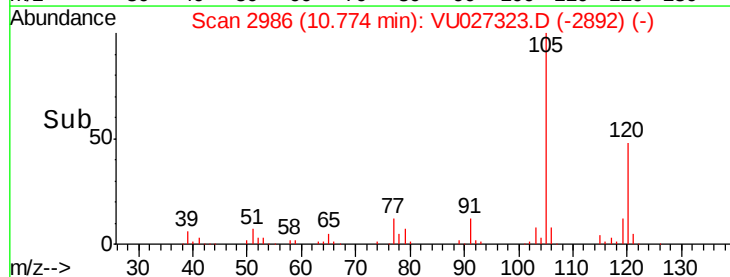
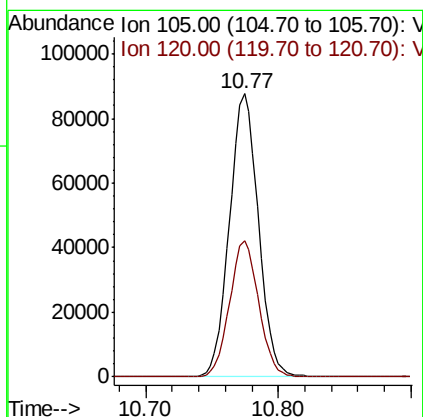
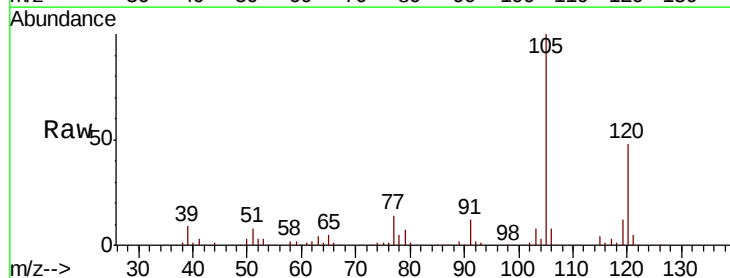
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

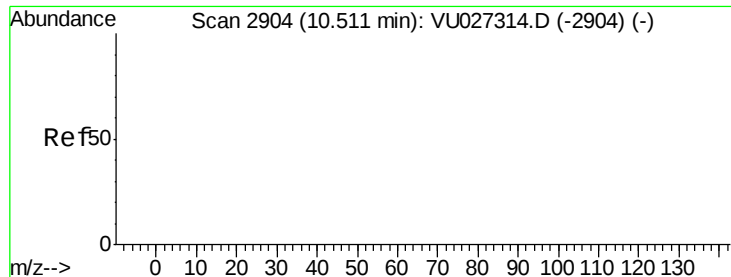
Tot Ion: 91 Resp: 1083
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 25.294 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Tgt Ion: 105 Resp: 133080
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4

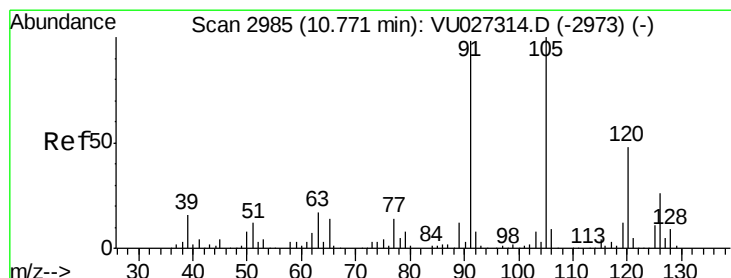
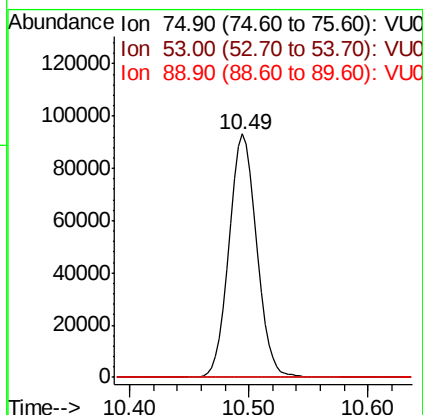
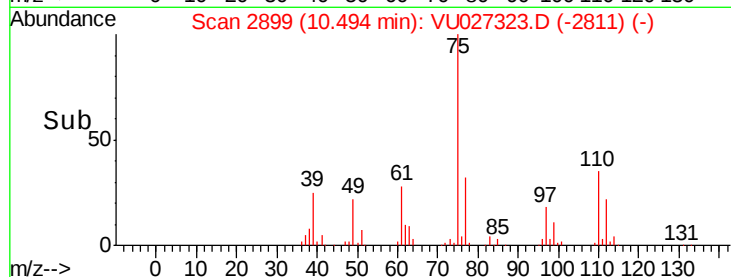
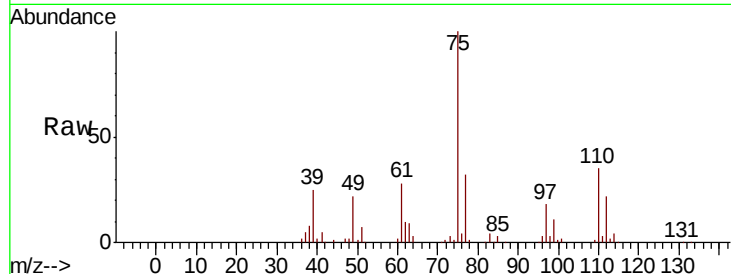




