

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027321.D
 Acq On : 01 Oct 2018 16:24
 Operator : MD/SY
 Sample : J4870-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 02 07:21:20 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	4.98	168	115889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198878	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95598	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	4.88	113	67491	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	7.57	98	259370	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	10.31	95	91951	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds					Qvalue
3) Chloromethane	1.33	50	2599	1.149	ug/l 89
4) Vinyl Chloride	1.40	62	93033	43.753	ug/l 99
5) Bromomethane	1.63	94	51255	55.707	ug/l 96
6) Chloroethane	1.70	64	38470	30.108	ug/l 100
10) Methyl Iodide	2.41	142	2642	10.337	ug/l # 89
11) Tert butyl alcohol	2.83	59	276	0.677	ug/l # 72
12) 1,1-Dichloroethene	2.28	96	279	0.228	ug/l 94
15) Acrylonitrile	3.00	53	5171	4.875	ug/l # 28
16) Acetone	2.32	43	129123	112.948	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	470671	95.959	ug/l 99
20) Methylene Chloride	2.70	84	42631	26.771	ug/l 97
21) trans-1,2-Dichloroethene	2.98	96	29118	21.187	ug/l 98
24) 1,1-Dichloroethane	3.45	63	152086	50.072	ug/l 100
25) 2-Butanone	4.26	43	290915	186.610	ug/l 100
28) Bromochloromethane	4.67	49	12306	8.398	ug/l # 24
29) Tetrahydrofuran	4.67	42	456	0.464	ug/l # 24
30) Chloroform	4.67	83	134988	50.022	ug/l 98
31) Cyclohexane	4.98	56	2772	0.658	ug/l # 1
32) 1,1,1-Trichloroethane	4.92	97	32790	14.427	ug/l 99
36) 1,1-Dichloropropene	4.98	75	10781	4.993	ug/l # 50
37) Ethyl Acetate	4.26	43	290915	104.242	ug/l # 70
38) Carbon Tetrachloride	4.99	117	11746	6.022	ug/l # 18
39) Methylcyclohexane	6.43	83	939	0.372	ug/l # 27
40) Benzene	5.39	78	467174	74.273	ug/l 100
42) 1,2-Dichloroethane	5.39	62	3904	1.672	ug/l # 76
44) Trichloroethene	6.19	130	84135	59.987	ug/l 97
45) 1,2-Dichloropropane	6.43	63	151532	83.524	ug/l 96
46) Dibromomethane	6.56	93	119687	116.807	ug/l 100
48) Methyl methacrylate	6.43	41	85539	39.685	ug/l # 34
49) 1,4-Dioxane	6.56	88	572	15.424	ug/l # 17
51) 4-Methyl-2-Pentanone	7.46	43	398039	141.323	ug/l 100
52) Toluene	7.64	92	169938	45.646	ug/l 100
54) cis-1,3-Dichloropropene	7.27	75	275879	102.944	ug/l 99
55) 1,1,2-Trichloroethane	8.23	97	386	0.261	ug/l # 1

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

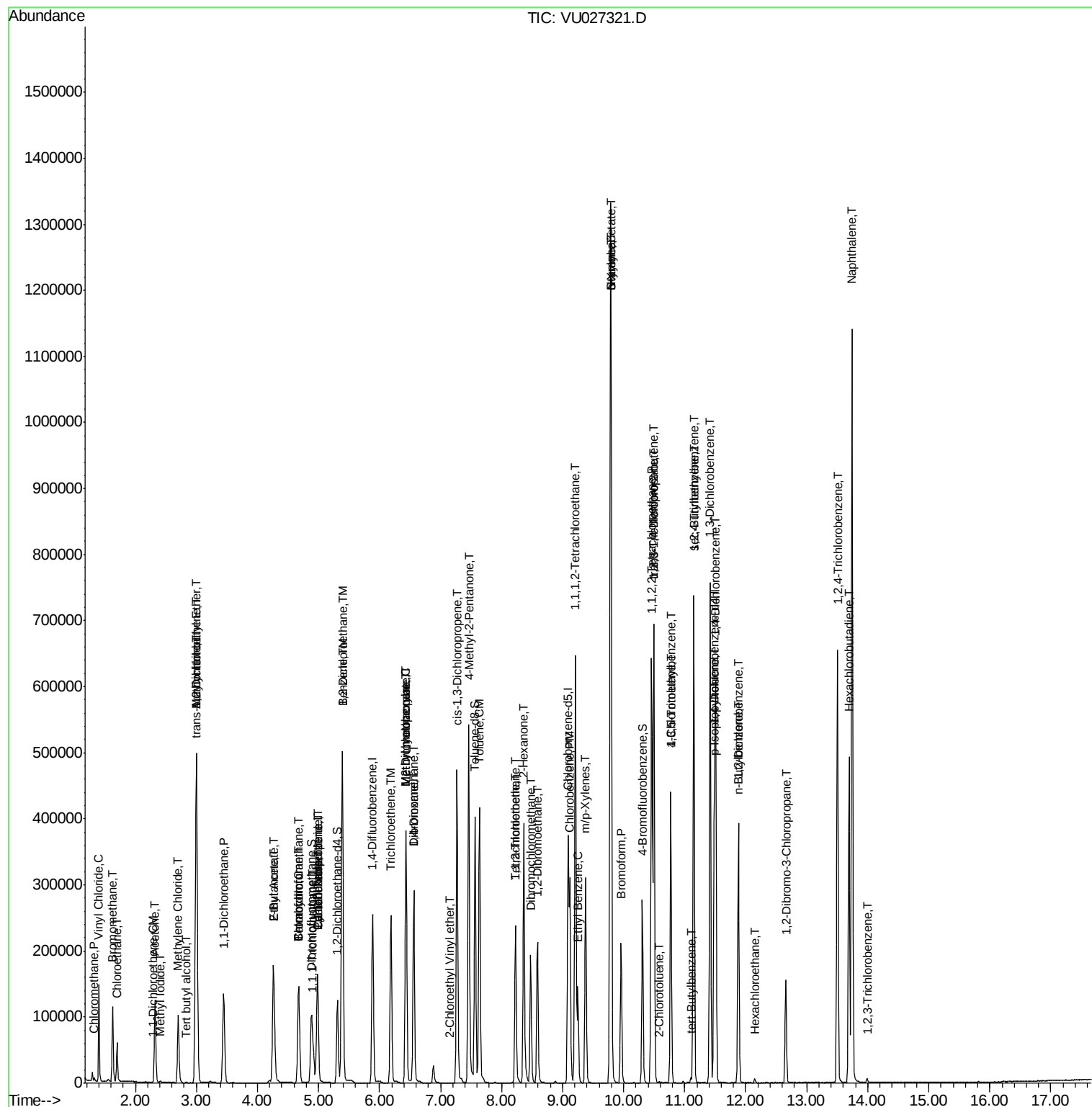
58) 2-Chloroethyl Vinyl ether	7.15	63	62	8.269	ug/l #	52
59) 2-Hexanone	8.36	43	271385	124.213	ug/l	100
60) Dibromochloromethane	8.48	129	94766	64.011	ug/l	100
61) 1,2-Dibromoethane	8.59	107	142523	90.812	ug/l	99
64) Tetrachloroethene	8.23	164	53030	45.488	ug/l	99
65) Chlorobenzene	9.12	112	145610	36.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	173077	127.186	ug/l	98
67) Ethyl Benzene	9.25	91	95165	13.626	ug/l	99
68) m/p-Xylenes	9.38	106	83915	32.848	ug/l	99
69) o-Xylene	9.78	106	171094	70.477	ug/l	98
70) Styrene	9.79	104	430905	92.889	ug/l	97
71) Bromoform	9.96	173	91517	83.588	ug/l #	99
74) N-amyl acetate	9.79	43	857	0.227	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.46	83	331964	128.326	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	287533	122.281	ug/l	86
79) 2-Chlorotoluene	10.59	91	1550	0.324	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	226020	42.139	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	287533	320.022	ug/l #	100
82) 4-Chlorotoluene	10.77	91	25660	4.731	ug/l #	49
83) tert-Butylbenzene	11.10	119	1567	0.302	ug/l #	37
84) 1,2,4-Trimethylbenzene	11.15	105	385347	70.331	ug/l	100
85) sec-Butylbenzene	11.15	105	385347	58.981	ug/l #	58
86) p-Isopropyltoluene	11.48	119	1432	0.256	ug/l	90
87) 1,3-Dichlorobenzene	11.42	146	277942	95.868	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	214494	72.400	ug/l	100
89) n-Butylbenzene	11.89	91	1057	2.121	ug/l	93
90) Hexachloroethane	12.15	117	1091	1.035	ug/l	93
91) 1,2-Dichlorobenzene	11.88	146	145673	51.619	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	40960	71.444	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	187136	102.481	ug/l	99
94) Hexachlorobutadiene	13.69	225	88438	95.858	ug/l	98
95) Naphthalene	13.74	128	815647	116.646	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	2080	1.093	ug/l	92

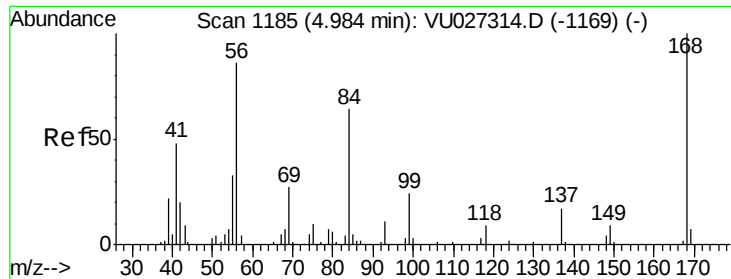
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

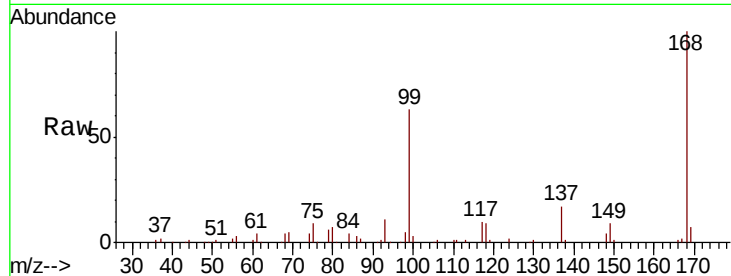
PT-VOA-WP

Tot Ion:168 Resp: 115889

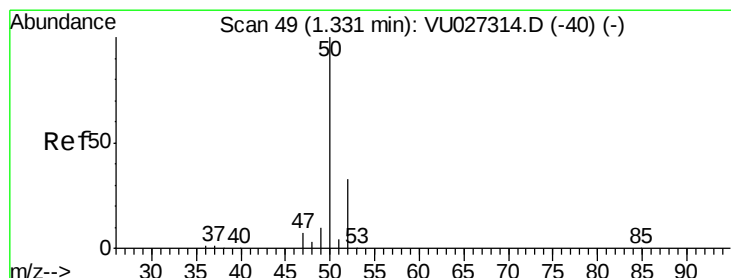
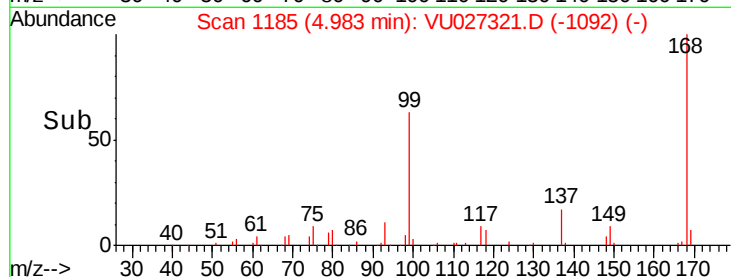
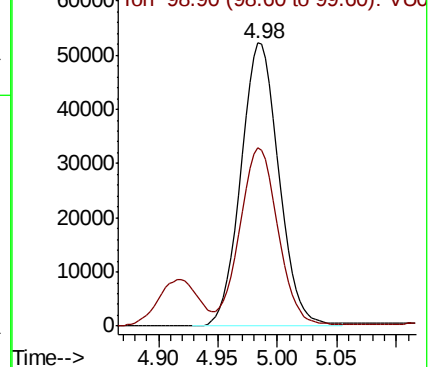
Ion Ratio Lower Upper

168 100

99 62.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027321.D (-1092) (-)



#3

Chloromethane

Concen: 1.149 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027321.D

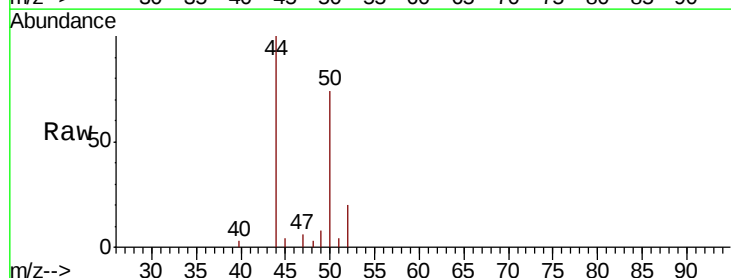
Acq: 01 Oct 2018 16:24

Tgt Ion: 50 Resp: 2599

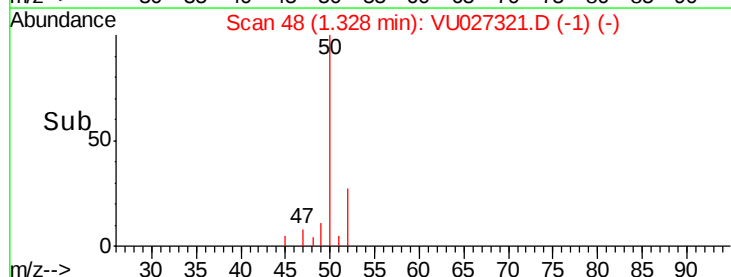
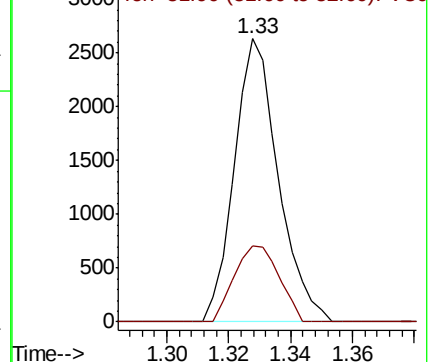
Ion Ratio Lower Upper

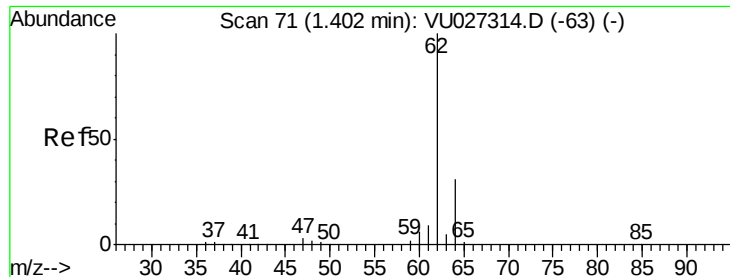
50 100

52 26.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU027321.D (-1) (-)





#4

Vinyl Chloride

Concen: 43.753 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

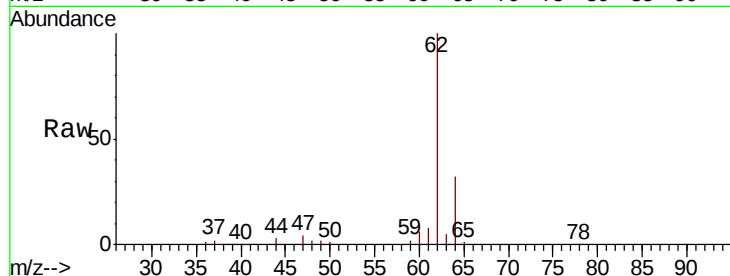
PT-VOA-WP

Tot Ion: 62 Resp: 93033

Ion Ratio Lower Upper

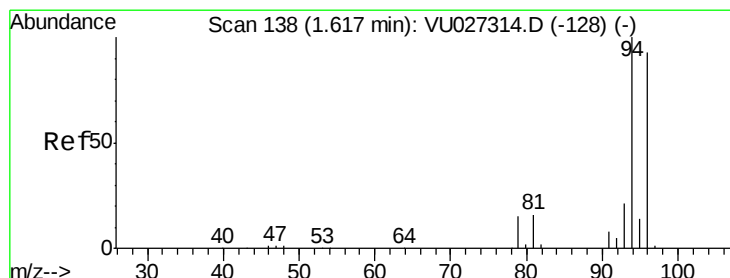
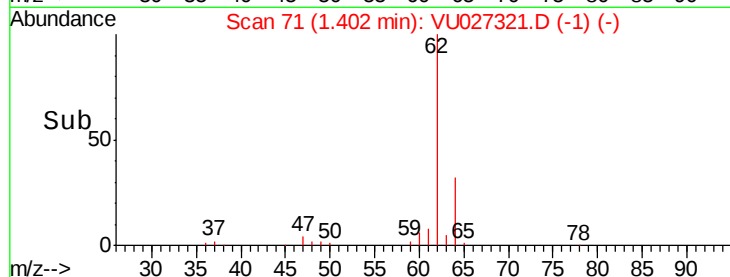
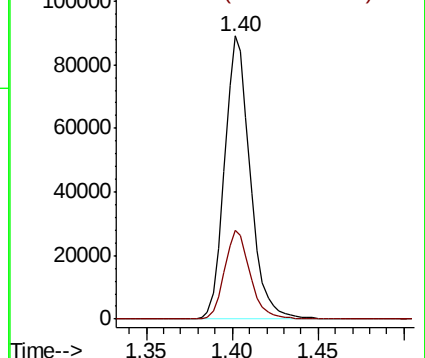
62 100

64 31.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 55.707 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.01 min

Lab File: VU027321.D

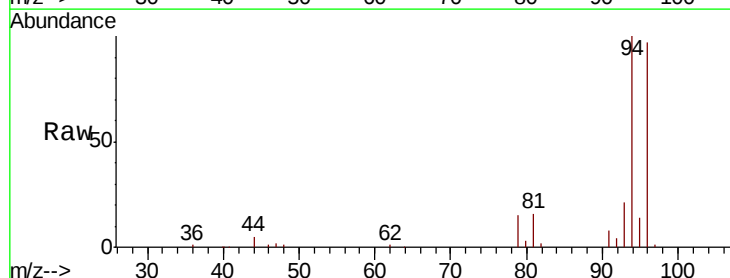
Acq: 01 Oct 2018 16:24

Tgt Ion: 94 Resp: 51255

Ion Ratio Lower Upper

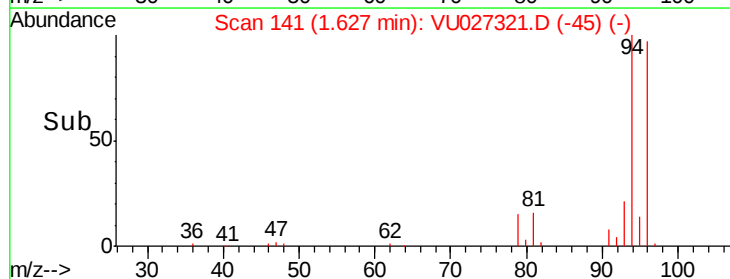
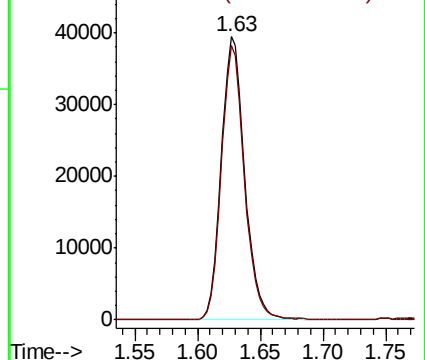
94 100

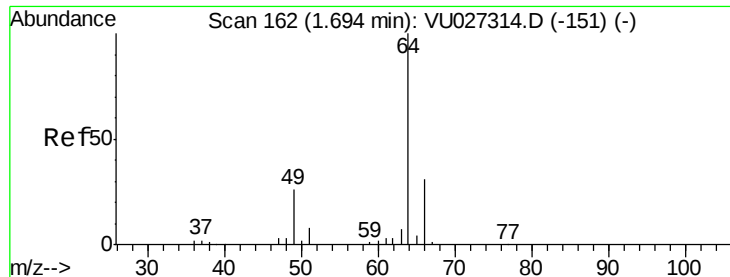
96 96.8 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

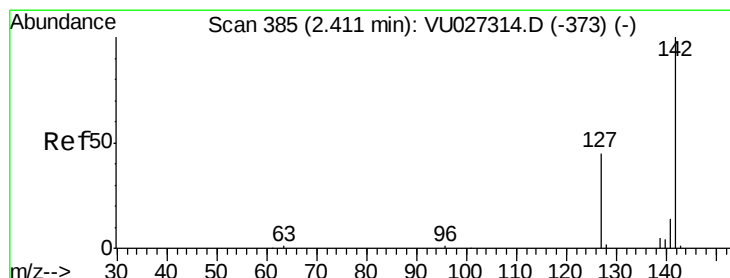
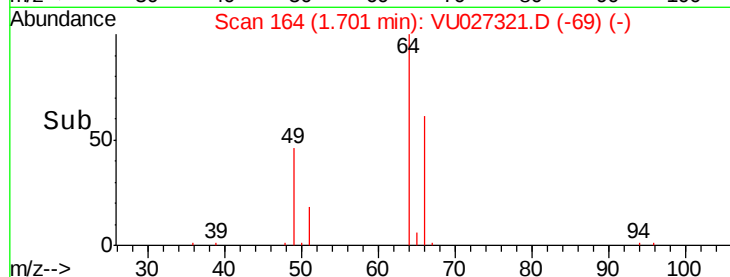
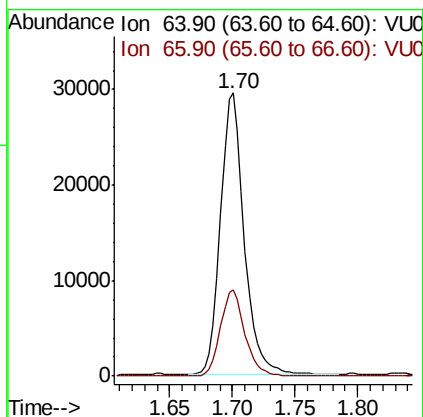
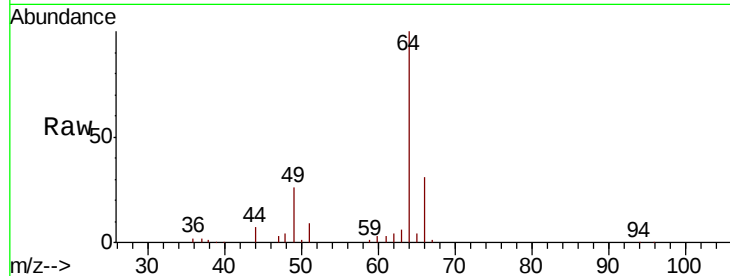




#6
 Chloroethane
 Concen: 30.108 ug/l
 RT: 1.70 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