#81
trans-1,4-Dichloro-2-butene
Concen: 170.032 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

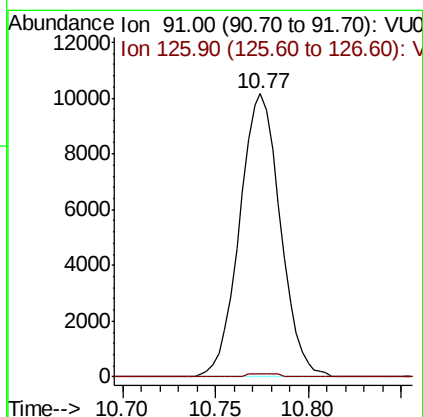
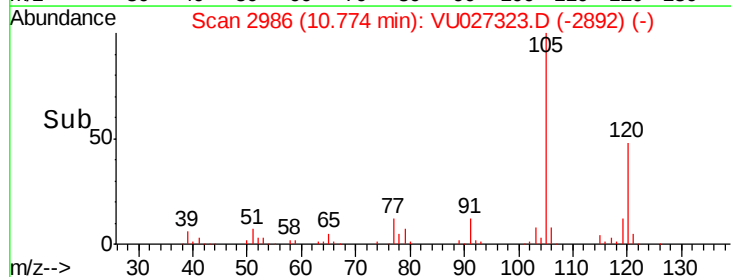
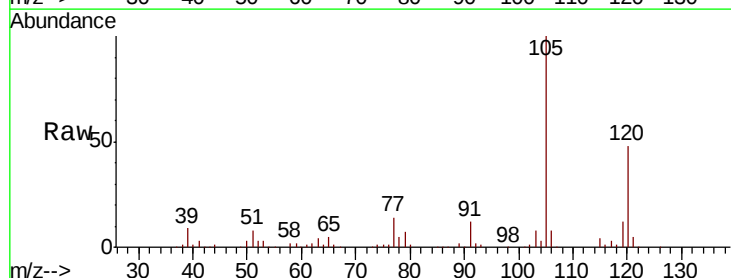
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

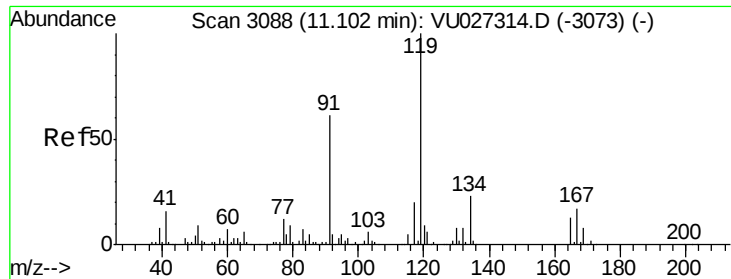
Tot Ion: 75 Resp: 149851
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 2.906 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion: 91 Resp: 15460
Ion Ratio Lower Upper
91 100
126 0.9 13.6 40.8#

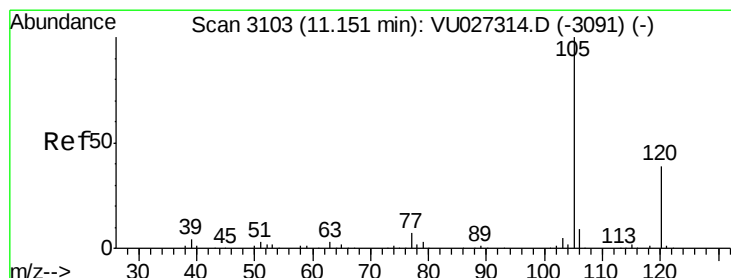
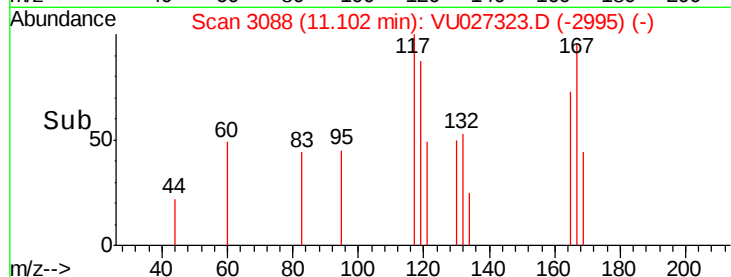
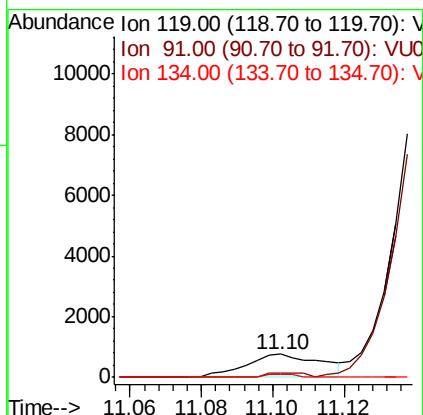
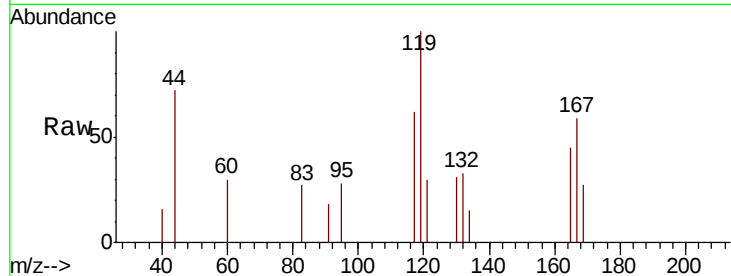