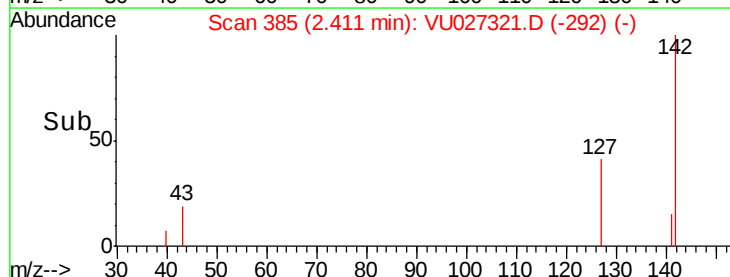
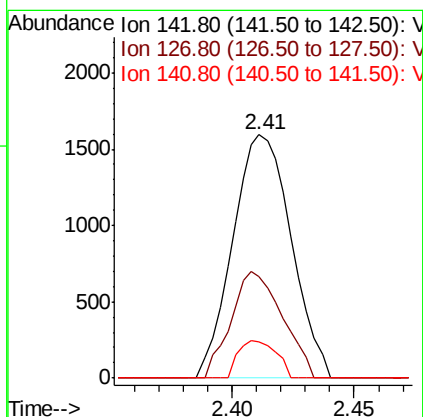
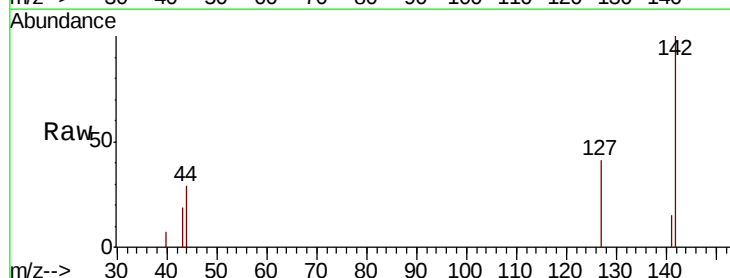
Instrument :
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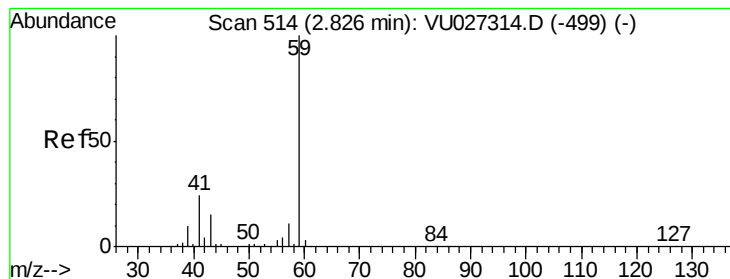
Tot Ion: 64 Resp: 38470
 Ion Ratio Lower Upper
 64 100
 66 30.8 24.6 36.8



#10
 Methyl Iodide
 Concen: 10.337 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion: 142 Resp: 2642
 Ion Ratio Lower Upper
 142 100
 127 38.6 36.3 54.5
 141 9.9 11.6 17.4#



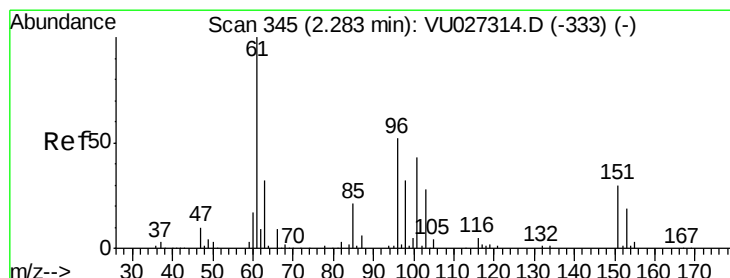
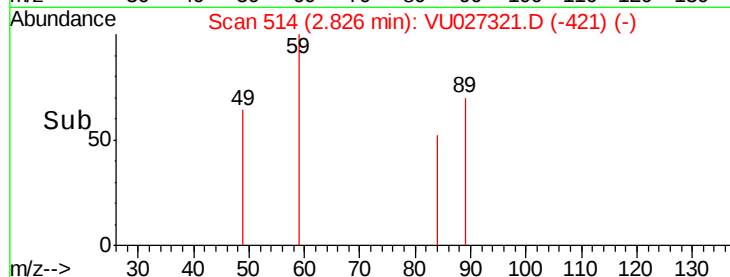
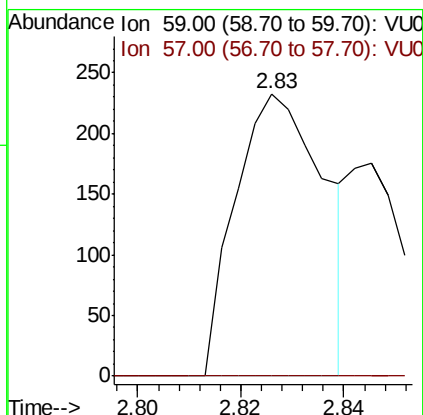
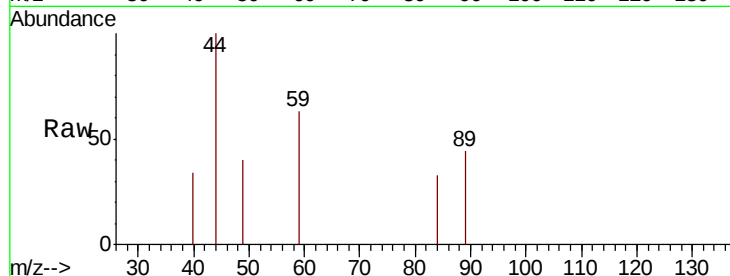


#11

Tert butyl alcohol
 Concen: 0.677 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

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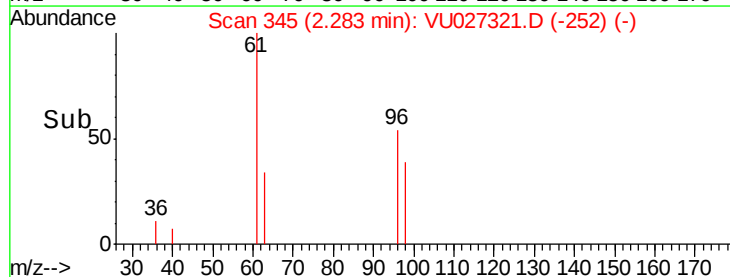
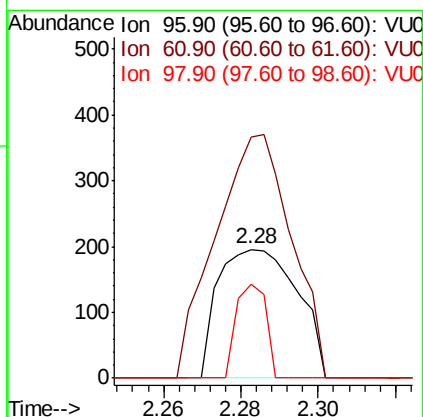
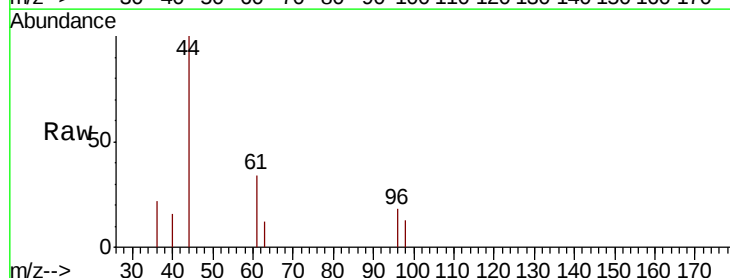
Tot Ion: 59 Resp: 276
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

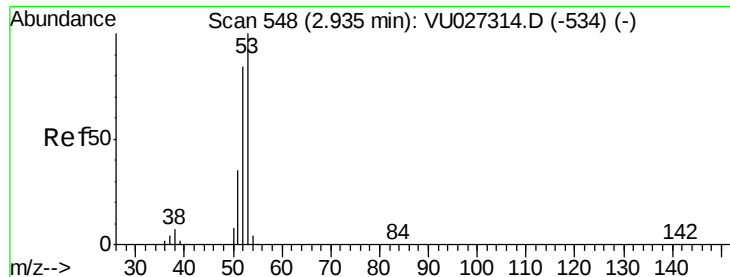


#12

1,1-Dichloroethene
 Concen: 0.228 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion: 96 Resp: 279
 Ion Ratio Lower Upper
 96 100
 61 186.7 153.0 229.6
 98 73.0 49.3 73.9





#15

Acrylonitrile

Concen: 4.875 ug/l

RT: 3.00 min Scan# 568

Delta R.T. 0.06 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

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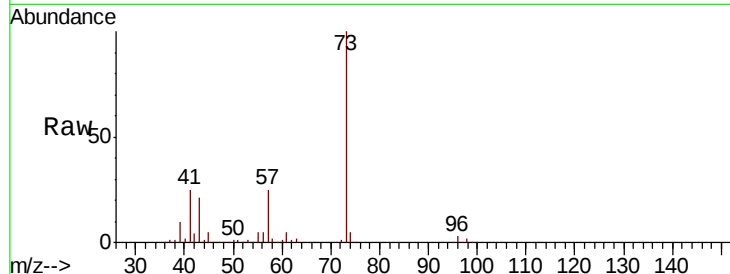
Tot Ion: 53 Resp: 5171

Ion Ratio Lower Upper

53 100

52 20.3 66.5 99.7#

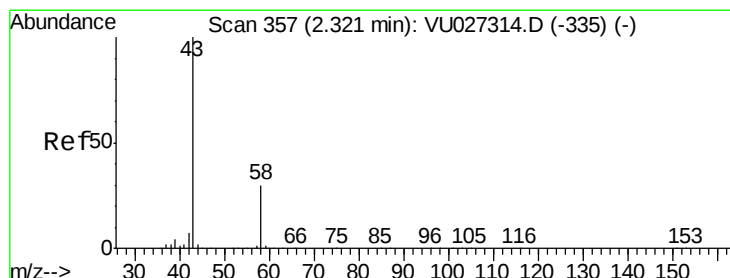
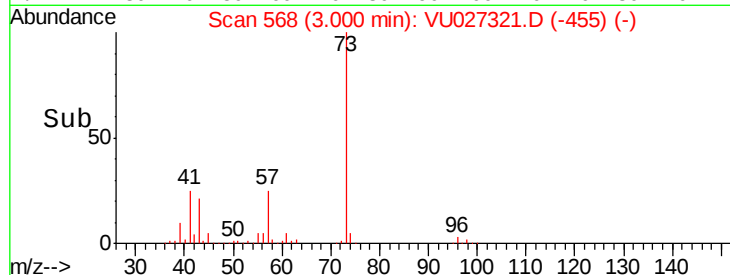
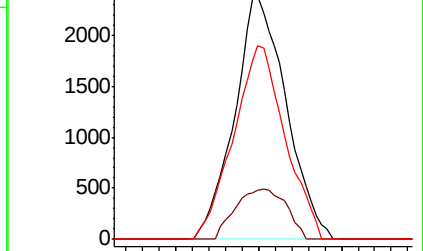
51 79.1 27.6 41.4#



Abundance Ion 53.00 (52.70 to 53.70): VU027321.D (-534) (-)

Ion 52.00 (51.70 to 52.70): VU027321.D (-534) (-)

Ion 51.00 (50.70 to 51.70): VU027321.D (-534) (-)



#16

Acetone

Concen: 112.948 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027321.D

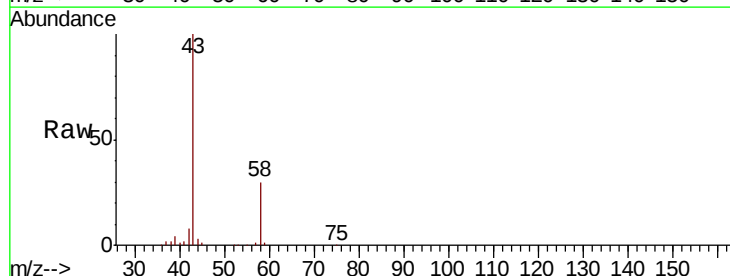
Acq: 01 Oct 2018 16:24

Tgt Ion: 43 Resp: 129123

Ion Ratio Lower Upper

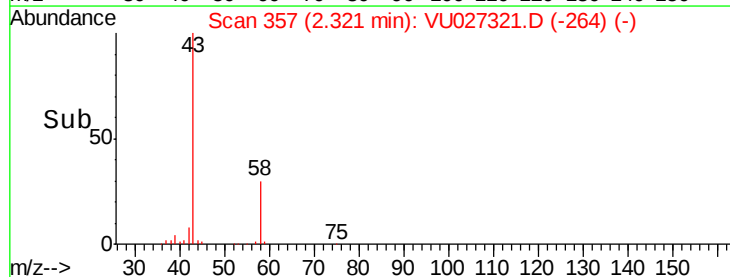
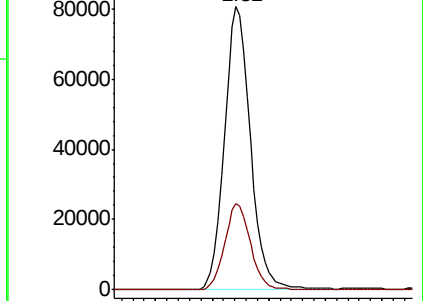
43 100

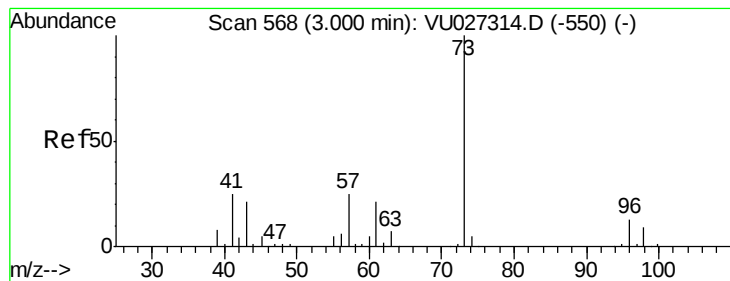
58 30.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027321.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027321.D (-264) (-)



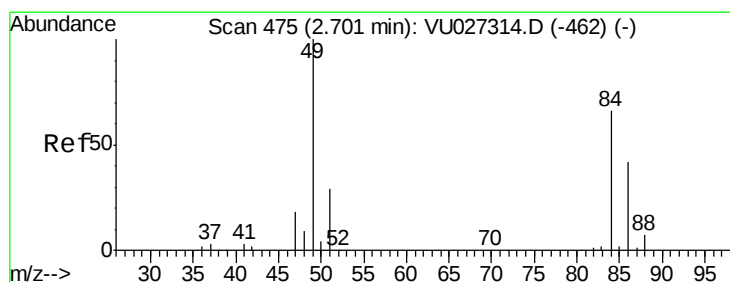
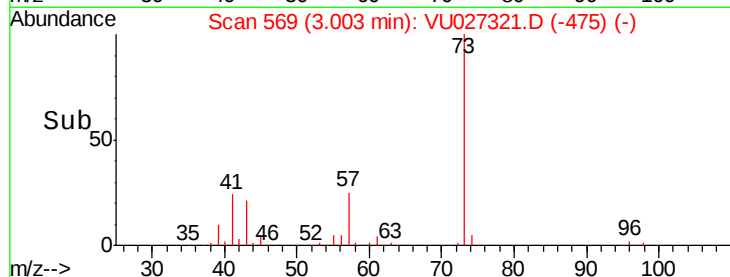
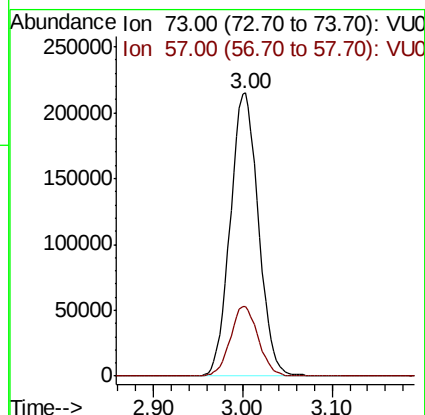
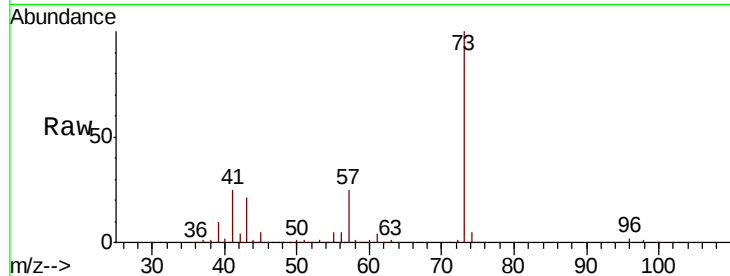


#19

Methyl tert-butyl Ether
 Concen: 95.959 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

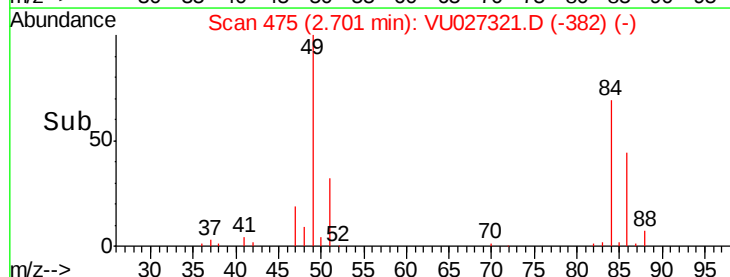
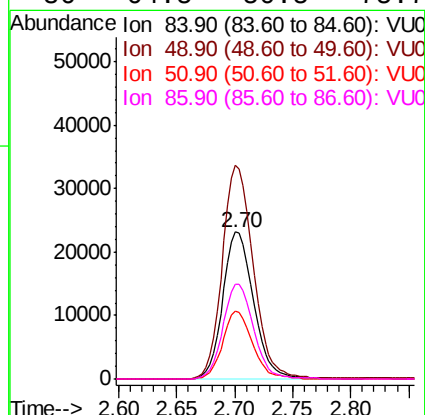
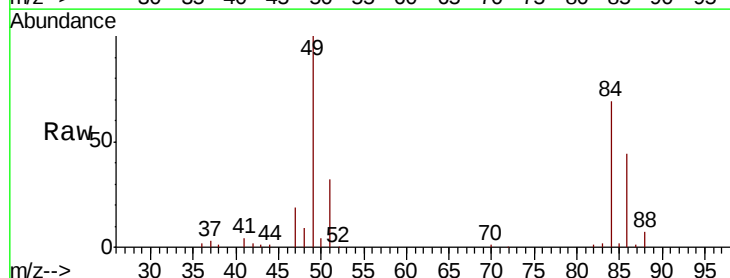
Tot Ion: 73 Resp: 470671
 Ion Ratio Lower Upper
 73 100
 57 24.6 20.0 30.0

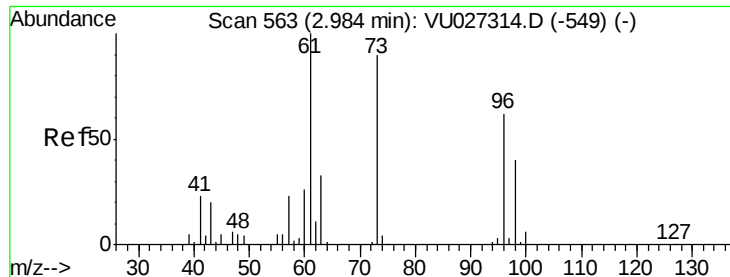


#20

Methylene Chloride
 Concen: 26.771 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion: 84 Resp: 42631
 Ion Ratio Lower Upper
 84 100
 49 145.4 120.5 180.7
 51 46.4 35.1 52.7
 86 64.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 21.187 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

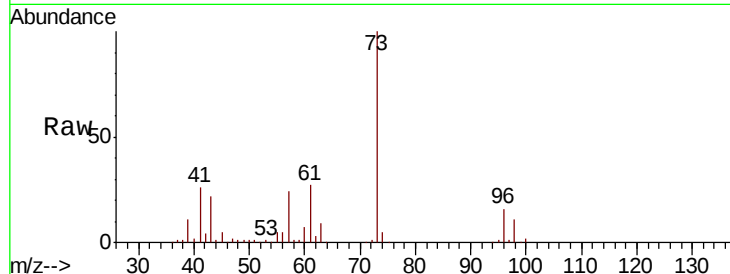
Tot Ion: 96 Resp: 29118

Ion Ratio Lower Upper

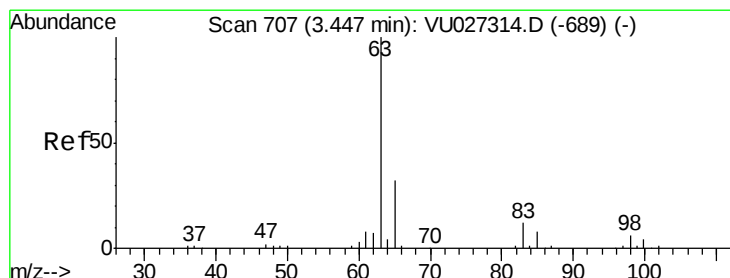
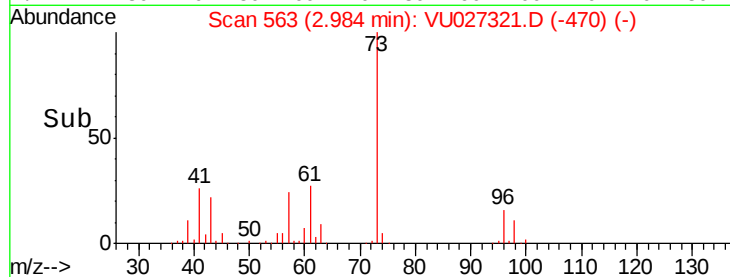
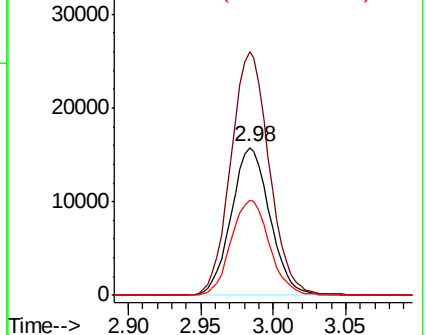
96 100

61 164.6 129.4 194.2

98 64.3 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: 50.072 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

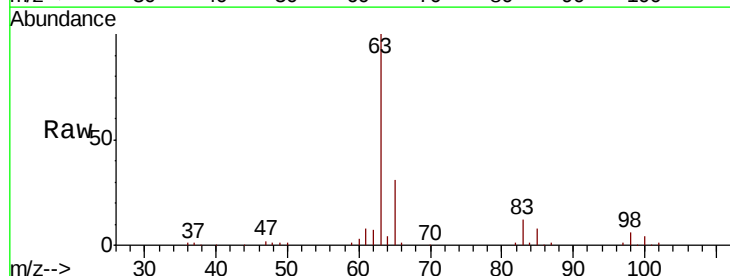
Tgt Ion: 63 Resp: 152086

Ion Ratio Lower Upper

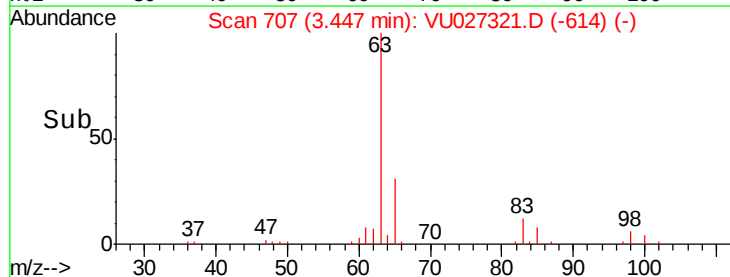
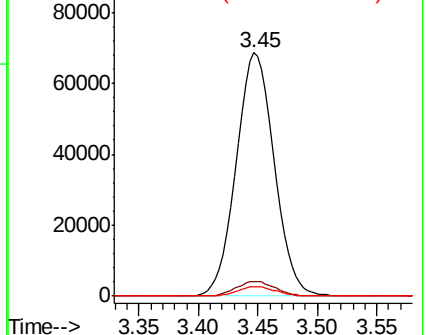
63 100

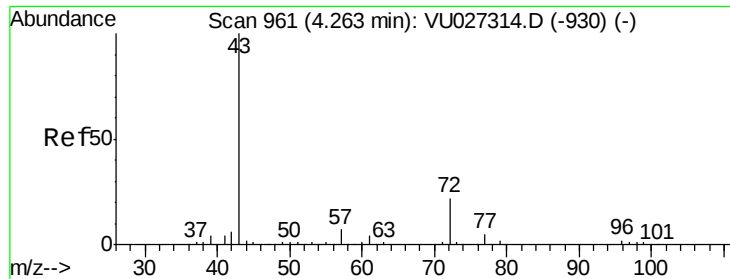
98 6.1 3.0 9.2

100 3.9 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: 186.610 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

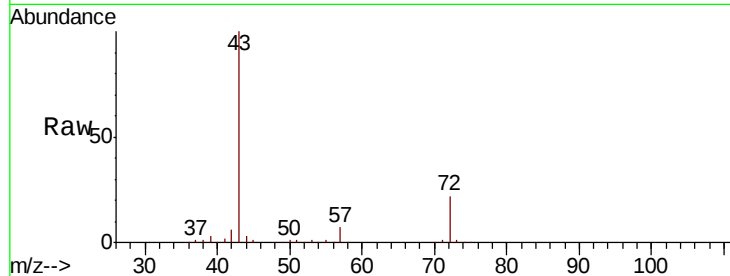
PT-VOA-WP

Tot Ion: 43 Resp: 290915

Ion Ratio Lower Upper

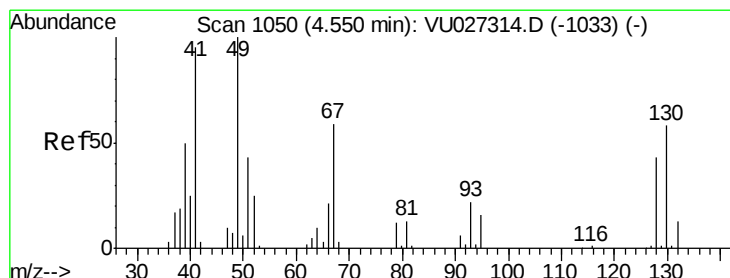
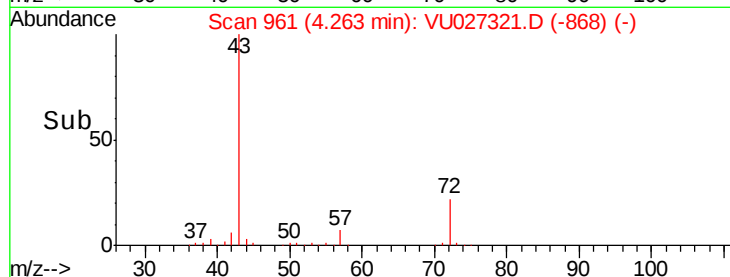
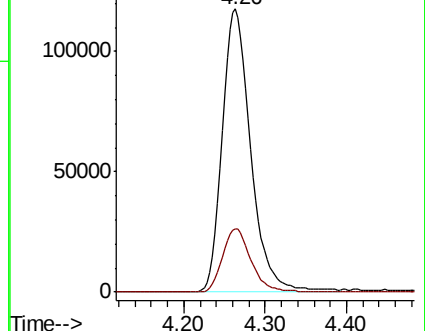
43 100

72 22.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#28

Bromochloromethane

Concen: 8.398 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.13 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

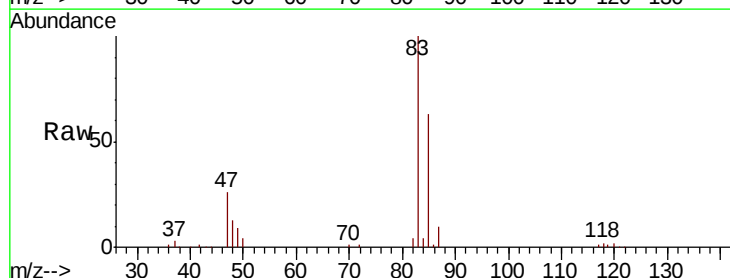
Tgt Ion: 49 Resp: 12306

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

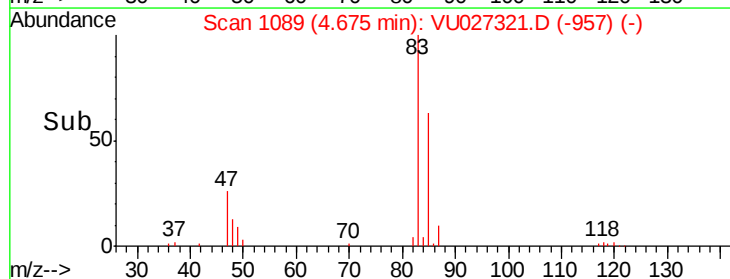
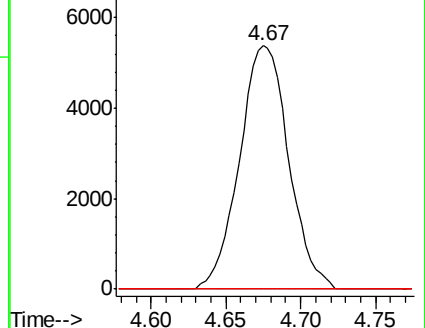
130 0.0 46.1 69.1#

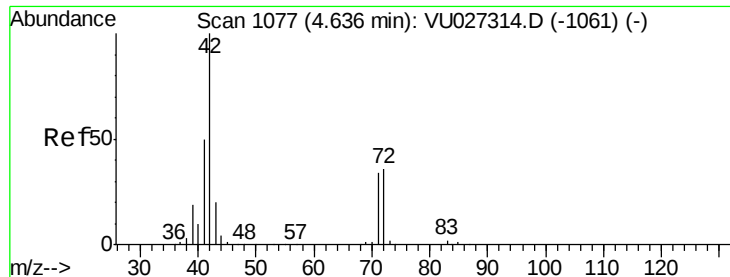


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.464 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

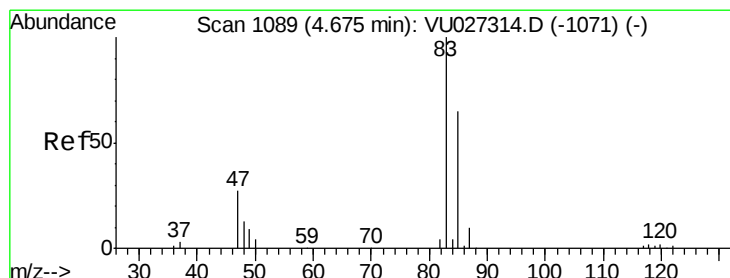
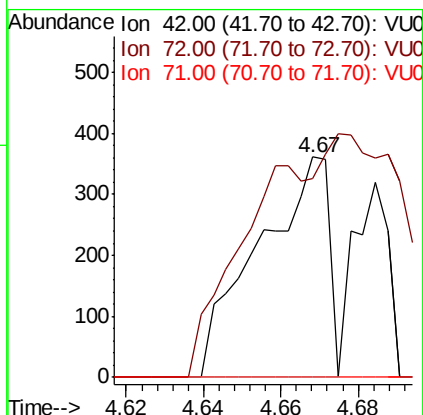
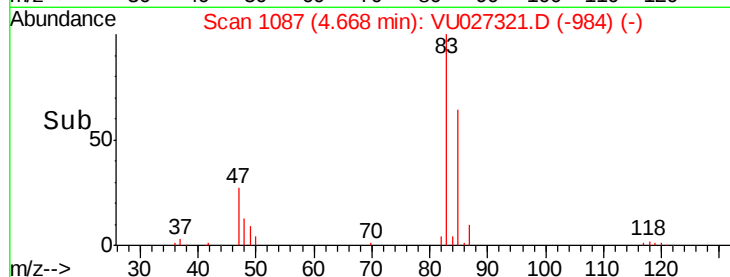
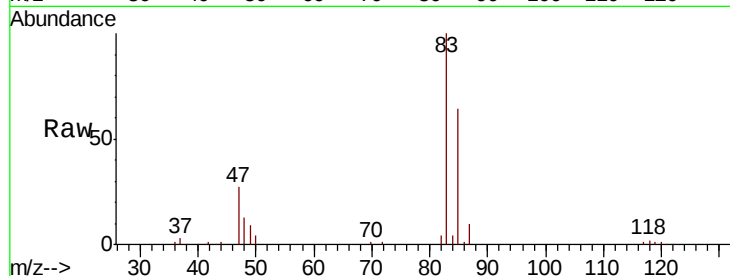
Tot Ion: 42 Resp: 456

Ion Ratio Lower Upper

42 100

72 92.3 30.1 45.1#

71 0.0 27.7 41.5#



#30

Chloroform

Concen: 50.022 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027321.D

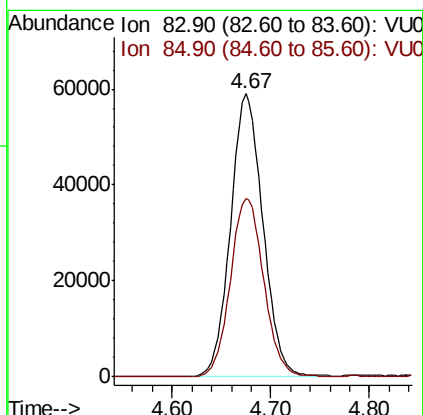
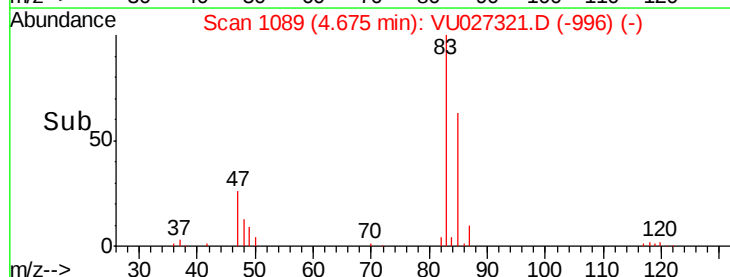
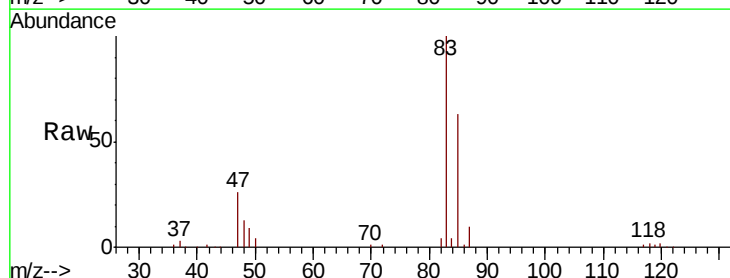
Acq: 01 Oct 2018 16:24

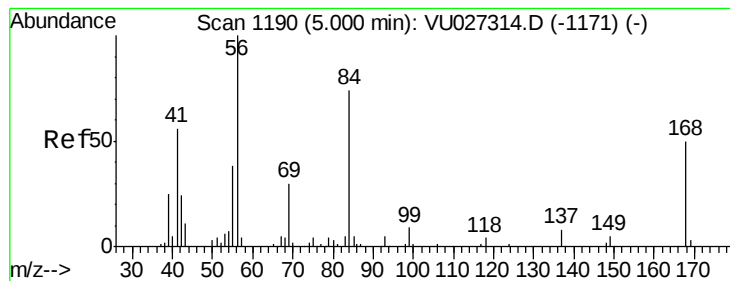
Tgt Ion: 83 Resp: 134988

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.6





#31

Cyclohexane

Concen: 0.658 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

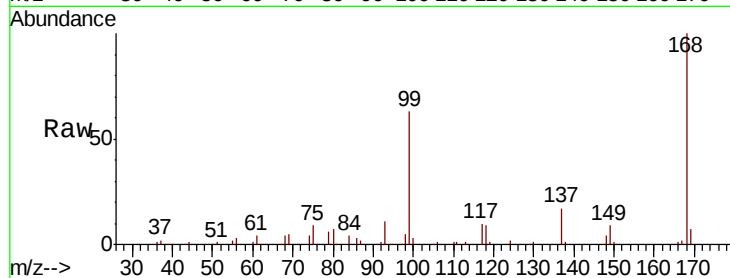
Tot Ion: 56 Resp: 2772

Ion Ratio Lower Upper

56 100

69 180.9 24.1 36.1#

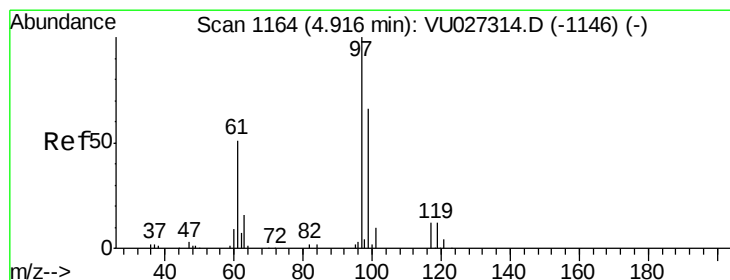
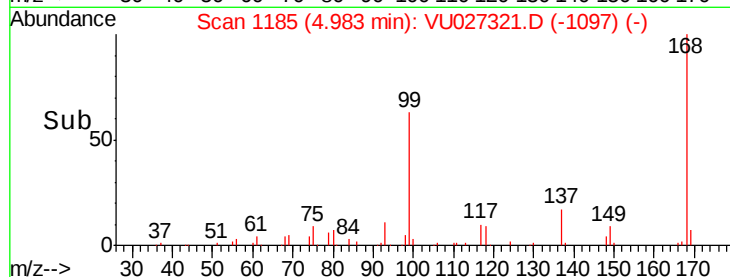
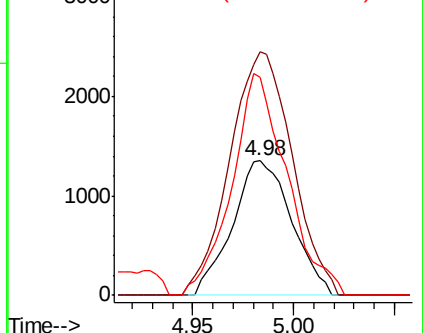
84 154.5 59.1 88.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 14.427 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

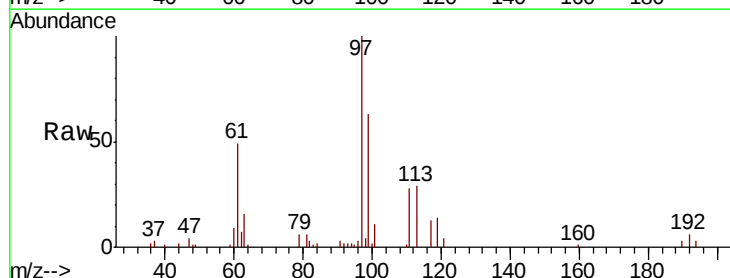
Tgt Ion: 97 Resp: 32790

Ion Ratio Lower Upper

97 100

99 62.8 51.1 76.7

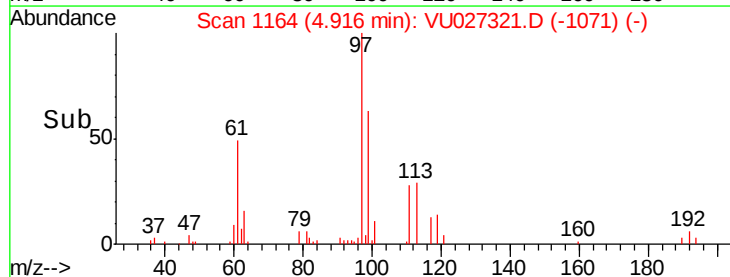
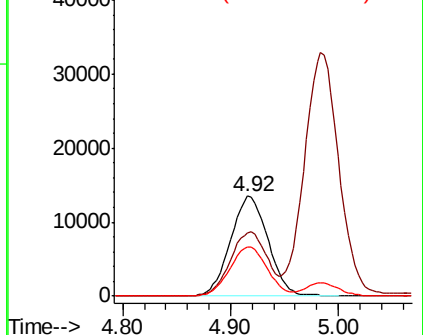
61 49.2 39.6 59.4

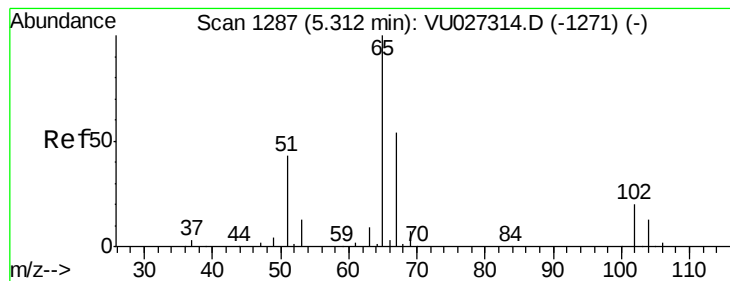


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 49.401 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

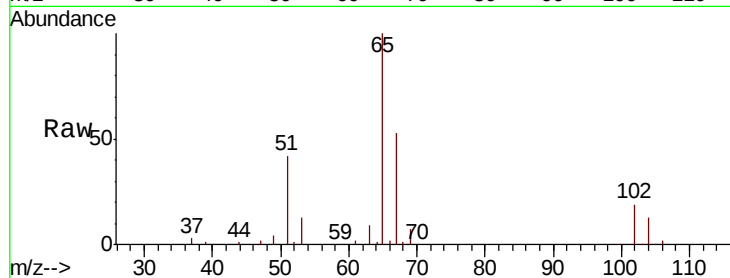
PT-VOA-WP

Tot Ion: 65 Resp: 95598

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

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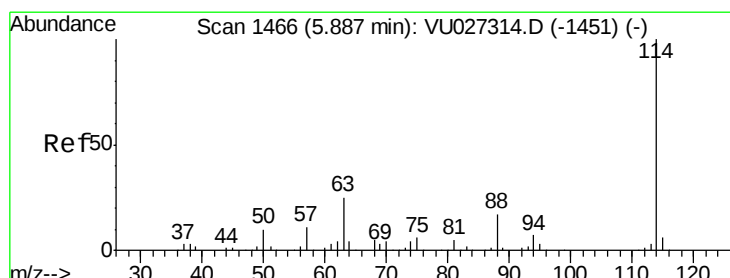
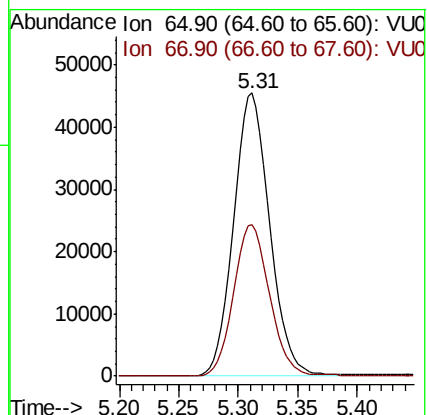
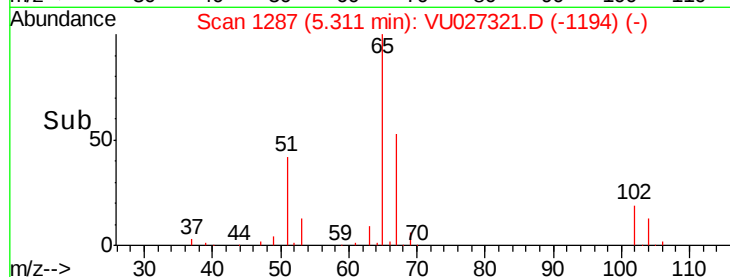
5.31

5.31

5.31

5.31

5.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

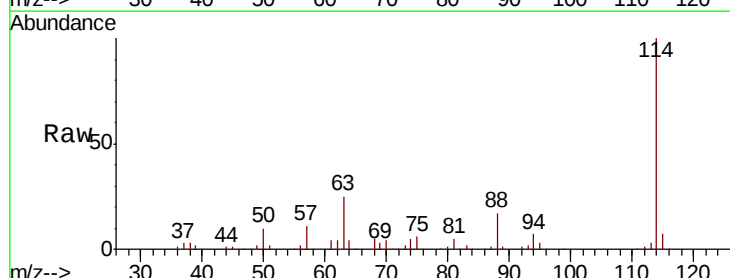
Tgt Ion:114 Resp: 198878

Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.2

88 17.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

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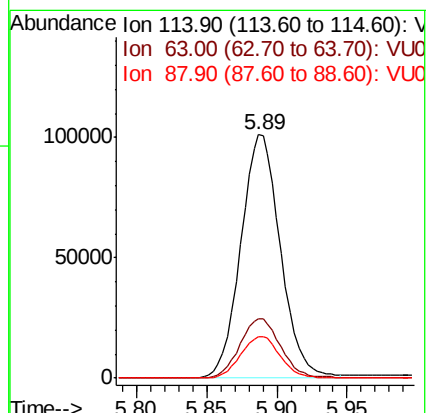
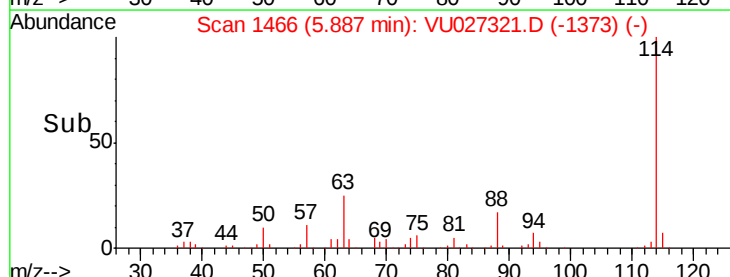
5.89

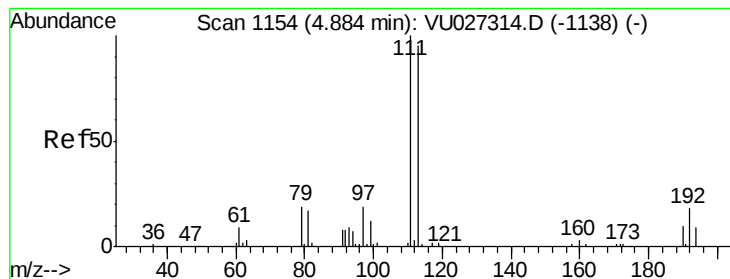
5.89

5.89

5.89

5.89





#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

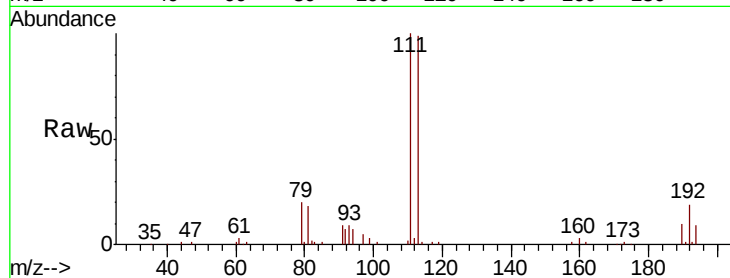
Tot Ion:113 Resp: 67491

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

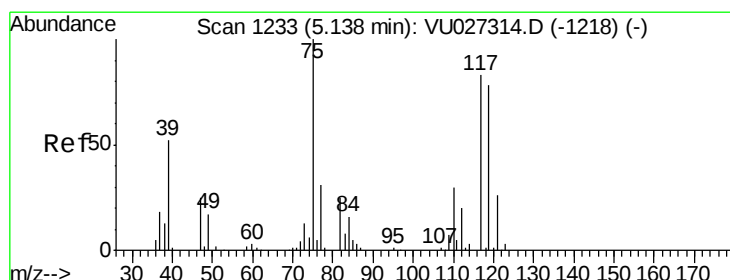
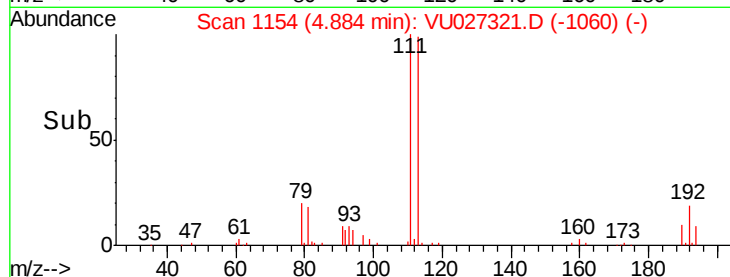
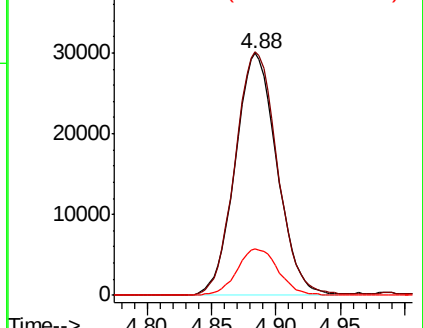
192 18.9 15.4 23.0