#83
tert-Butylbenzene
Concen: 0.218 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

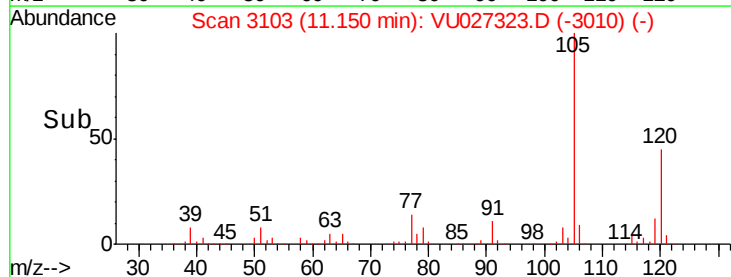
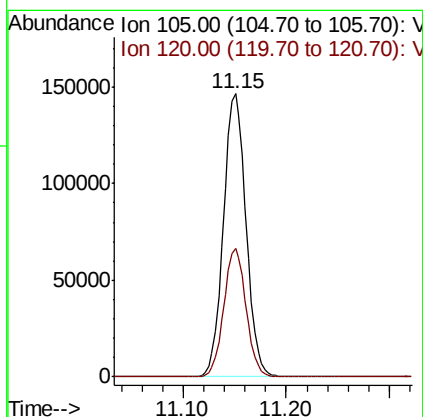
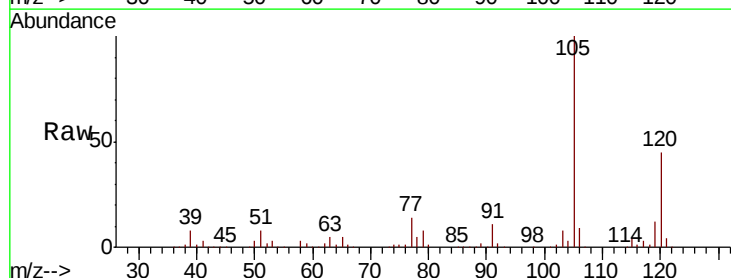
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

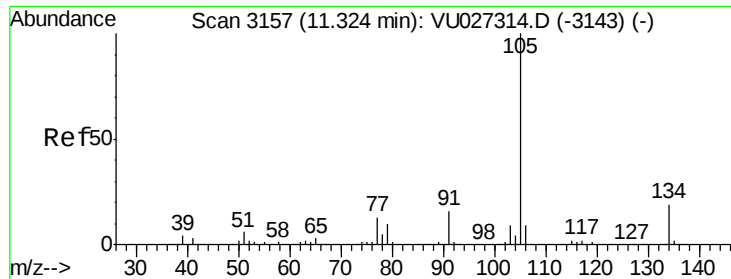
Tot Ion:119 Resp: 1111
Ion Ratio Lower Upper
119 100
91 0.0 30.3 91.0#
134 5.7 11.5 34.4#



#84
1,2,4-Trimethylbenzene
Concen: 41.603 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:105 Resp: 223591
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 34.890 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. -0.17 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

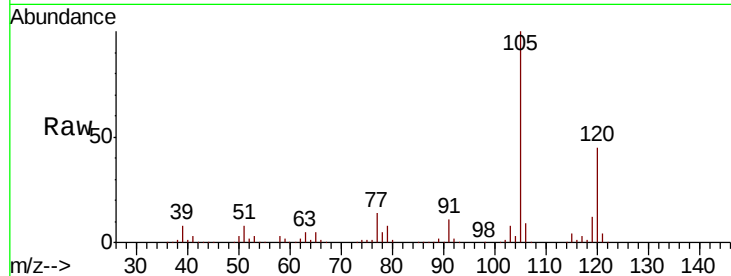
PT-VOA-WPDL

Tot Ion:105 Resp: 223591

Ion Ratio Lower Upper

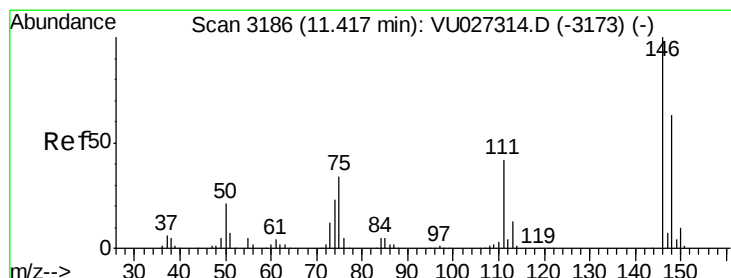
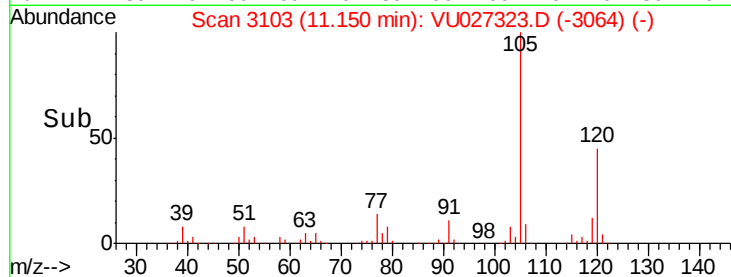
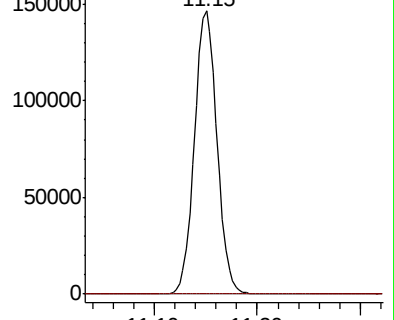
105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 54.720 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

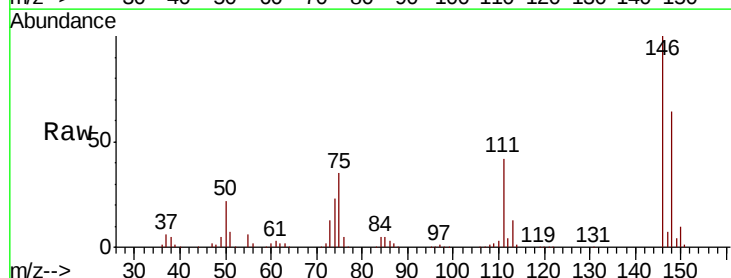
Tgt Ion:146 Resp: 155614

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

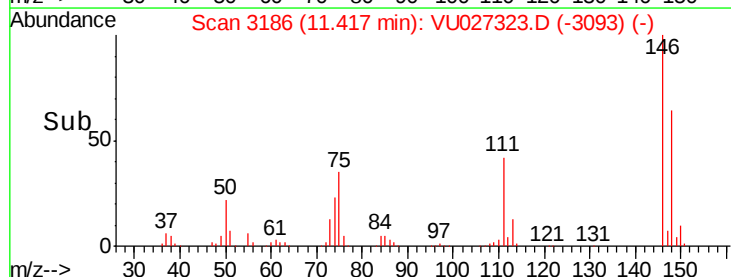
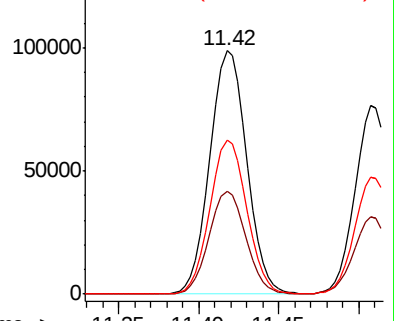
148 63.2 31.6 94.8

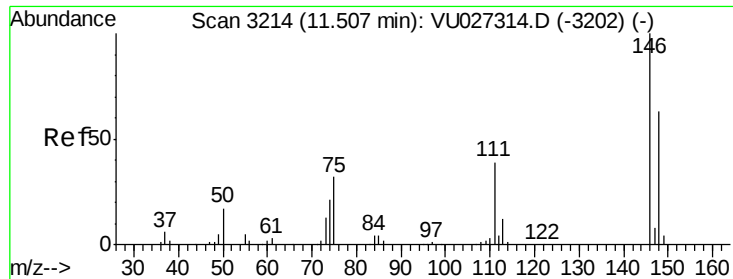


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 41.220 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

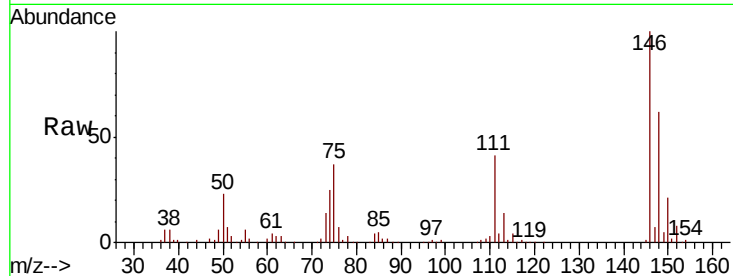
Tot Ion:146 Resp: 119787

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

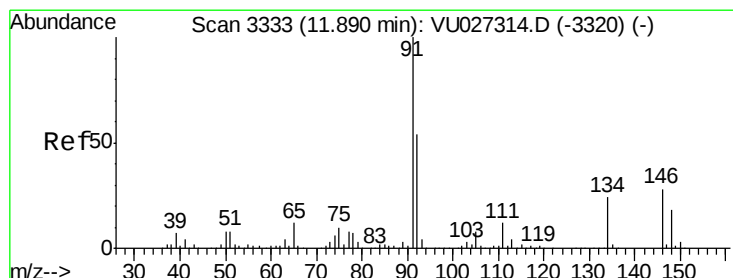
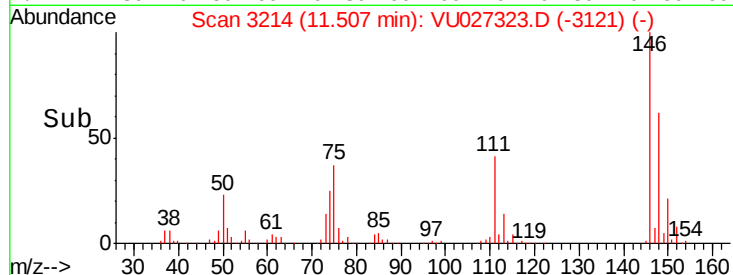
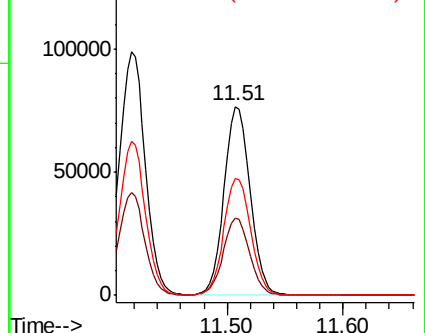
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.203 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