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: 4.993 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

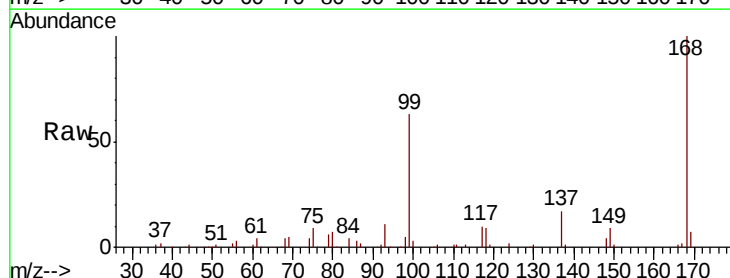
Tgt Ion: 75 Resp: 10781

Ion Ratio Lower Upper

75 100

110 7.2 15.5 46.5#

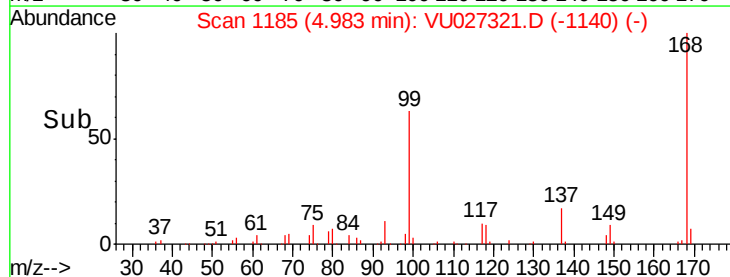
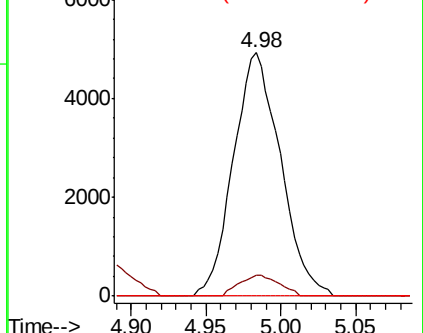
77 0.0 25.4 38.0#

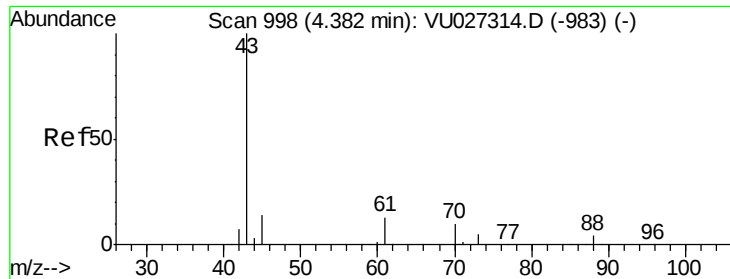


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 104.242 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.12 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

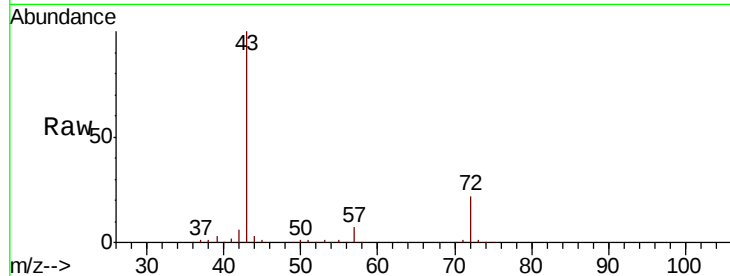
Tot Ion: 43 Resp: 290915

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

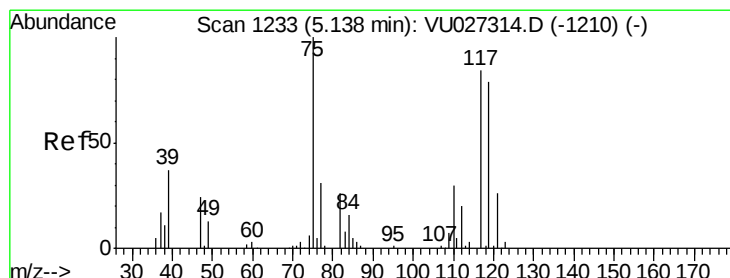
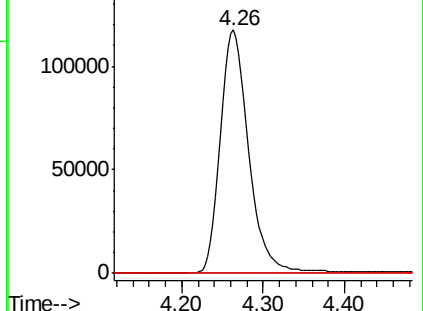
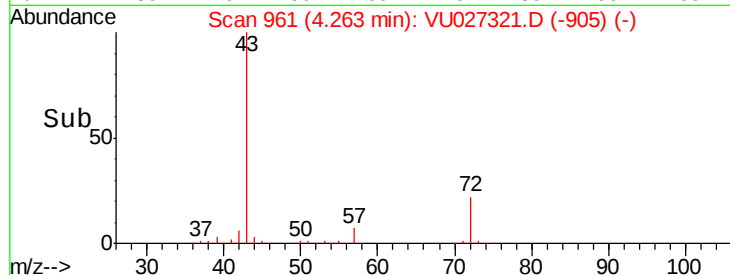
70 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU027321.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027321.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027321.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 6.022 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

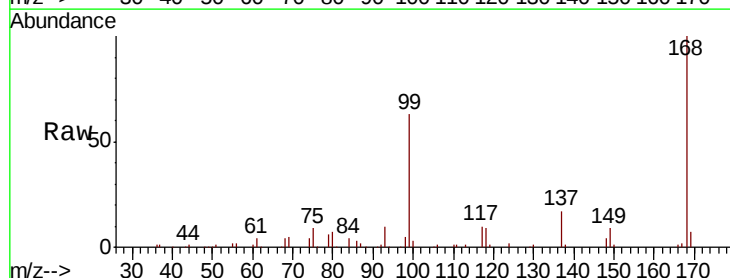
Tgt Ion: 117 Resp: 11746

Ion Ratio Lower Upper

117 100

119 6.4 74.5 111.7#

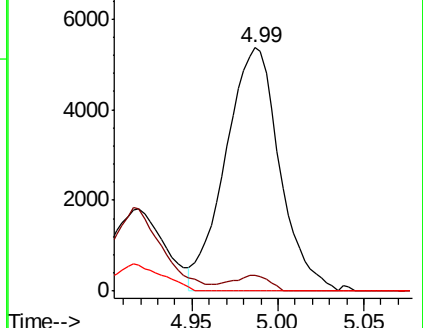
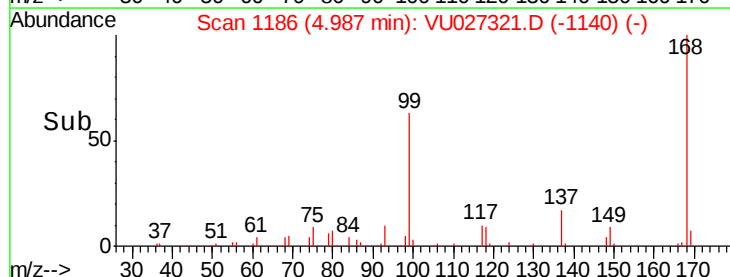
121 0.0 24.6 37.0#

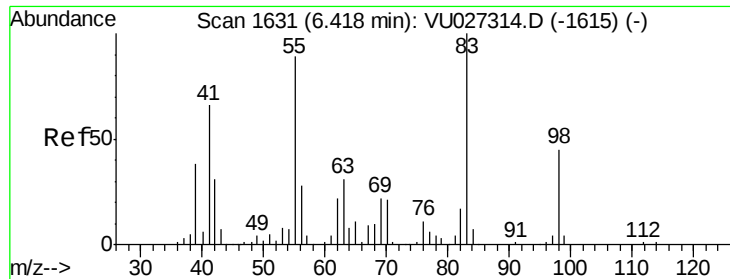


Abundance Ion 116.80 (116.50 to 117.50): VU027321.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027321.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027321.D (-1140) (-)

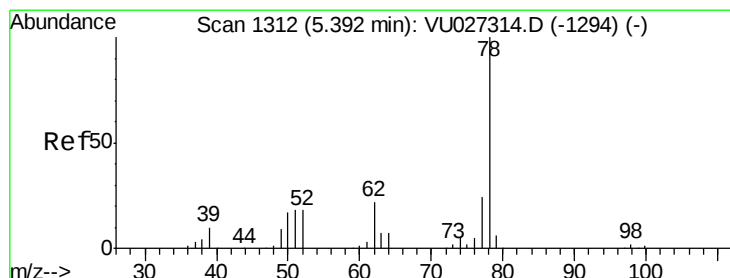
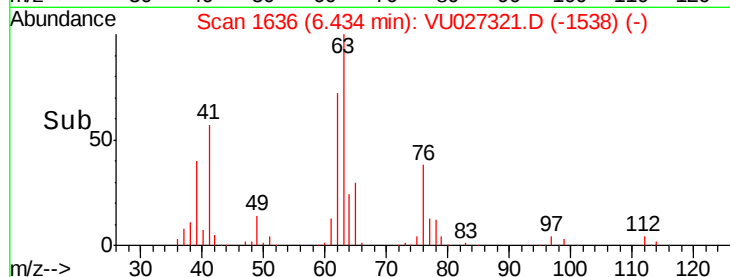
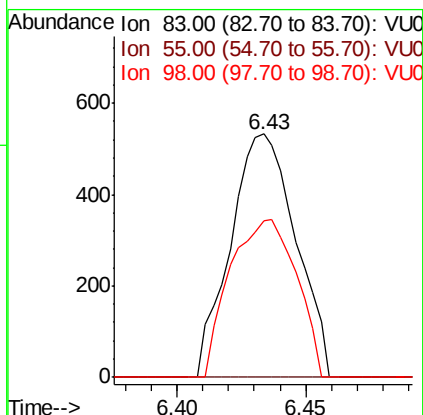
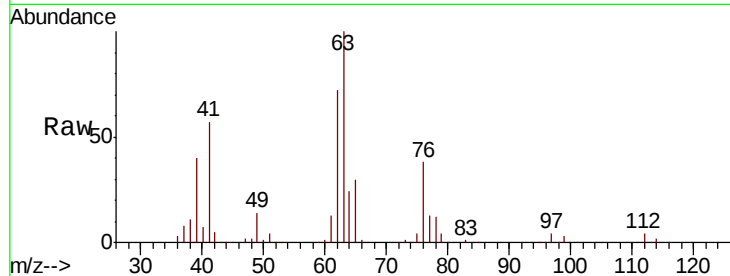




#39
Methvlcvclohexane
Concen: 0.372 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. 0.02 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

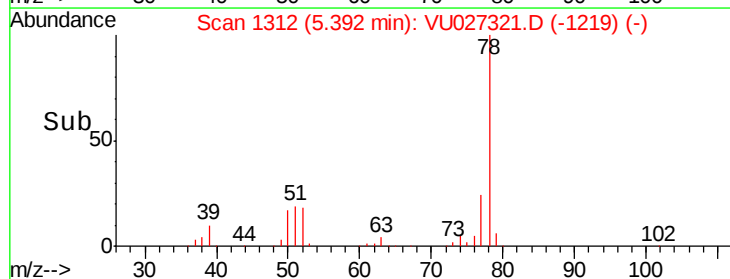
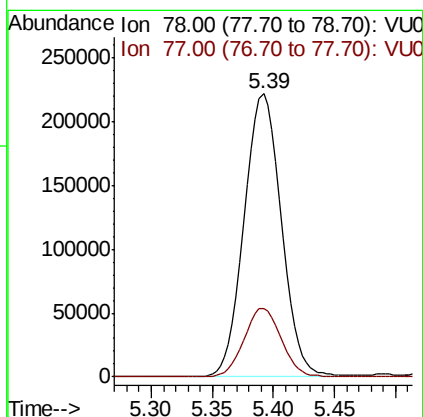
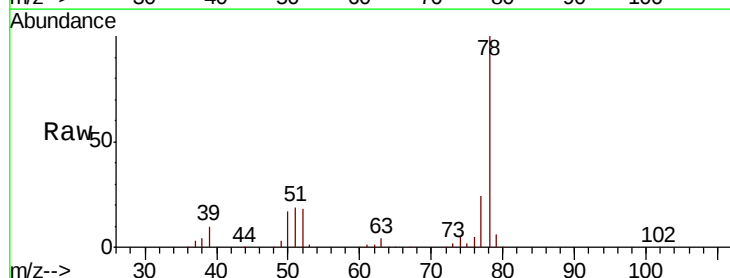
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

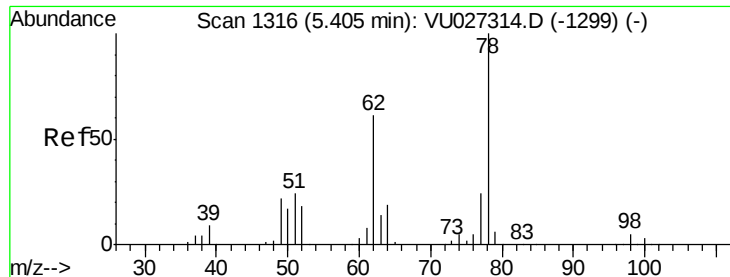
Tot Ion: 83 Resp: 939
Ion Ratio Lower Upper
83 100
55 0.0 71.1 106.7#
98 64.4 36.3 54.5#



#40
Benzene
Concen: 74.273 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion: 78 Resp: 467174
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





#42

1,2-Dichloroethane

Concen: 1.672 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

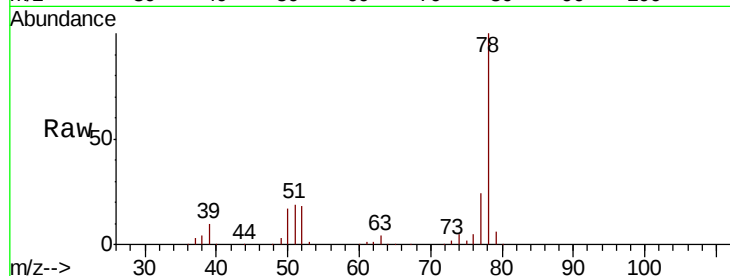
PT-VOA-WP

Tot Ion: 62 Resp: 3904

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU027314.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-1299) (-)

5.39

2000

1500

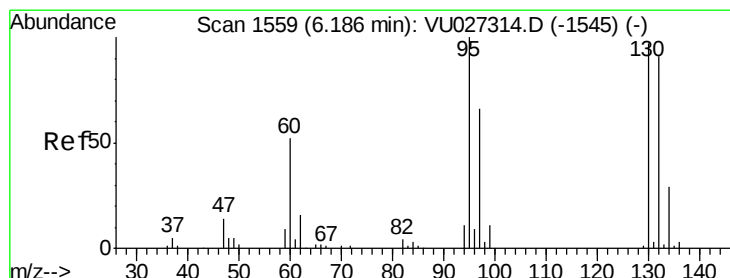
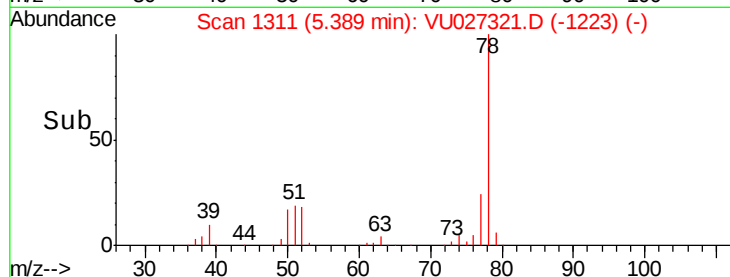
1000

500

0

5.35 5.40 5.45

Time-->



#44

Trichloroethene

Concen: 59.987 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027321.D

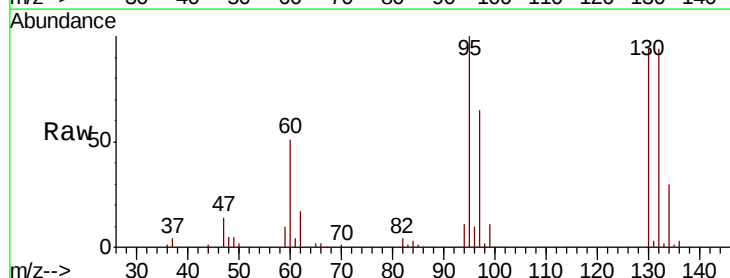
Acq: 01 Oct 2018 16:24

Tgt Ion:130 Resp: 84135

Ion Ratio Lower Upper

130 100

95 106.2 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) (-)

6.19

50000

40000

30000

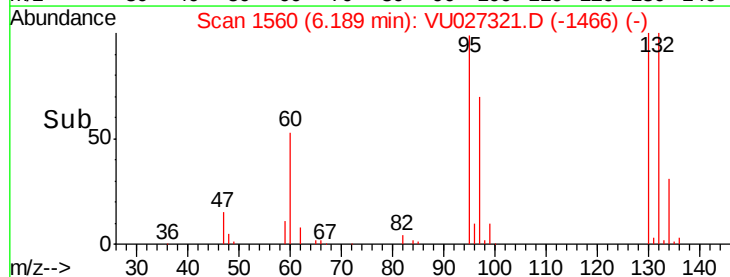
20000

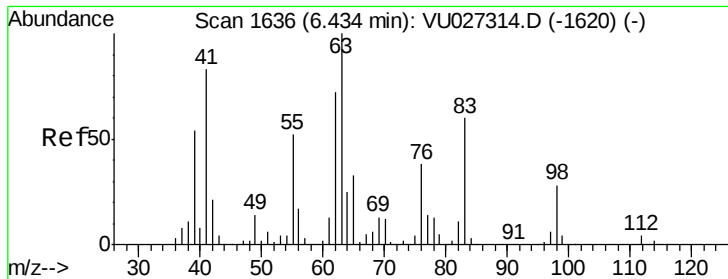
10000

0

6.10 6.15 6.20 6.25

Time-->





#45

1,2-Dichloropropane

Concen: 83.524 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampled :

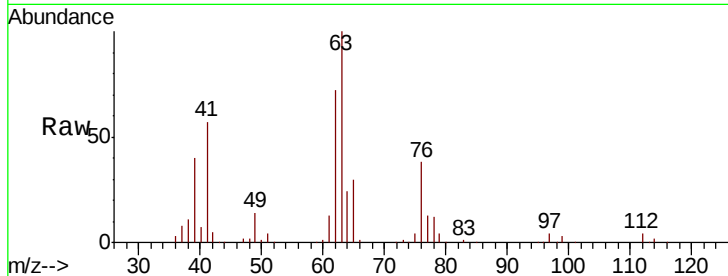
PT-VOA-WP

Tot Ion: 63 Resp: 151532

Ion Ratio Lower Upper

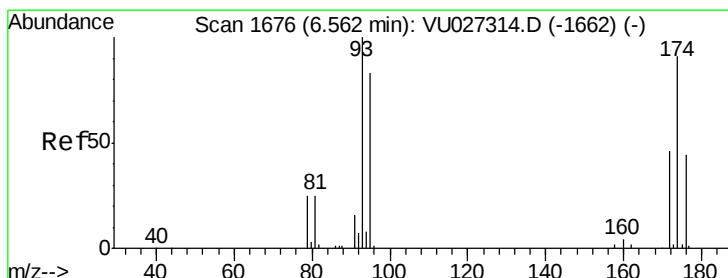
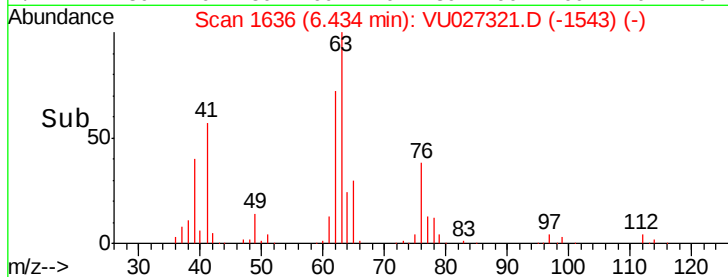
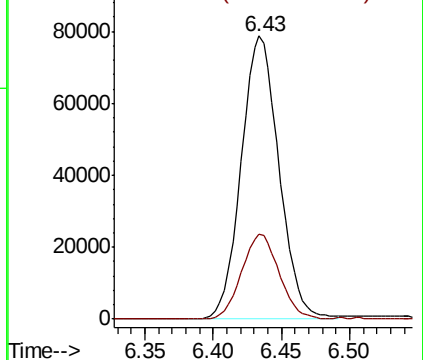
63 100

65 30.1 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 116.807 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

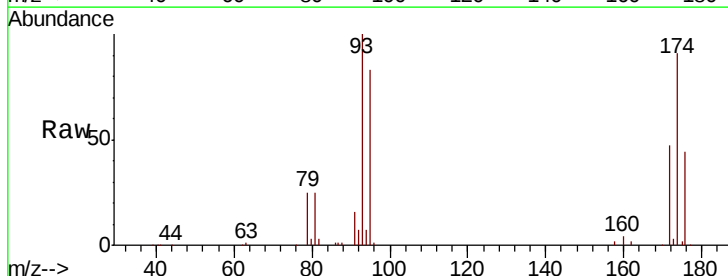
Tgt Ion: 93 Resp: 119687

Ion Ratio Lower Upper

93 100

95 82.8 66.5 99.7

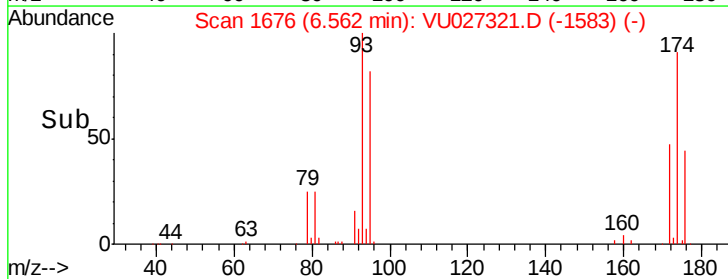
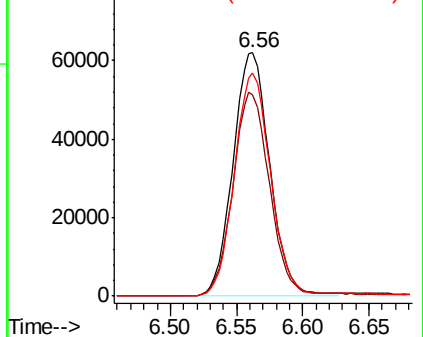
174 91.2 72.5 108.7