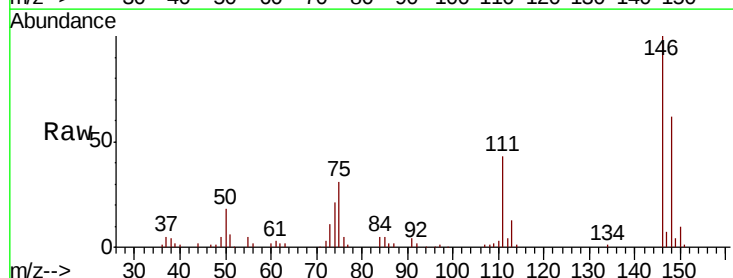
Tgt Ion: 91 Resp: 1535

Ion Ratio Lower Upper

91 100

92 45.6 27.0 81.0

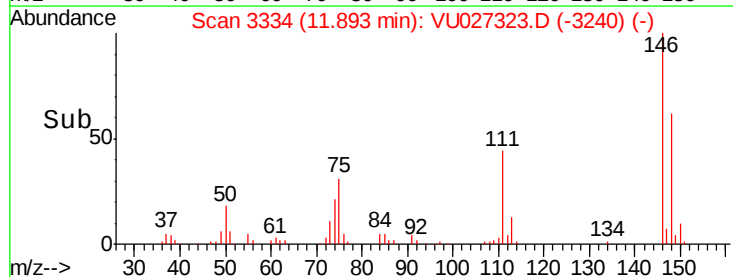
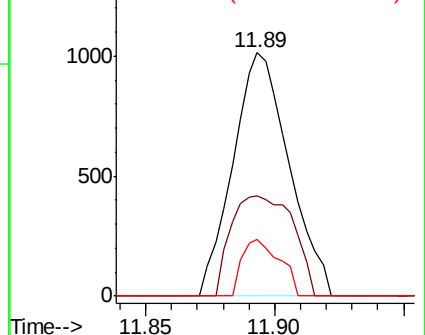
134 15.6 11.7 35.1

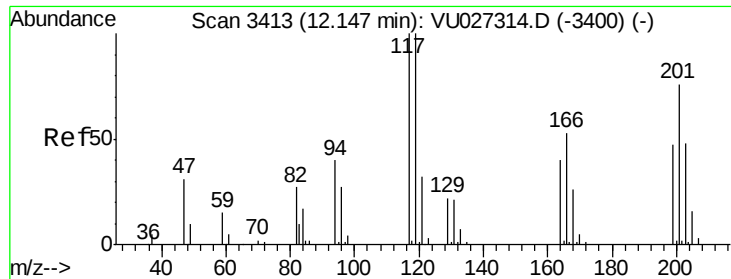


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

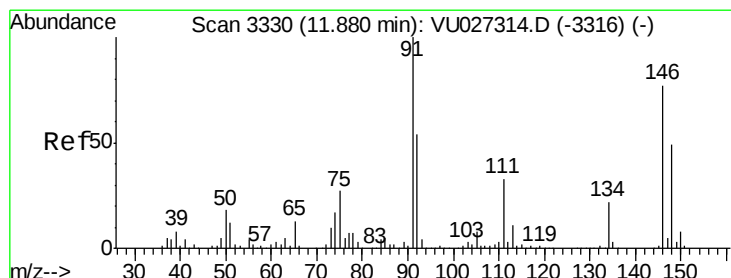
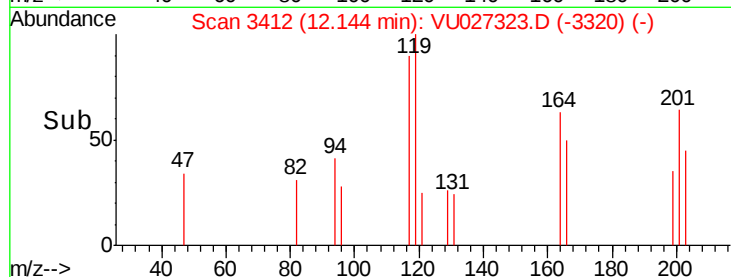
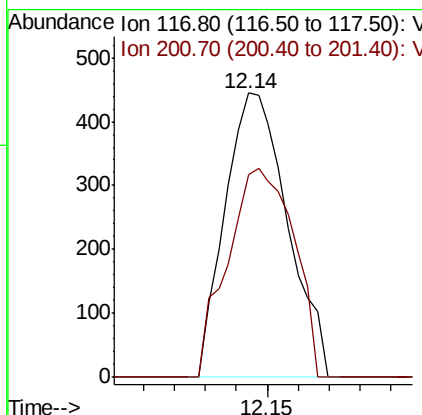
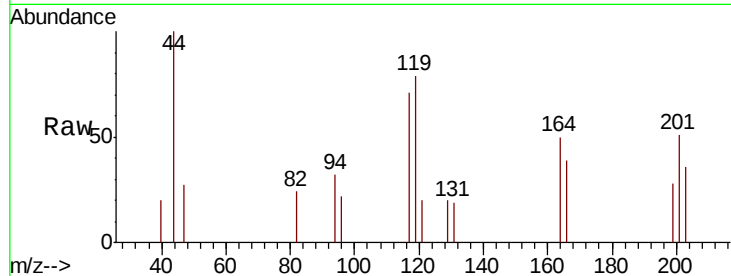