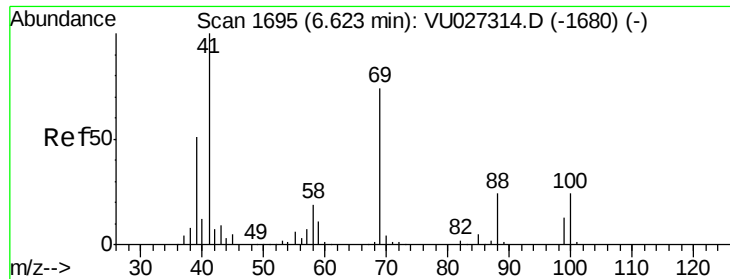


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#48

Methyl methacrylate

Concen: 39.685 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.19 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

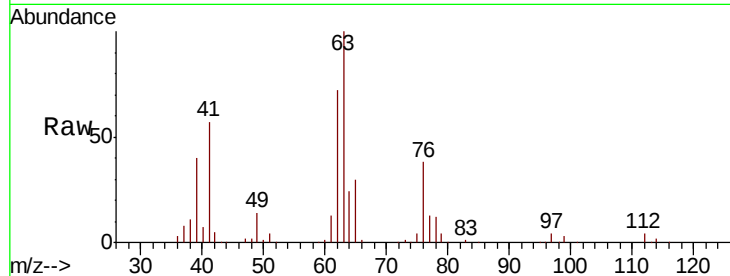
Tot Ion: 41 Resp: 85539

Ion Ratio Lower Upper

41 100

69 0.0 61.0 91.4#

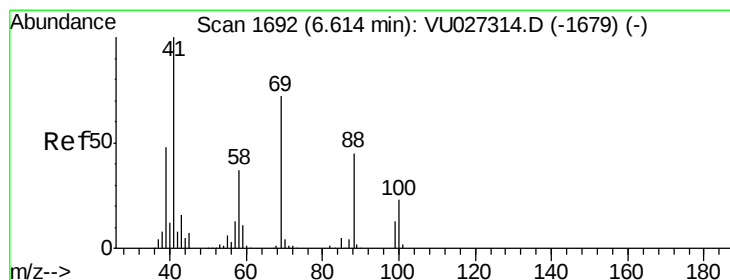
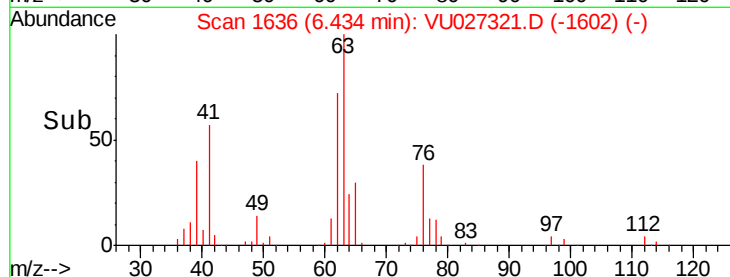
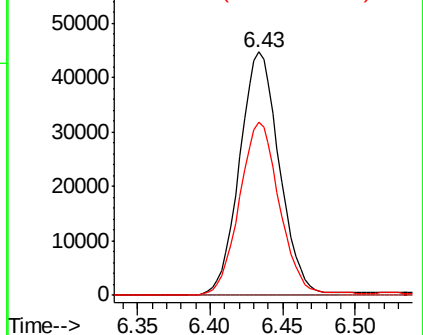
39 71.0 39.9 59.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#49

1,4-Dioxane

Concen: 15.424 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.05 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

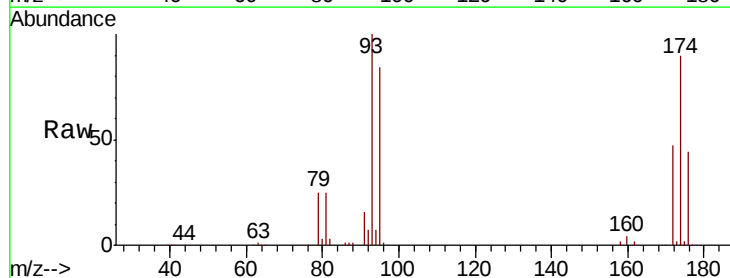
Tgt Ion: 88 Resp: 572

Ion Ratio Lower Upper

88 100

43 0.0 30.8 46.2#

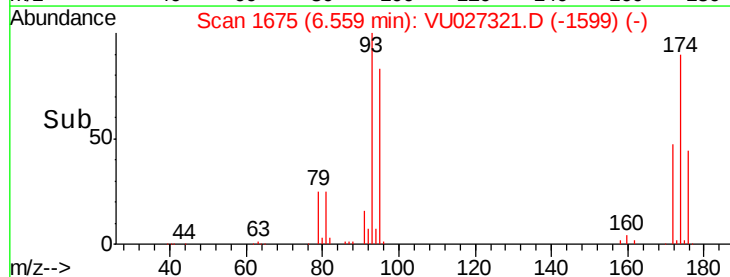
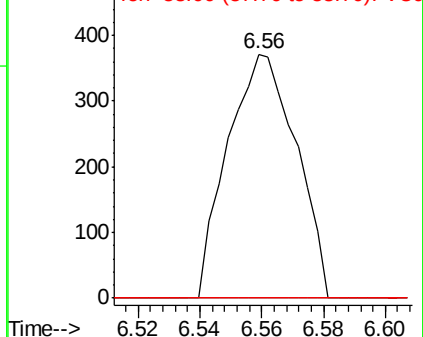
58 0.0 67.0 100.6#

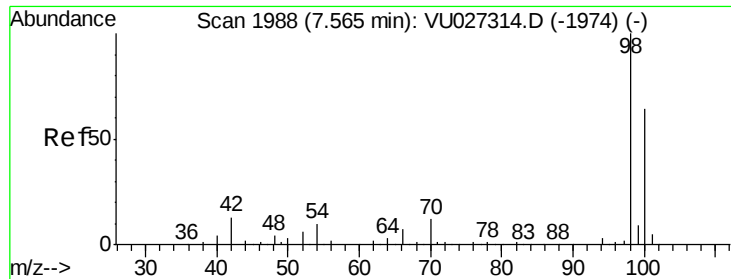


Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#50

Toluene-d8

Concen: 50.845 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

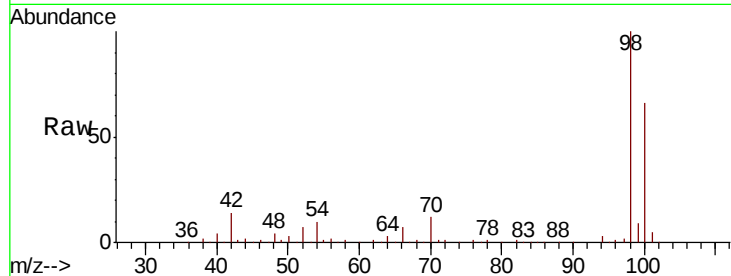
PT-VOA-WP

Tot Ion: 98 Resp: 259370

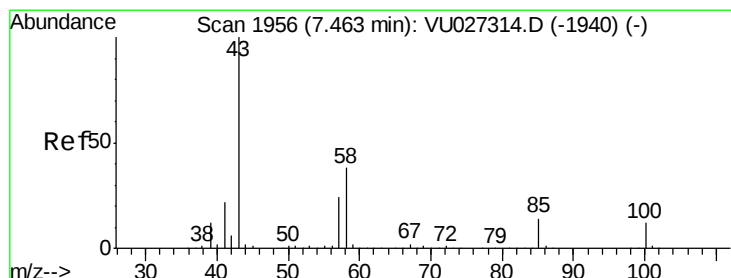
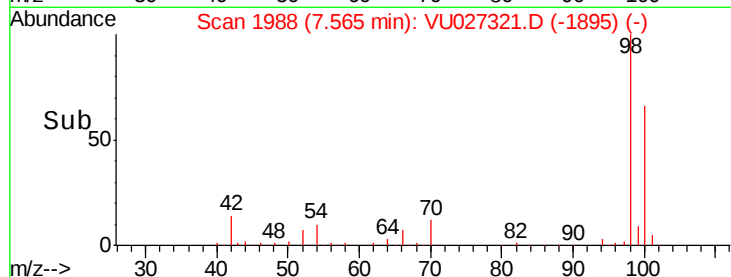
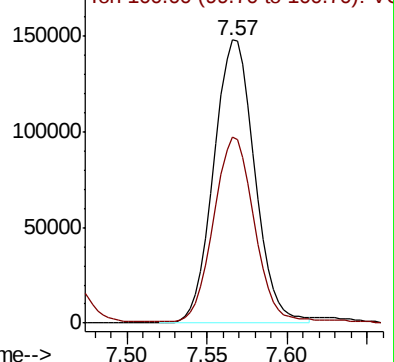
Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027321.D (-1895) (-)



#51

4-Methyl-2-Pentanone

Concen: 141.323 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027321.D

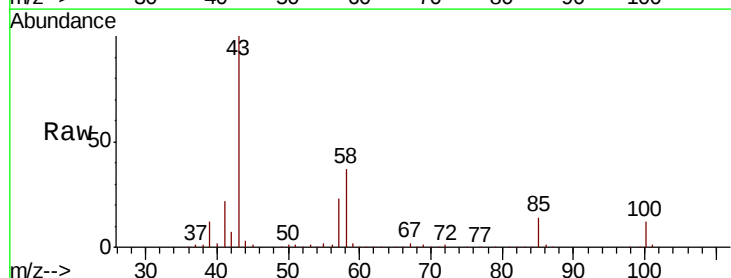
Acq: 01 Oct 2018 16:24

Tgt Ion: 43 Resp: 398039

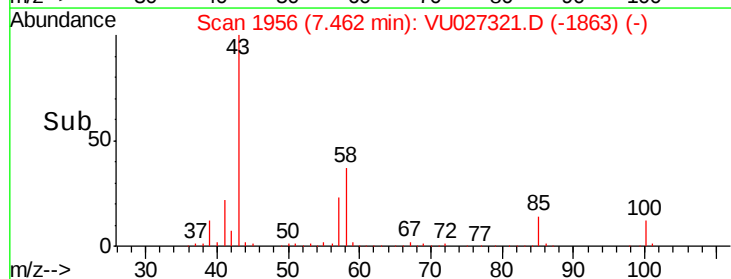
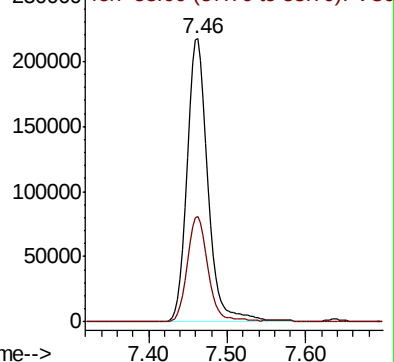
Ion Ratio Lower Upper

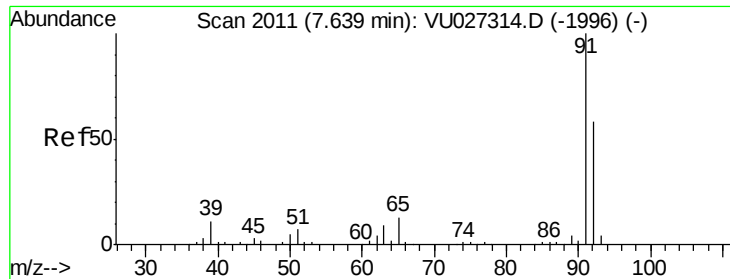
43 100

58 37.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027321.D (-1863) (-)





#52

Toluene

Concen: 45.646 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

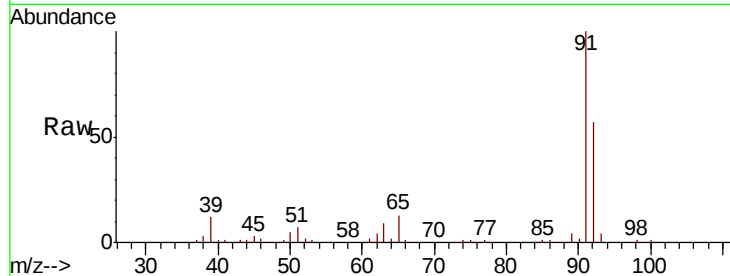
PT-VOA-WP

Tot Ion: 92 Resp: 169938

Ion Ratio Lower Upper

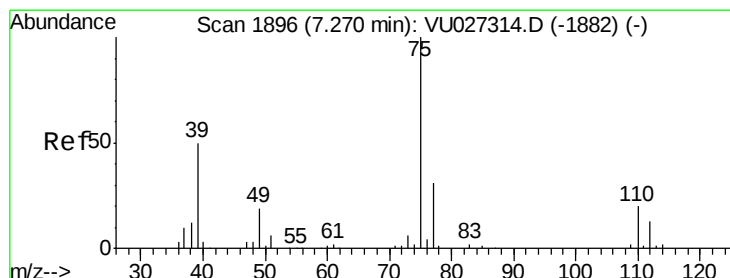
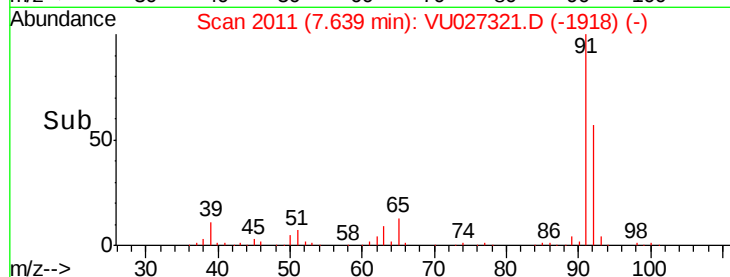
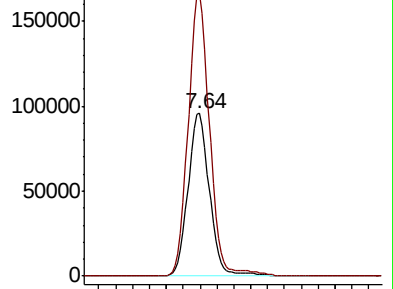
92 100

91 173.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#54

cis-1,3-Dichloropropene

Concen: 102.944 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

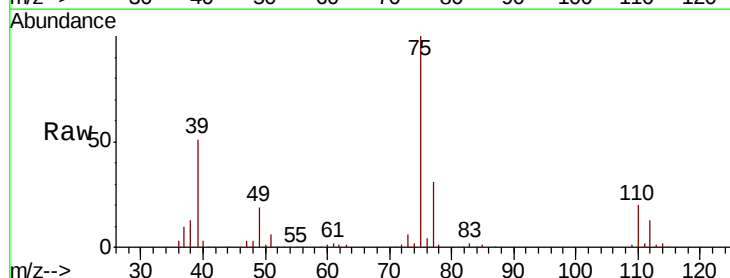
Tgt Ion: 75 Resp: 275879

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7

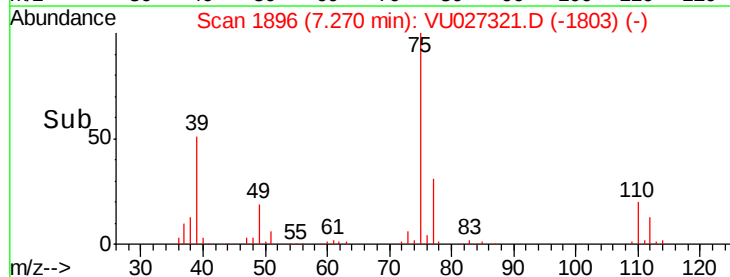
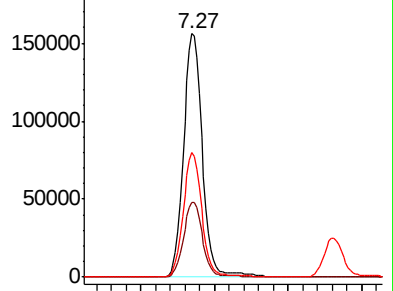
39 51.0 40.1 60.1

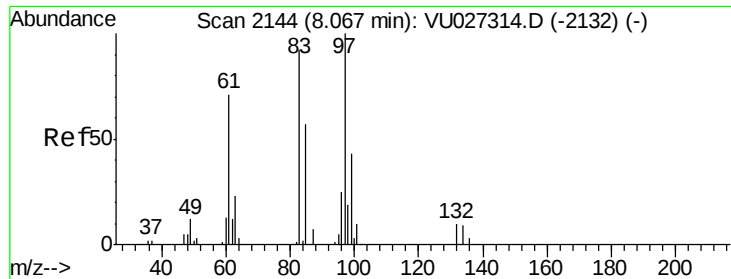


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

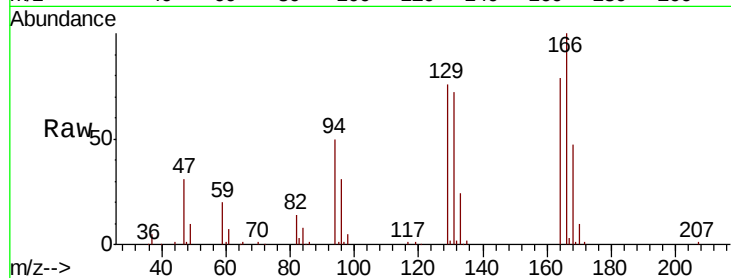




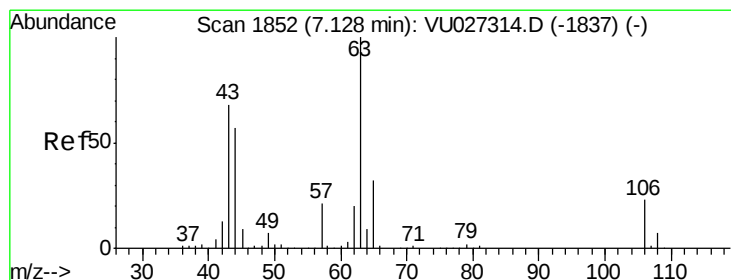
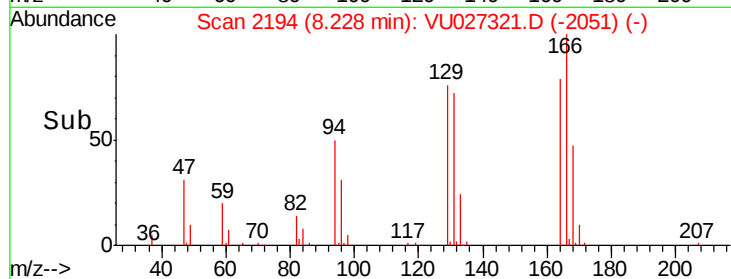
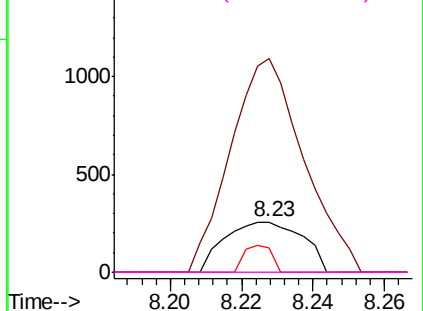
#55
 1,1,2-Trichloroethane
 Concen: 0.261 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.16 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

Tot Ion: 97 Resp: 386
 Ion Ratio Lower Upper
 97 100
 83 424.5 73.0 109.6#
 85 48.6 47.3 70.9
 99 0.0 49.7 74.5#

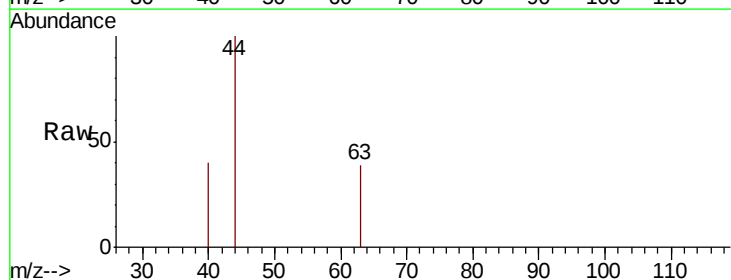


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

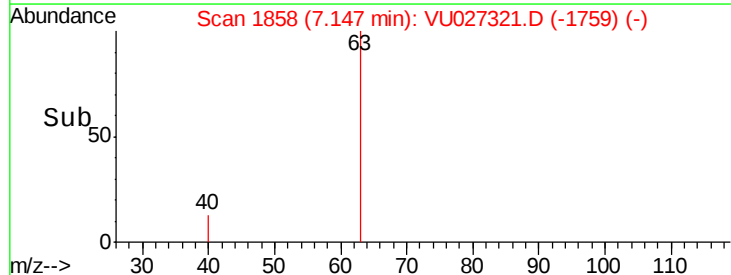
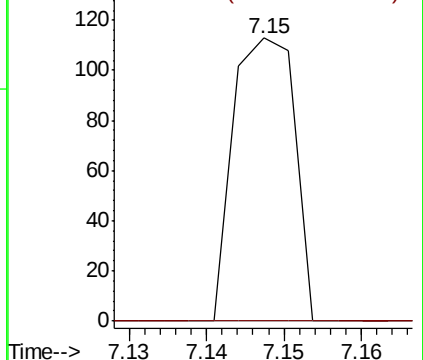


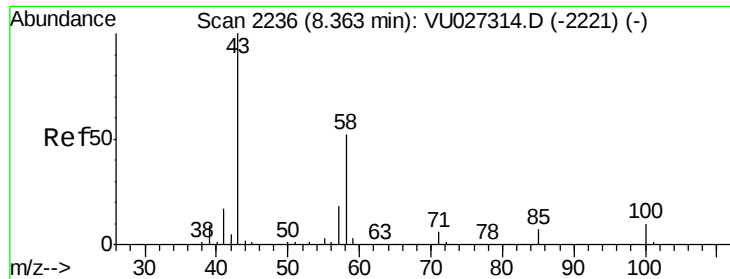
#58
 2-Chloroethyl Vinyl ether
 Concen: 8.269 ug/l
 RT: 7.15 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion: 63 Resp: 62
 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

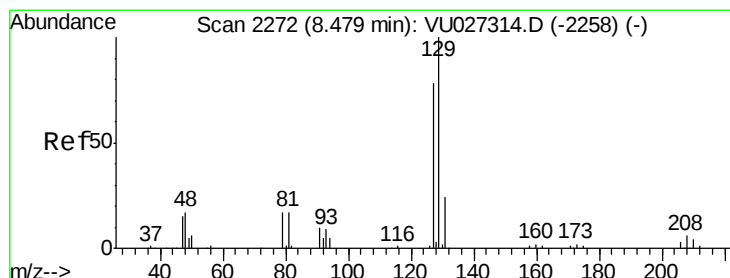
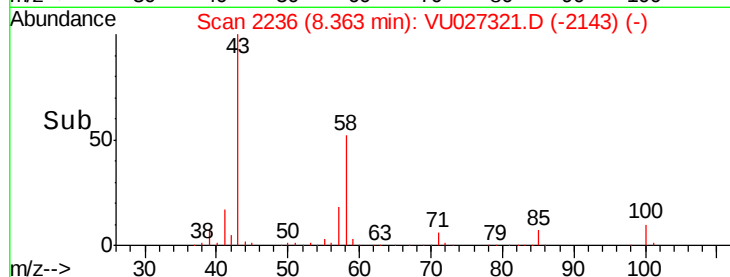
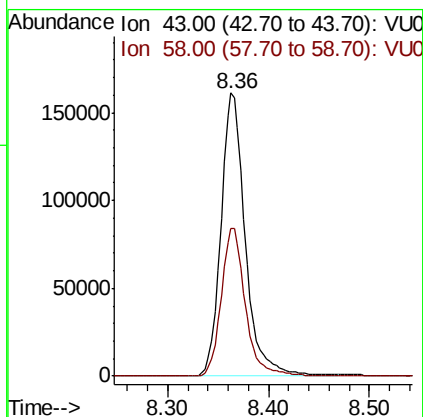
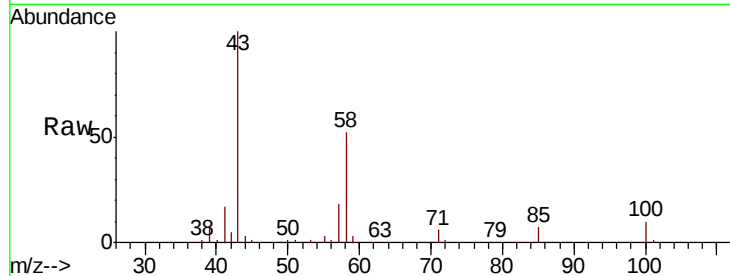




#59
2-Hexanone
Concen: 124.213 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

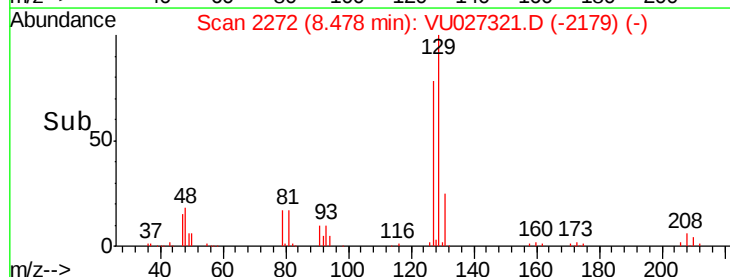
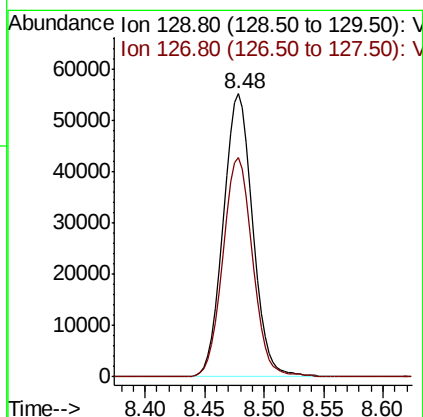
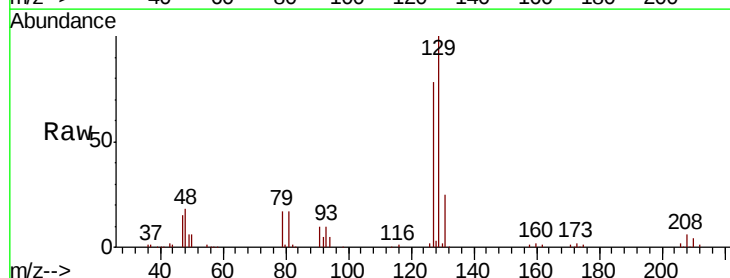
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

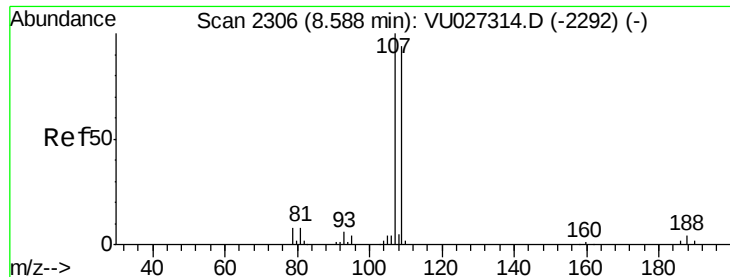
Tot Ion: 43 Resp: 271385
Ion Ratio Lower Upper
43 100
58 51.9 26.1 78.3



#60
Dibromochloromethane
Concen: 64.011 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion:129 Resp: 94766
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 90.812 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

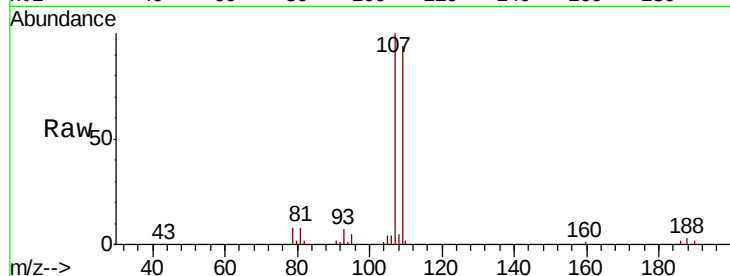
PT-VOA-WP

Tot Ion:107 Resp: 142523

Ion Ratio Lower Upper

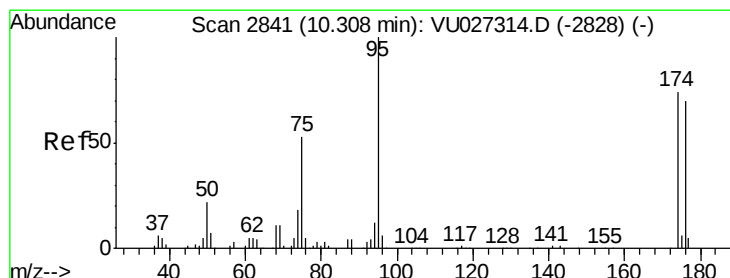
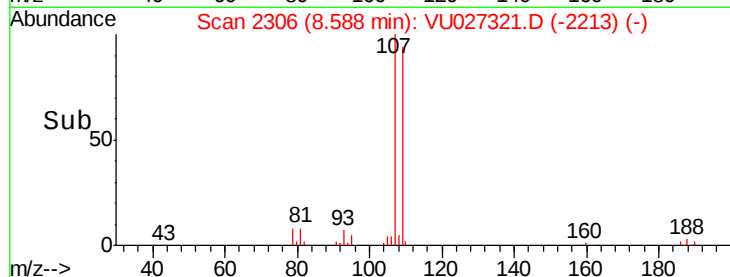
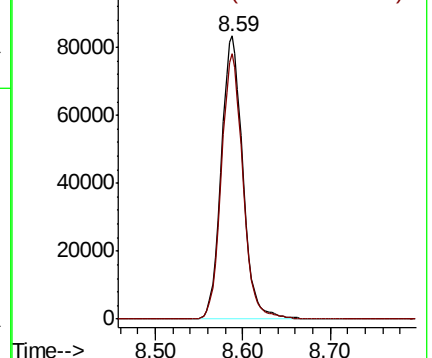
107 100

109 93.8 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.503 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

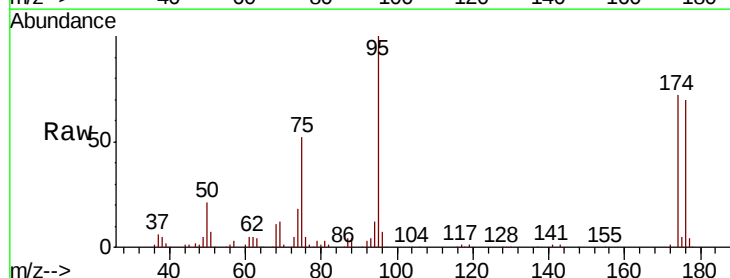
Tgt Ion: 95 Resp: 91951

Ion Ratio Lower Upper

95 100

174 72.8 0.0 147.8

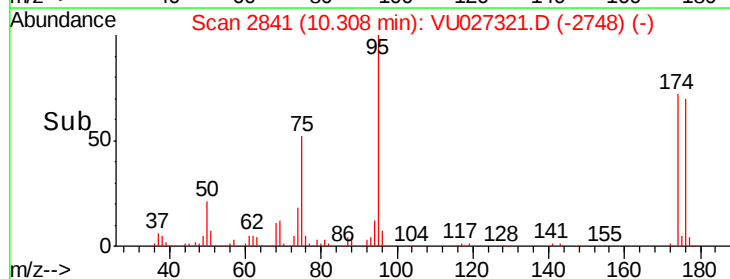
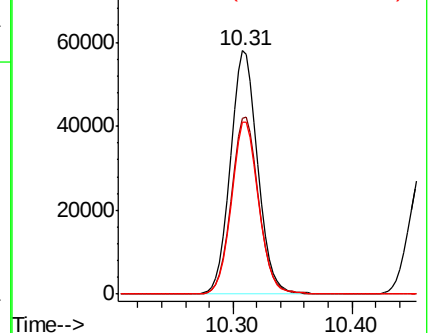
176 70.4 0.0 140.8

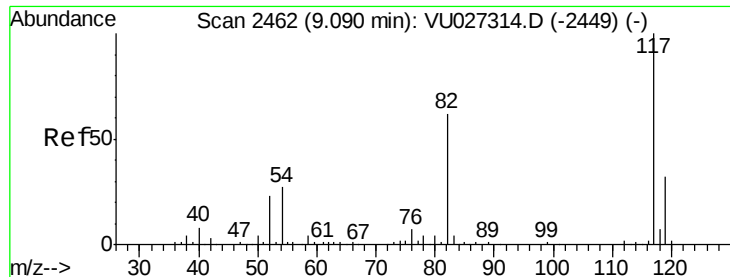


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

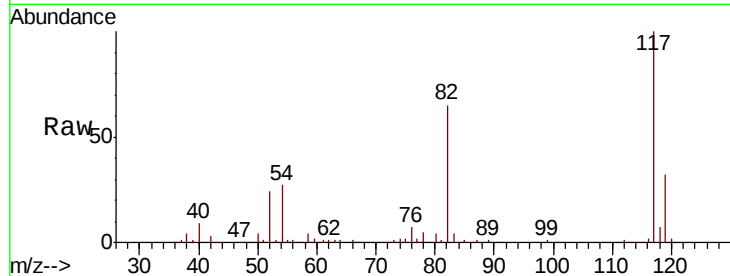




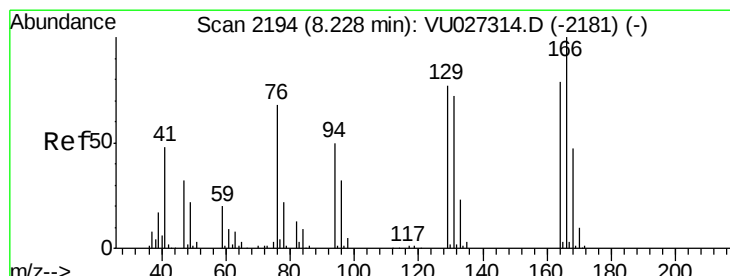
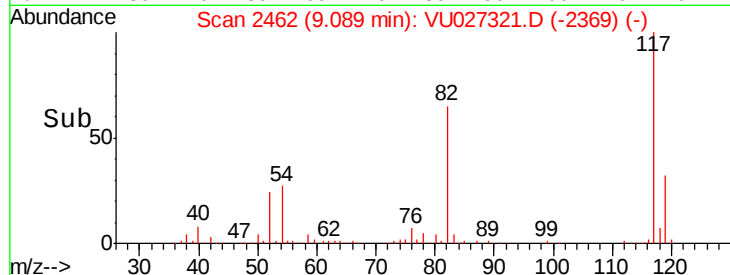
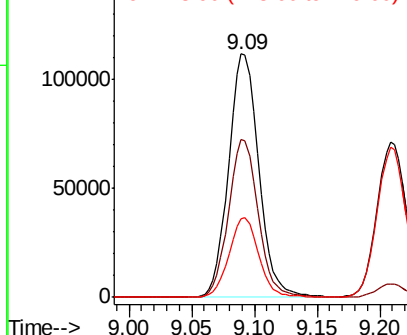
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

Tot Ion:117 Resp: 187272
Ion Ratio Lower Upper
117 100
82 64.7 49.2 73.8
119 32.3 25.7 38.5



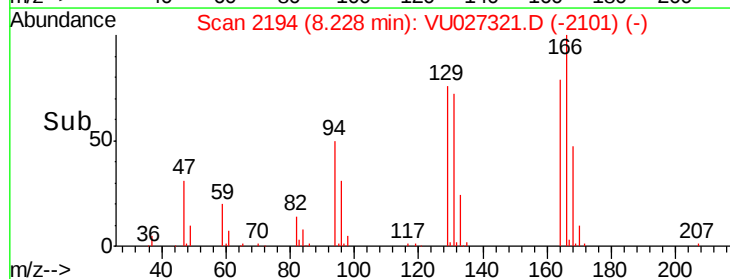
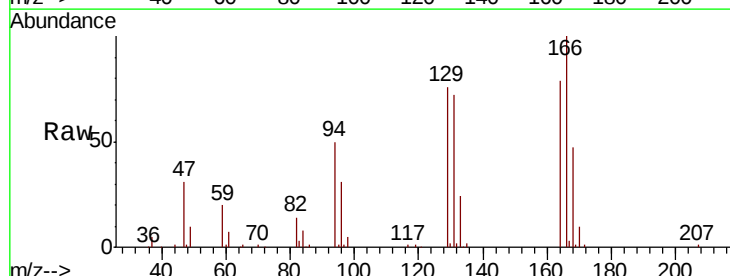
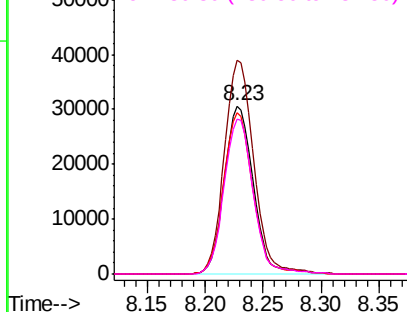
Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

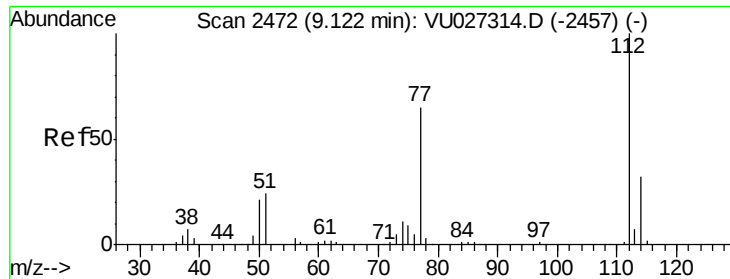


#64
Tetrachloroethene
Concen: 45.488 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion:164 Resp: 53030
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.6
129 96.5 78.0 117.0
131 92.1 72.6 109.0

Abundance Ion 163.80 (163.50 to 164.50): V
60000 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

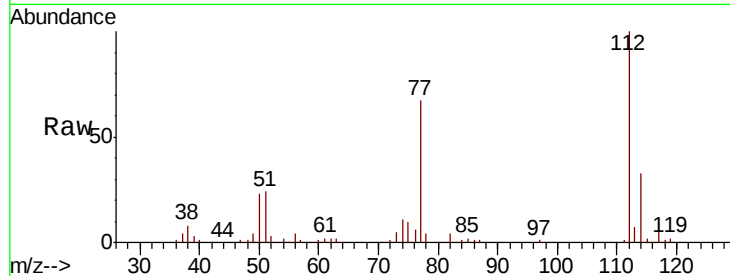




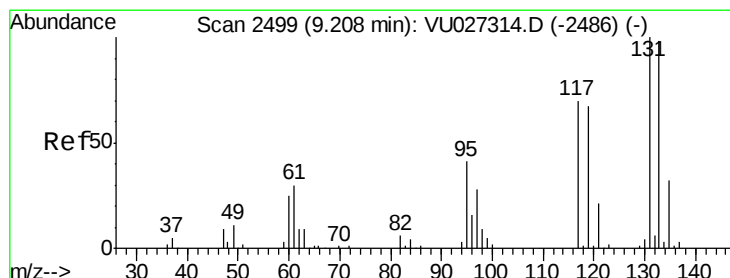
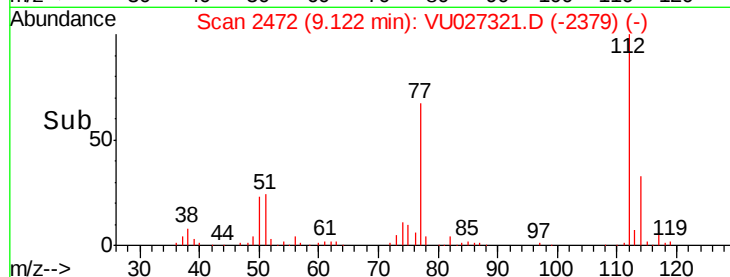
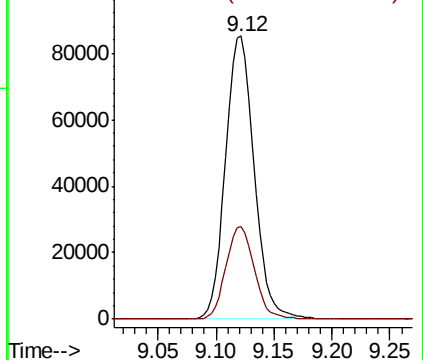
#65
Chlorobenzene
Concen: 36.939 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

Tot Ion:112 Resp: 145610
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

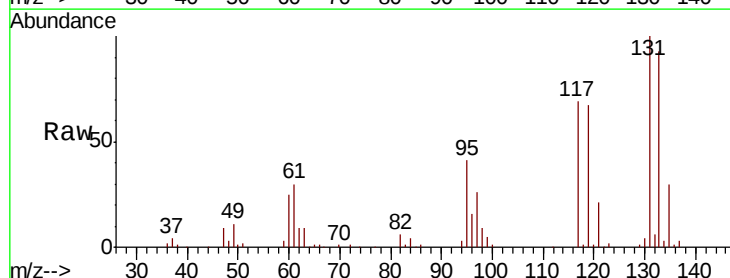


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

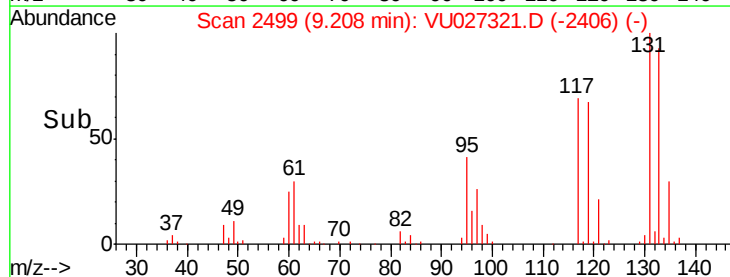
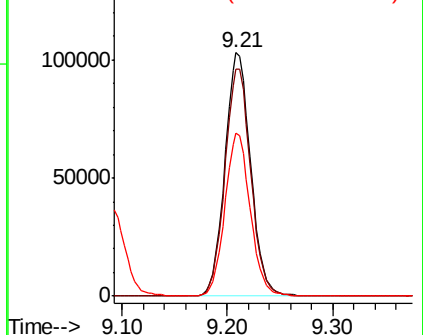


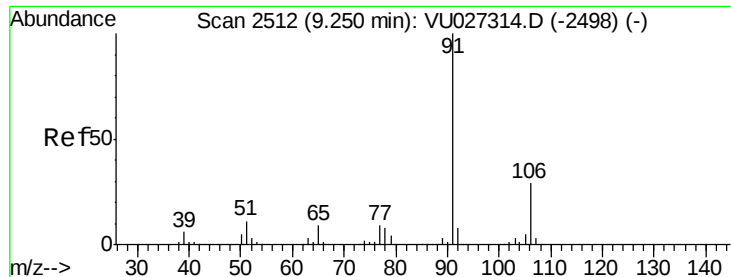
#66
1,1,1,2-Tetrachloroethane
Concen: 127.186 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion:131 Resp: 173077
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.6
119 66.2 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

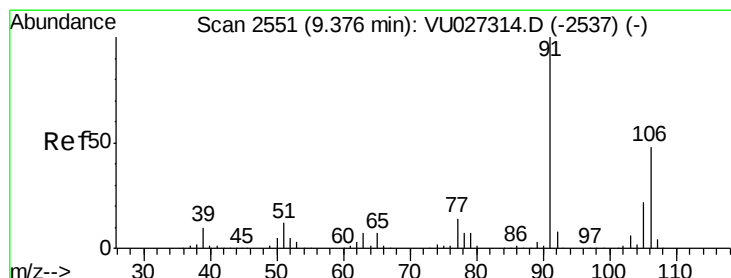
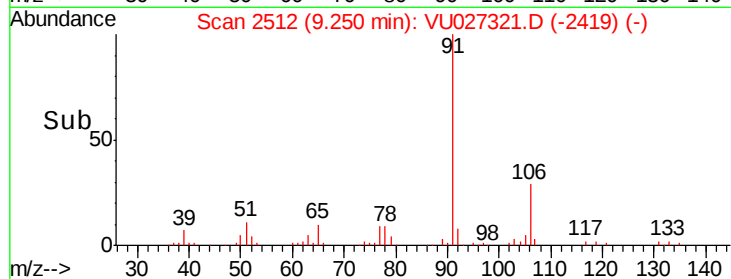
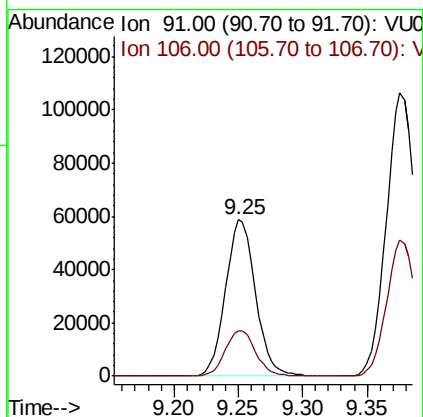
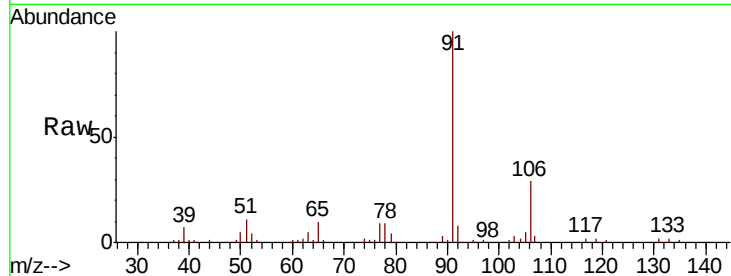




#67
Ethyl Benzene
Concen: 13.626 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