#90
Hexachloroethane
Concen: 0.602 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

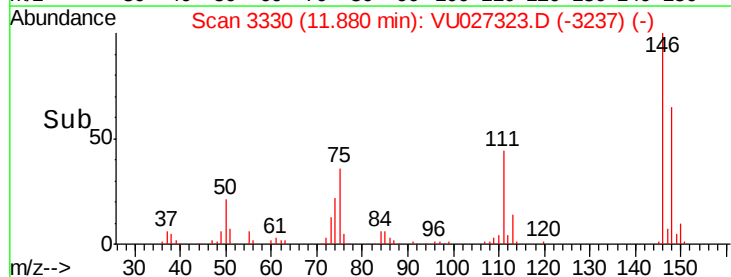
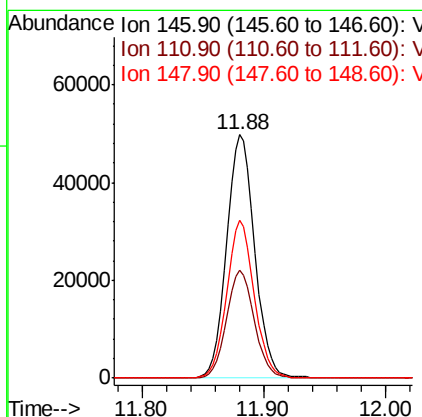
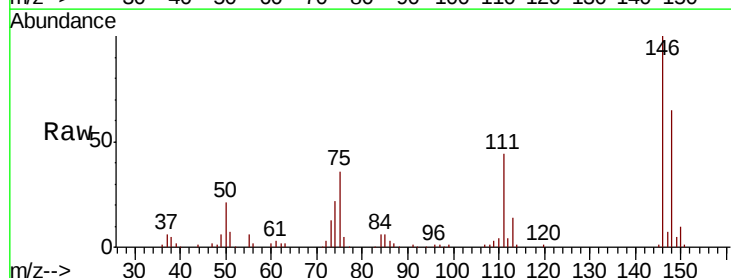
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

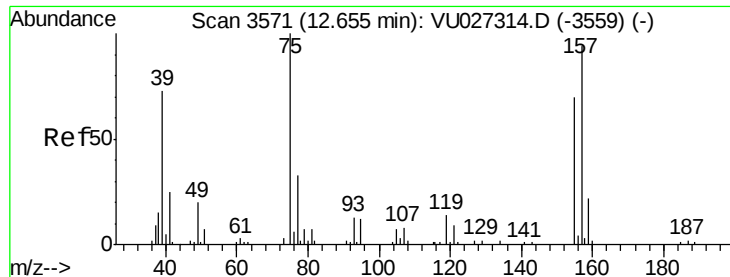
Tot Ion:117 Resp: 623
Ion Ratio Lower Upper
117 100
201 77.8 37.9 113.6



#91
1,2-Dichlorobenzene
Concen: 29.015 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:146 Resp: 80317
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.4
148 63.1 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 38.281 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WPDL