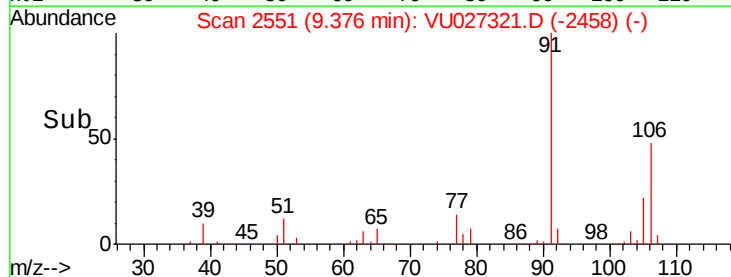
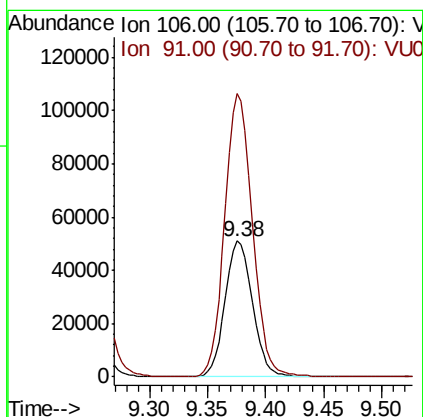
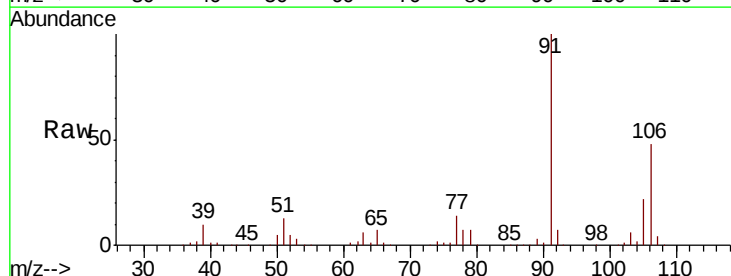
Instrument :
MSVOA_U
ClientSampled :
PT-VOA-WP

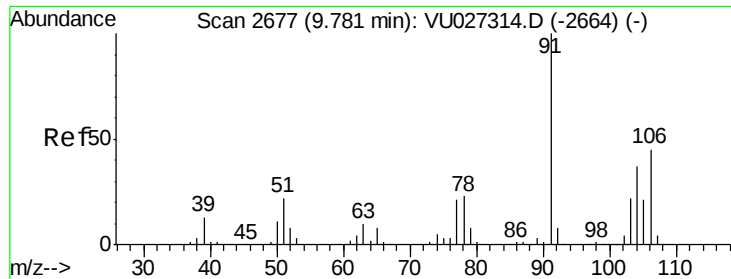
Tot Ion: 91 Resp: 95165
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4



#68
m/p-Xylenes
Concen: 32.848 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion: 106 Resp: 83915
Ion Ratio Lower Upper
106 100
91 209.0 168.1 252.1

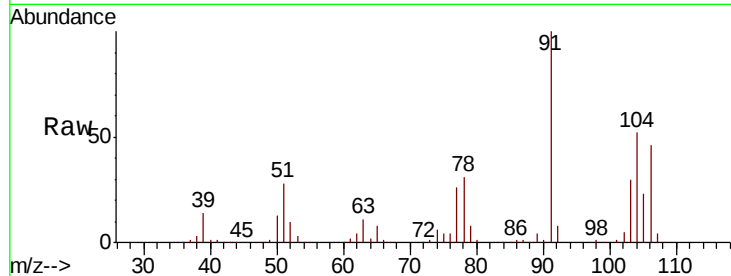




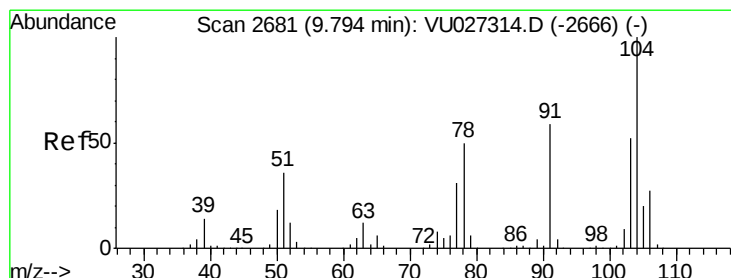
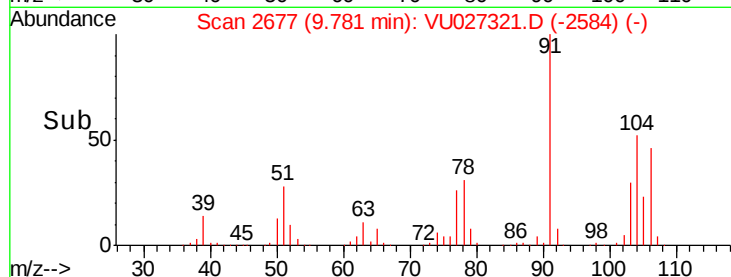
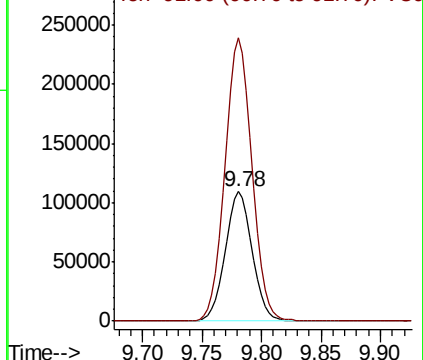
#69
o-Xylene
Concen: 70.477 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

Tot Ion:106 Resp: 171094
Ion Ratio Lower Upper
106 100
91 219.5 111.7 334.9

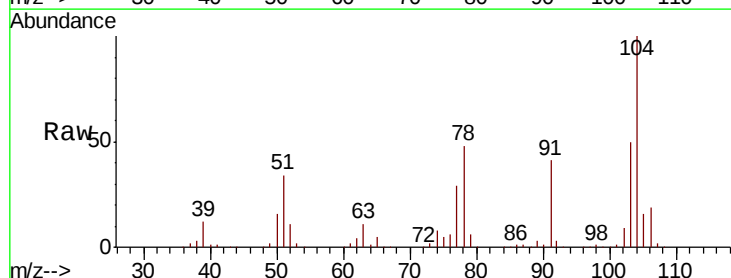


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

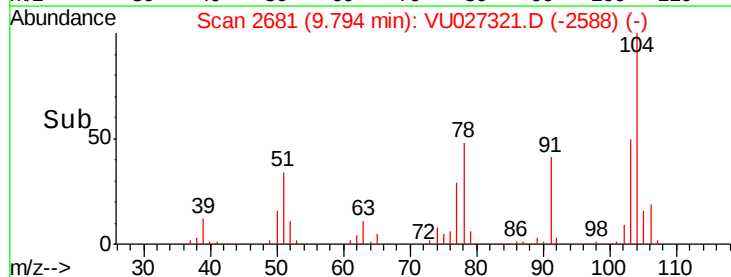
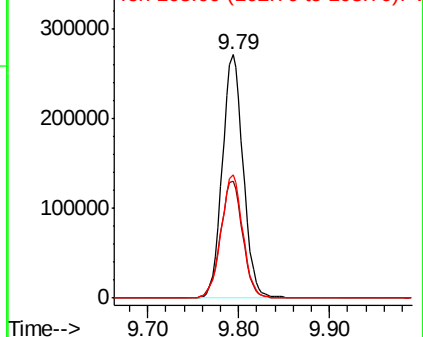


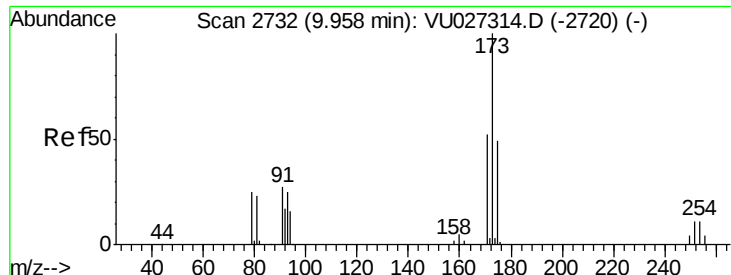
#70
Styrene
Concen: 92.889 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion:104 Resp: 430905
Ion Ratio Lower Upper
104 100
78 51.3 42.9 64.3
103 52.6 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: 83.588 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

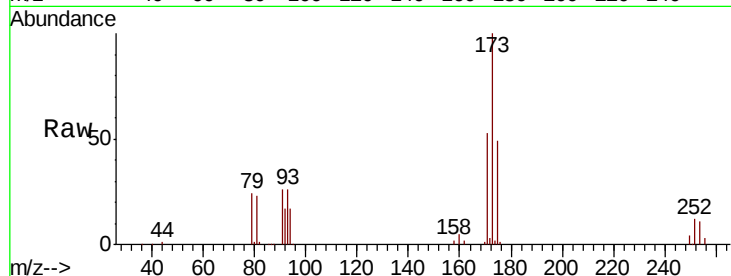
Tot Ion:173 Resp: 91517

Ion Ratio Lower Upper

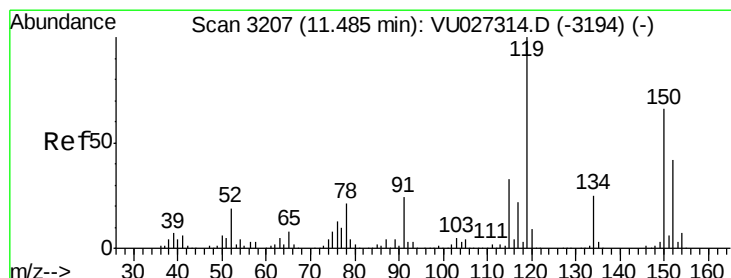
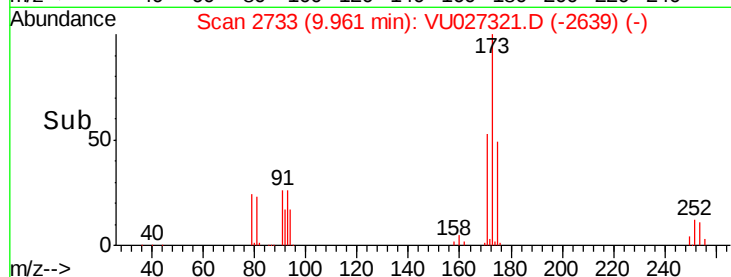
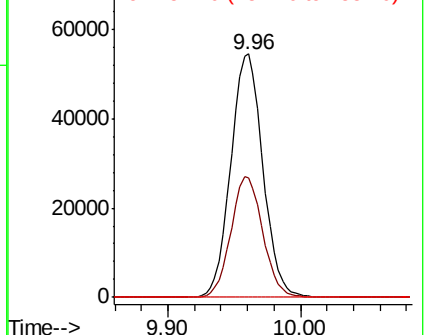
173 100

175 49.1 24.3 73.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

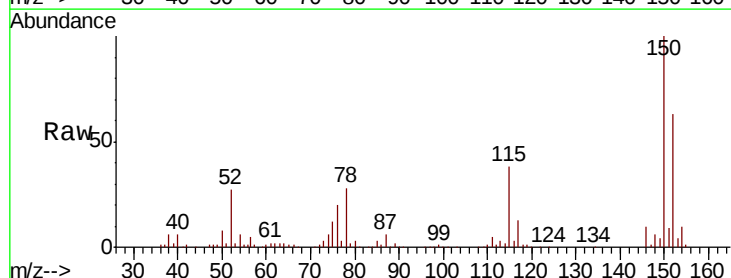
Tgt Ion:152 Resp: 90710

Ion Ratio Lower Upper

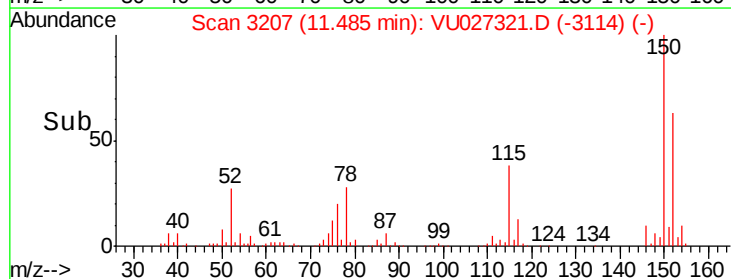
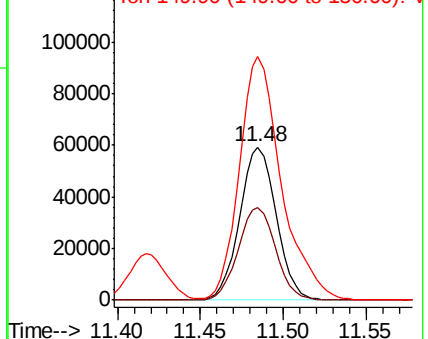
152 100

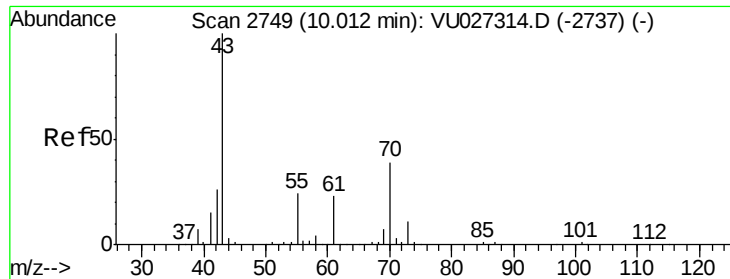
115 61.8 43.4 130.2

150 183.1 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





#74

N-amvl acetate

Concen: 0.227 ug/l

RT: 9.79 min Scan# 2679

Delta R.T. -0.23 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

Tot Ion: 43 Resp: 857

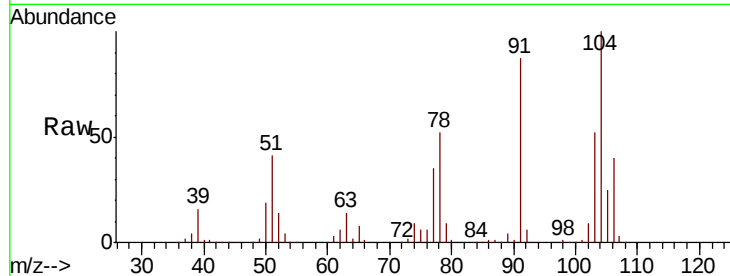
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 20.5 19.0 28.6

61 1226.0 18.5 27.7#

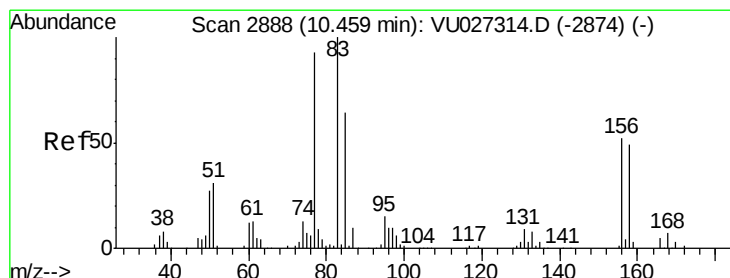
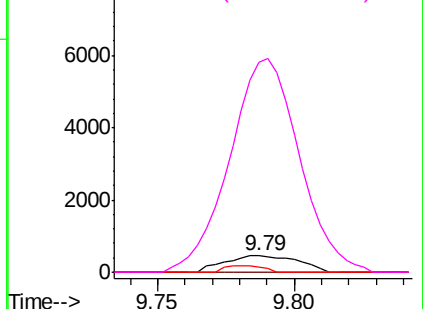
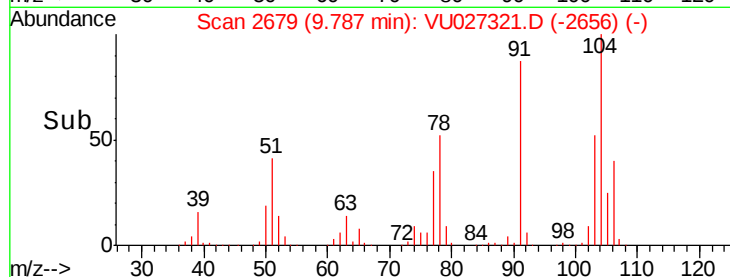


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 128.326 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

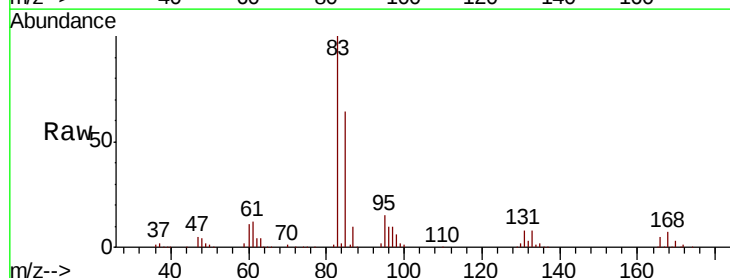
Tgt Ion: 83 Resp: 331964

Ion Ratio Lower Upper

83 100

131 8.3 4.4 13.2

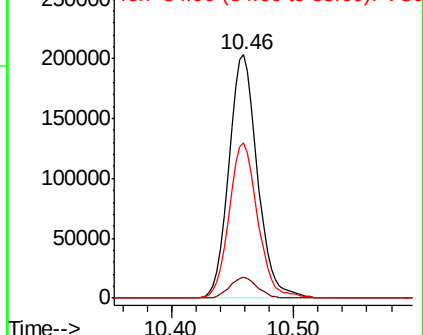
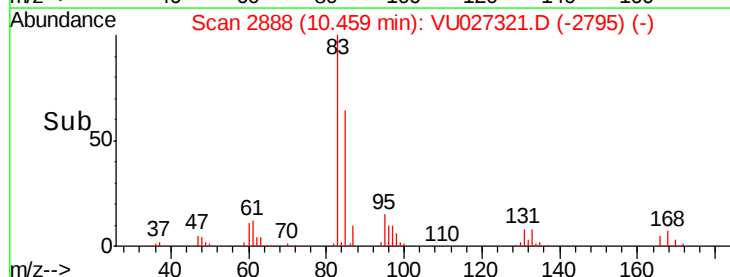
85 63.9 32.0 96.0

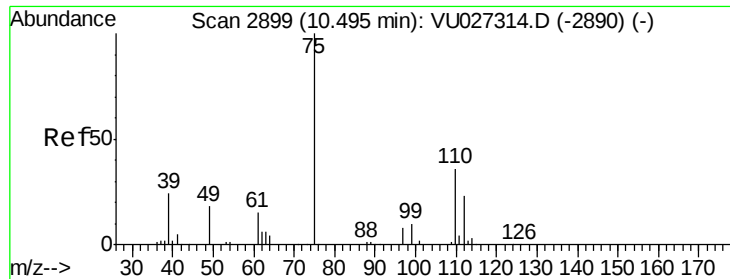


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 122.281 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

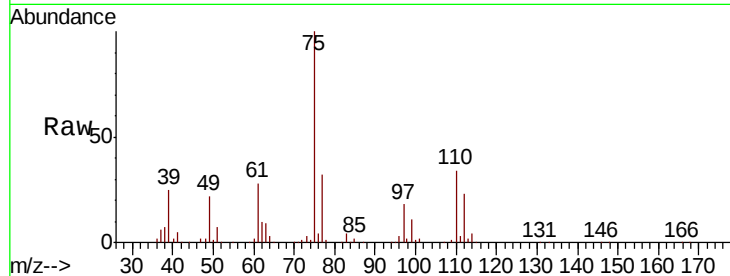
PT-VOA-WP

Tot Ion: 75 Resp: 287533

Ion Ratio Lower Upper

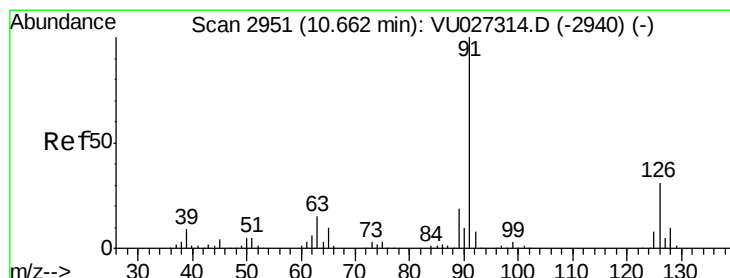
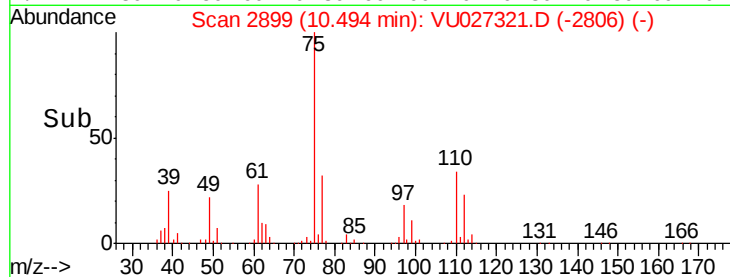
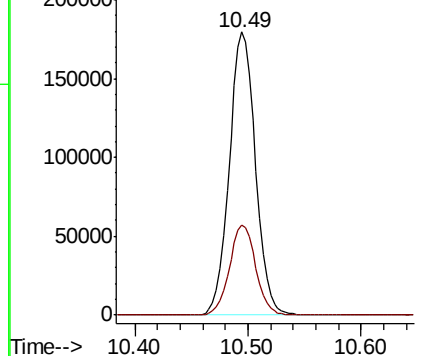
75 100

77 31.9 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: 0.324 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU027321.D

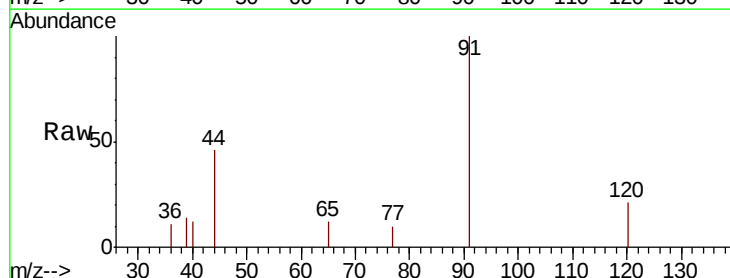
Acq: 01 Oct 2018 16:24

Tgt Ion: 91 Resp: 1550

Ion Ratio Lower Upper

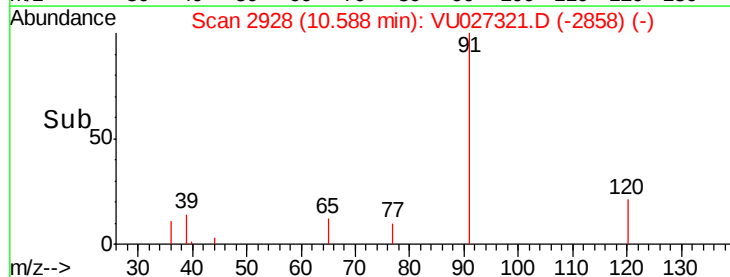
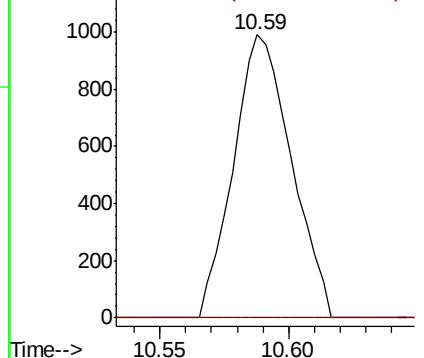
91 100

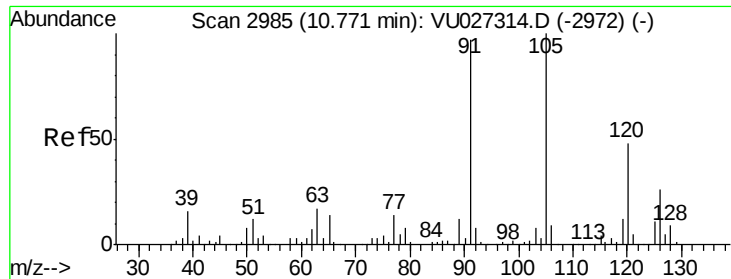
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 42.139 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampled :