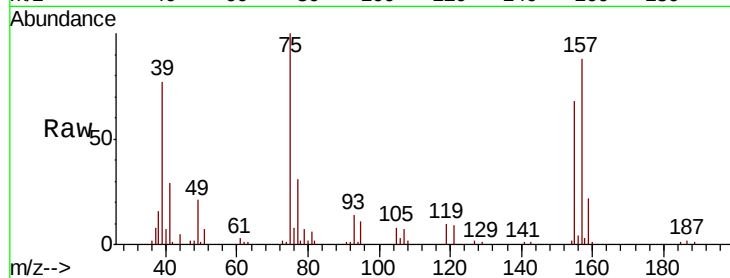
Tot Ion: 75 Resp: 21528

Ion Ratio Lower Upper

75 100

155 71.9 35.9 107.8

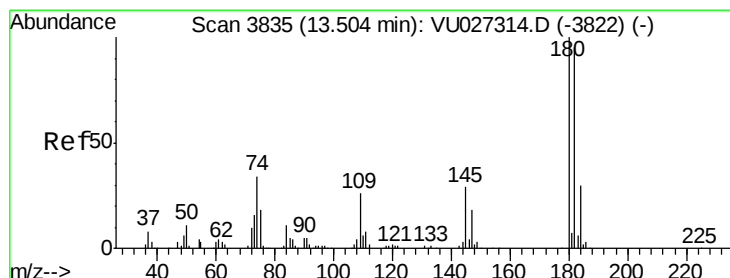
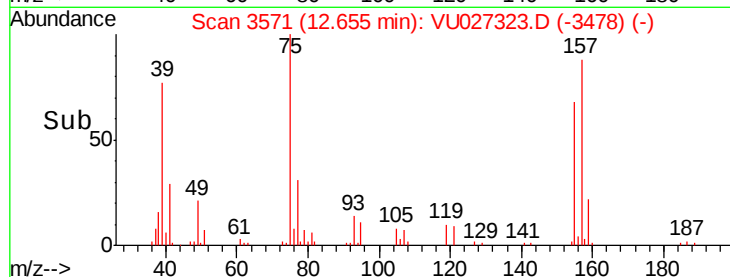
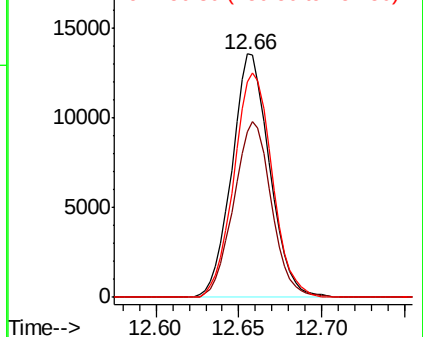
157 93.5 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 59.983 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. -0.00 min

Lab File: VU027323.D

Acq: 01 Oct 2018 17:13

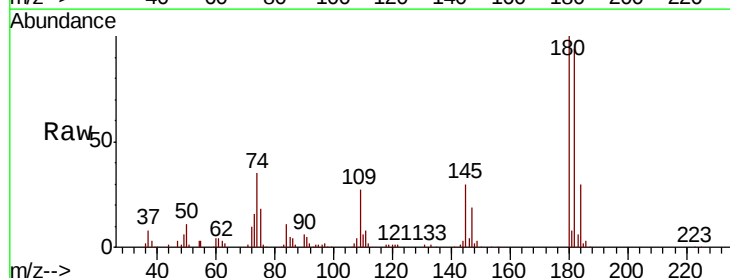
Tgt Ion: 180 Resp: 107440

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

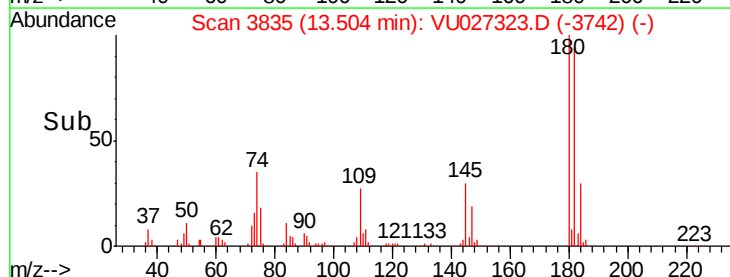
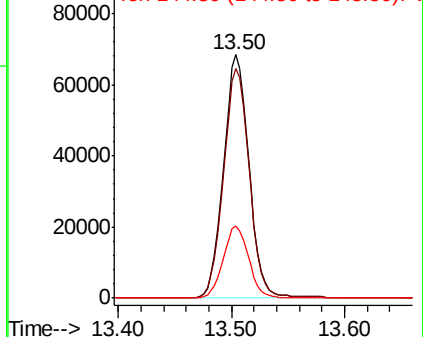
145 29.5 14.6 44.0

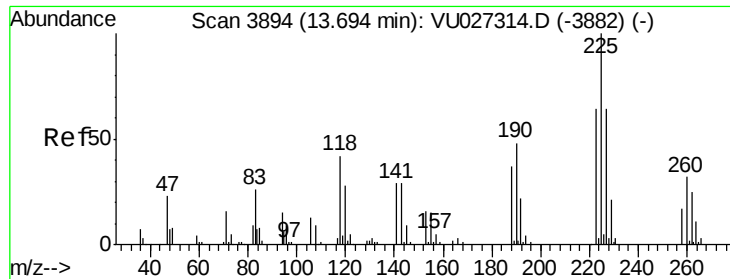


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

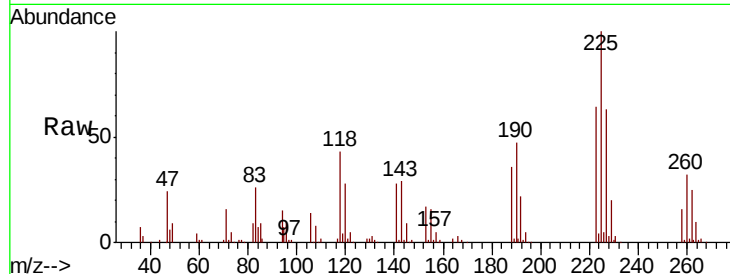




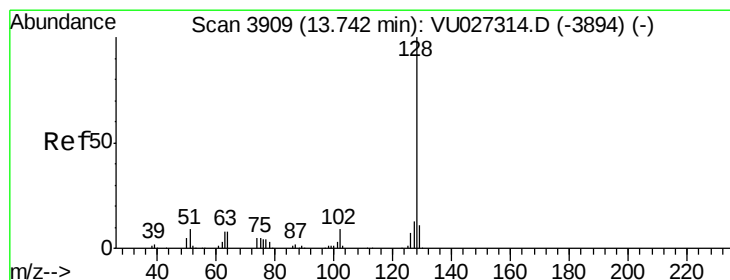
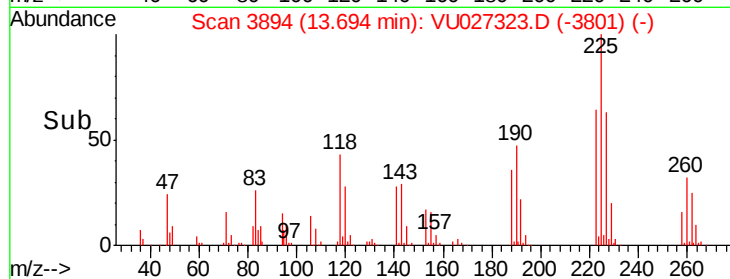
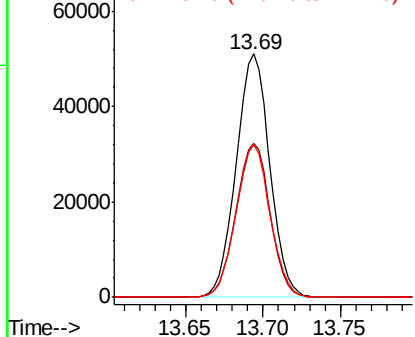
#94
Hexachlorobutadiene
Concen: 85.217 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WPDL

Tot Ion:225 Resp: 77119
Ion Ratio Lower Upper
225 100
223 64.1 31.8 95.3
227 63.3 31.9 95.7

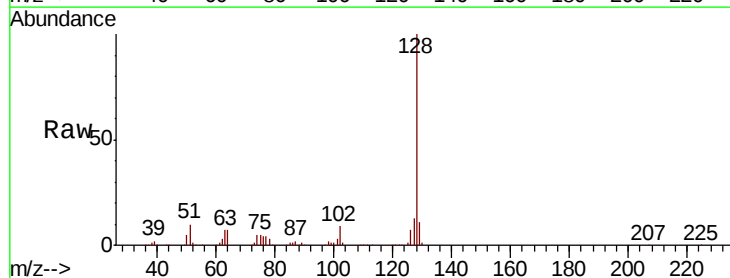


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

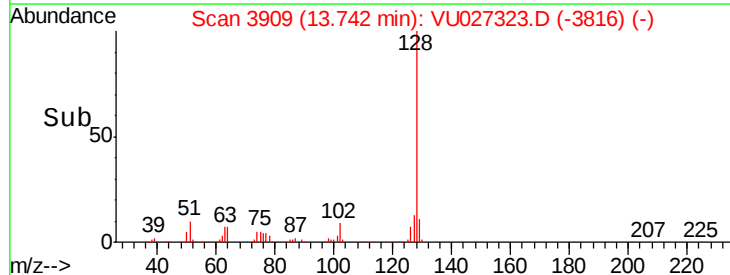
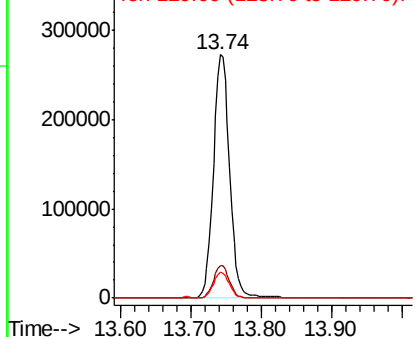


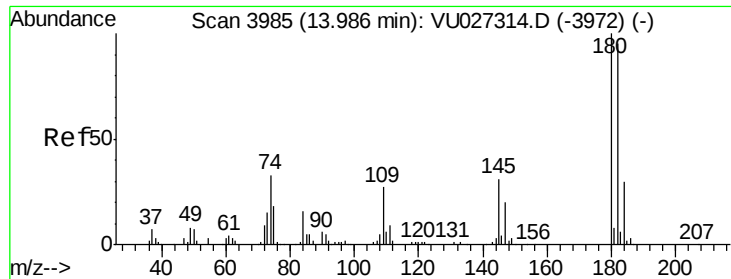
#95
Naphthalene
Concen: 64.275 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027323.D
Acq: 01 Oct 2018 17:13

Tgt Ion:128 Resp: 435675
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

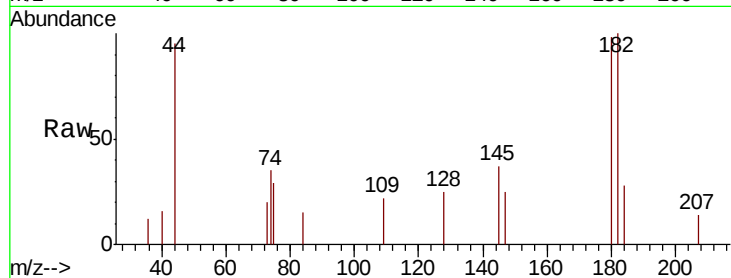




#96
 1,2,3-Trichlorobenzene
 Concen: 0.789 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027323.D
 Acq: 01 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WPDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.4	142.2
145	29.6	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