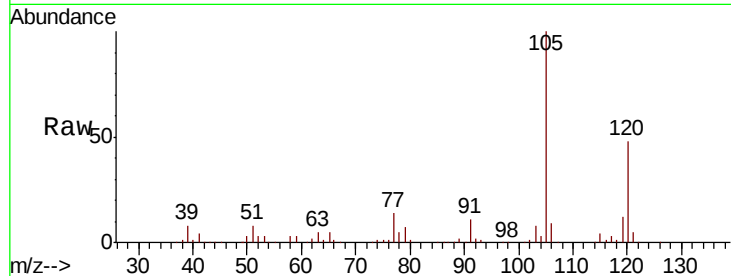
PT-VOA-WP

Tot Ion:105 Resp: 226020

Ion Ratio Lower Upper

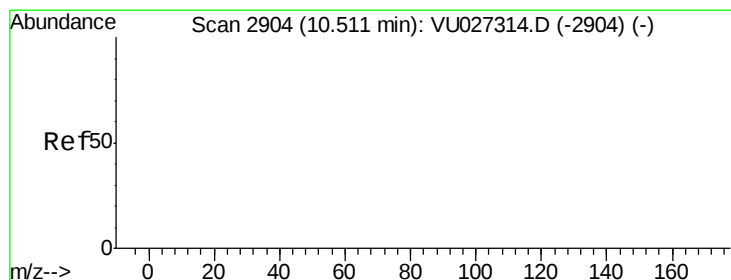
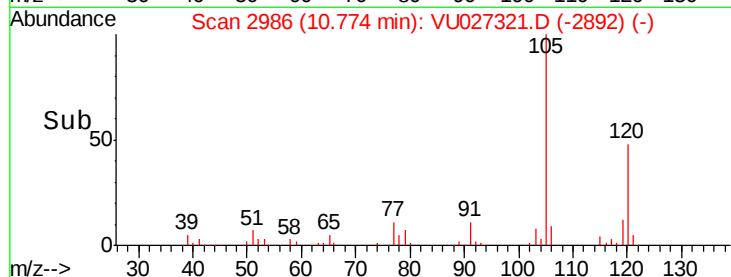
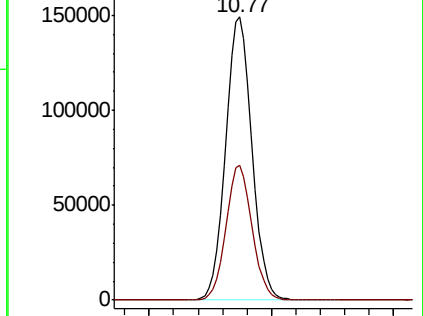
105 100

120 47.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 320.022 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

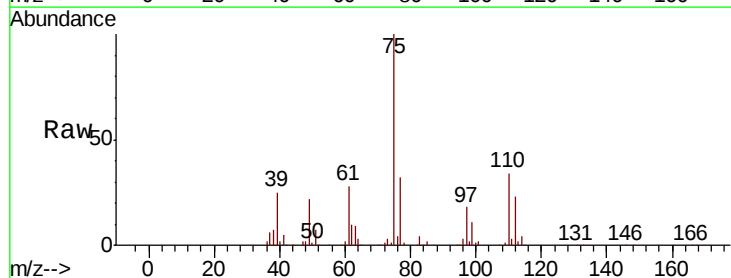
Tgt Ion: 75 Resp: 287533

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

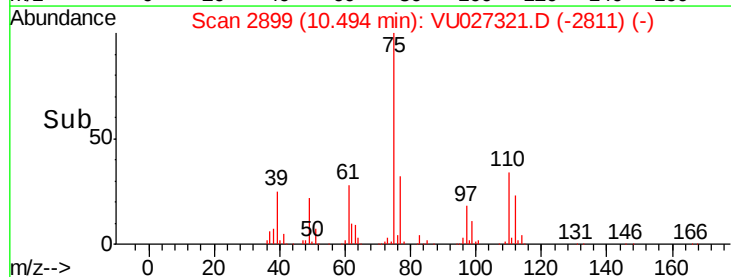
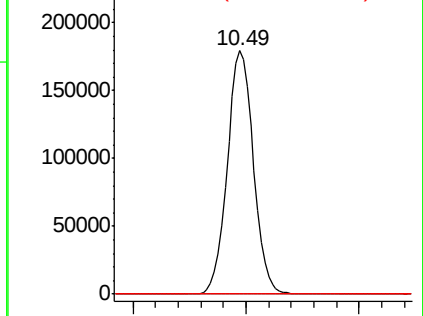
89 0.0 0.0 0.0

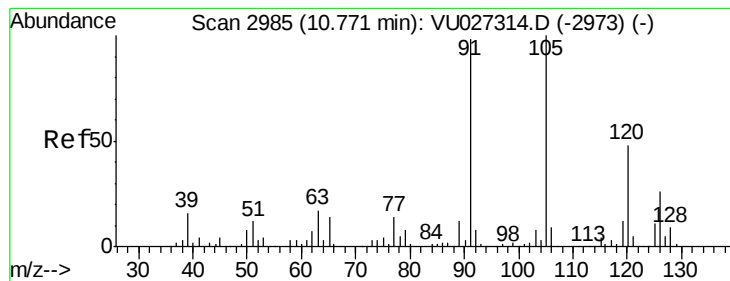


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 4.731 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

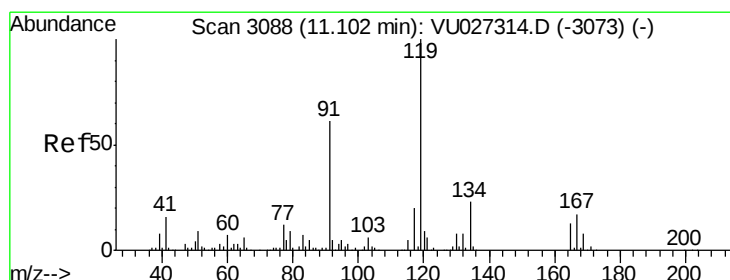
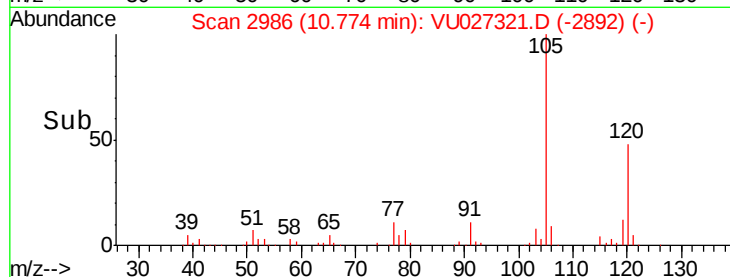
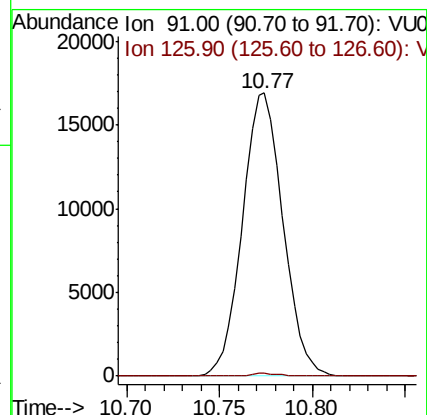
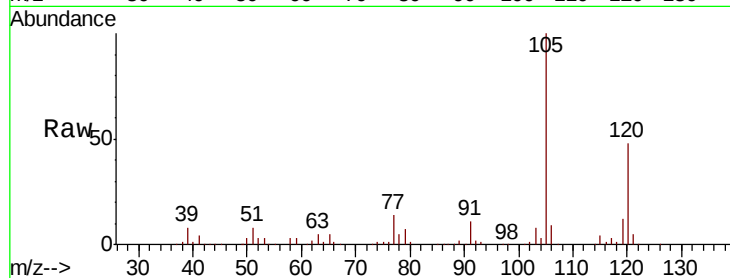
PT-VOA-WP

Tot Ion: 91 Resp: 25660

Ion Ratio Lower Upper

91 100

126 0.6 13.6 40.8#



#83

tert-Butylbenzene

Concen: 0.302 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

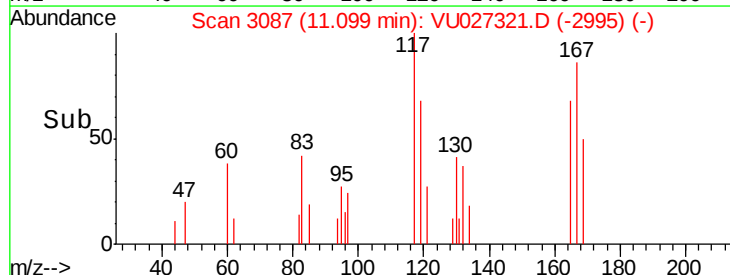
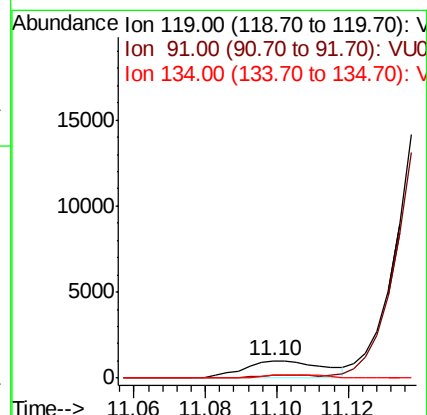
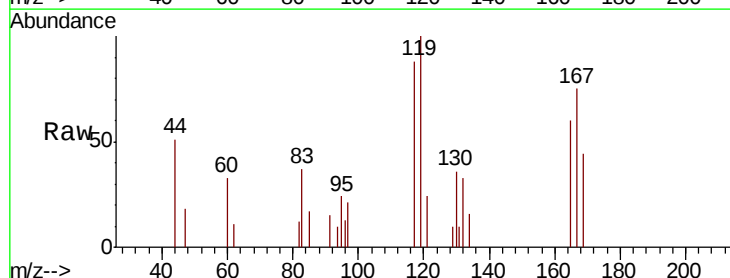
Tgt Ion: 119 Resp: 1567

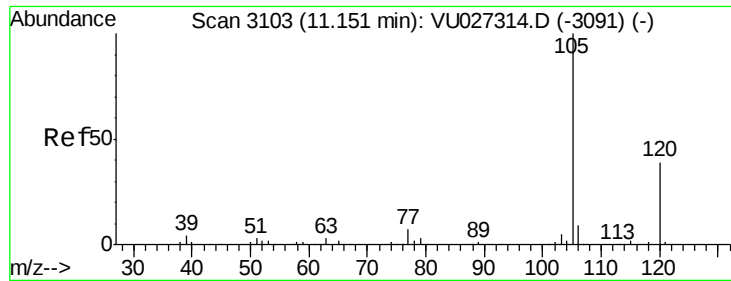
Ion Ratio Lower Upper

119 100

91 0.0 30.3 91.0#

134 13.9 11.5 34.4

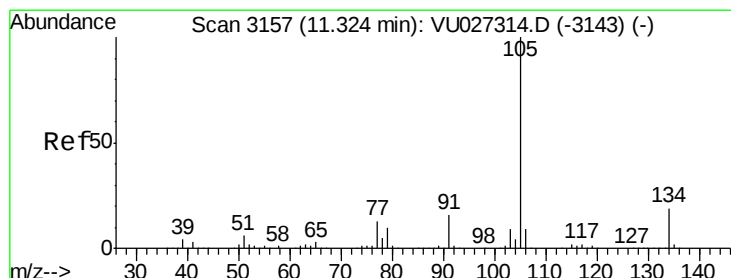
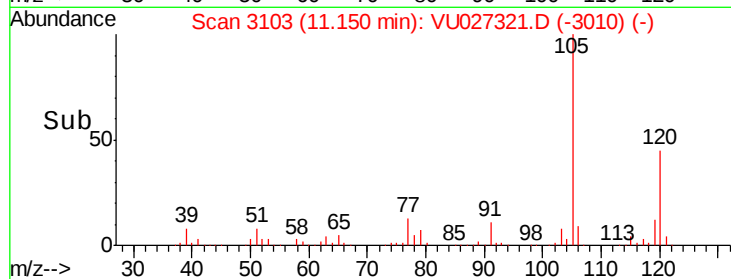
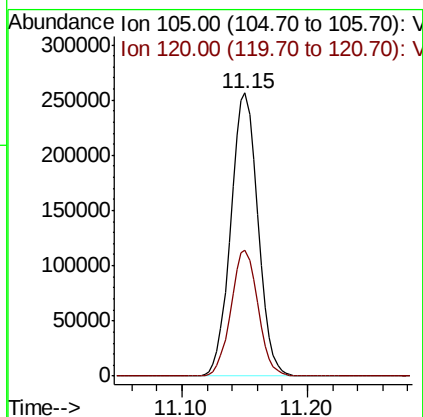
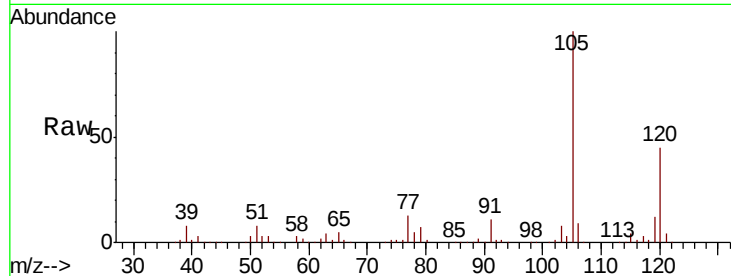




#84
 1,2,4-Trimethylbenzene
 Concen: 70.331 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

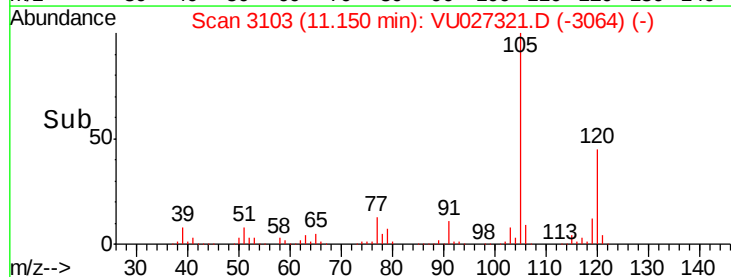
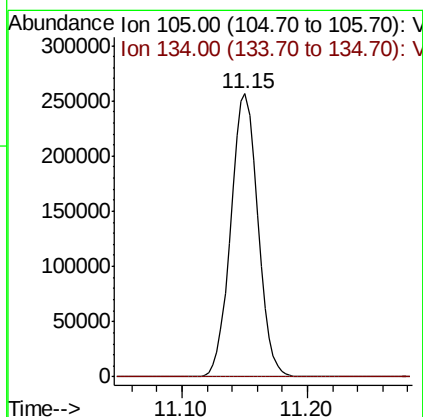
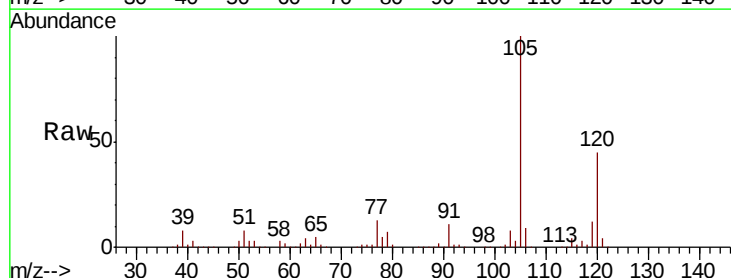
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

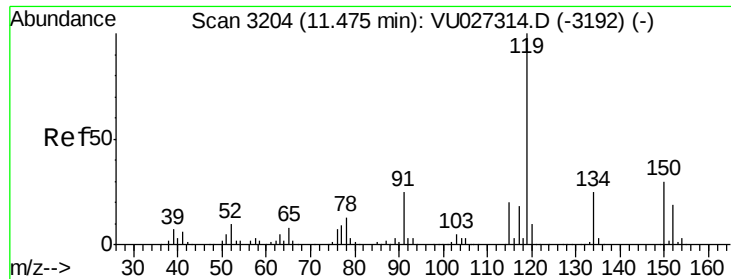
Tot Ion:105 Resp: 385347
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 58.981 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion:105 Resp: 385347
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

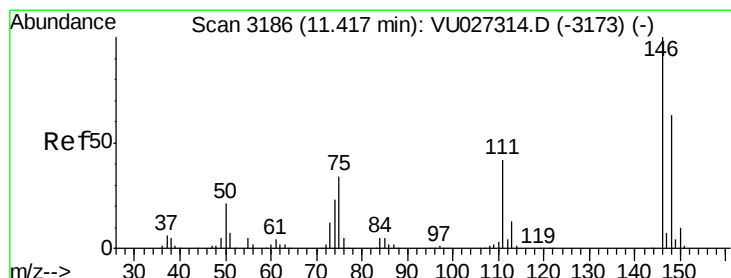
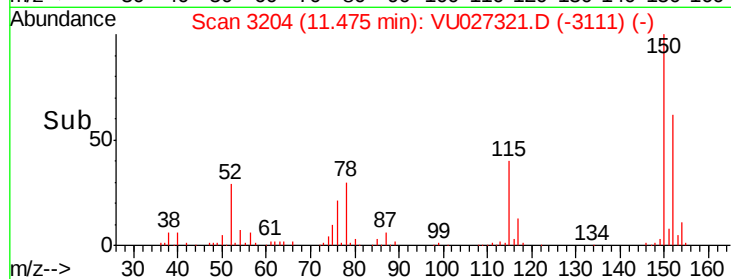
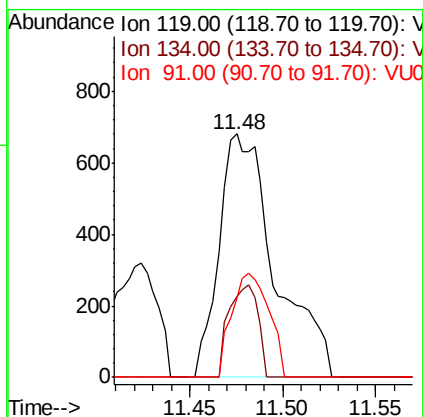
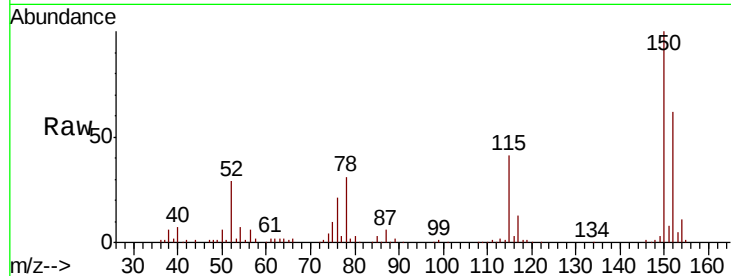




#86
 p-Isopropyltoluene
 Concen: 0.256 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

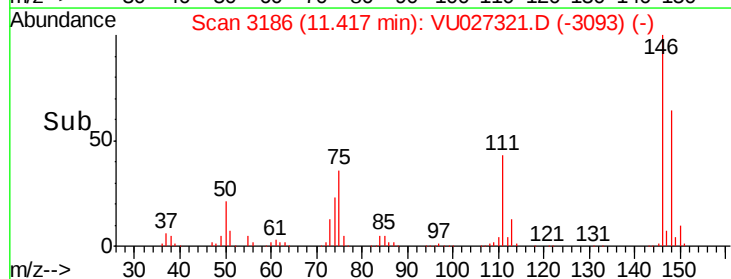
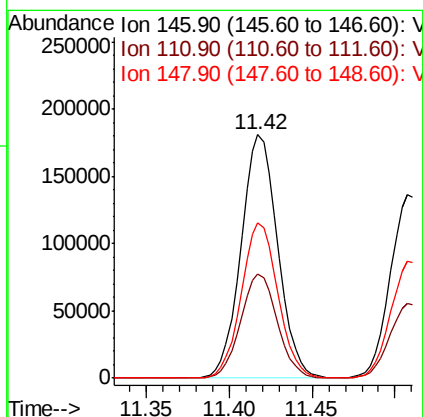
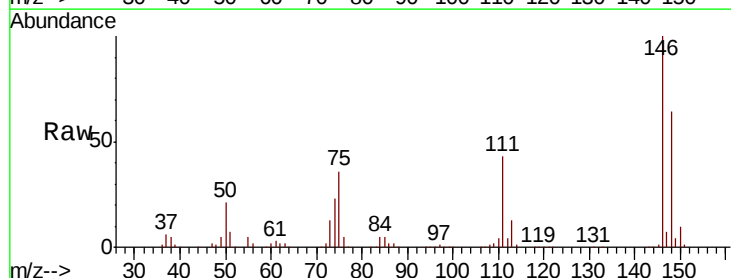
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

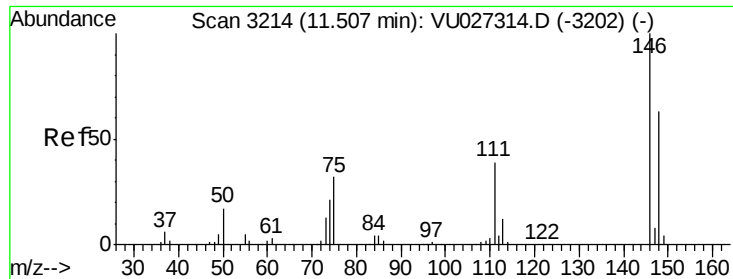
Tot Ion:119 Resp: 1432
 Ion Ratio Lower Upper
 119 100
 134 19.6 12.7 38.1
 91 28.1 12.2 36.4



#87
 1,3-Dichlorobenzene
 Concen: 95.868 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Tgt Ion:146 Resp: 277942
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 63.6 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 72.400 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

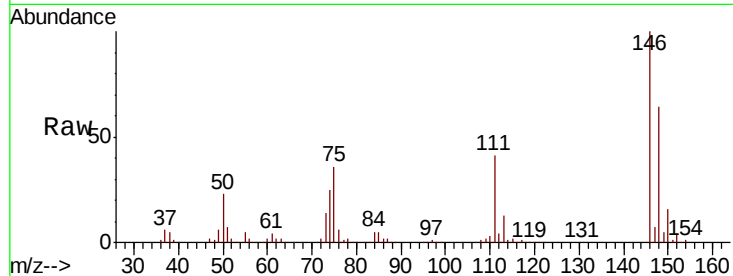
Tot Ion:146 Resp: 214494

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

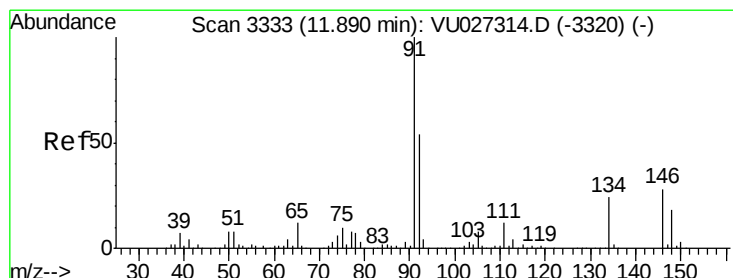
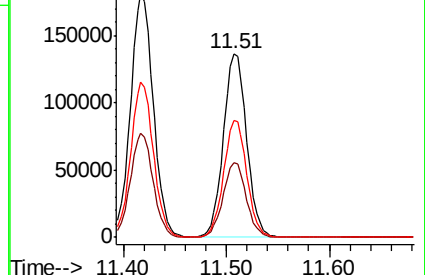
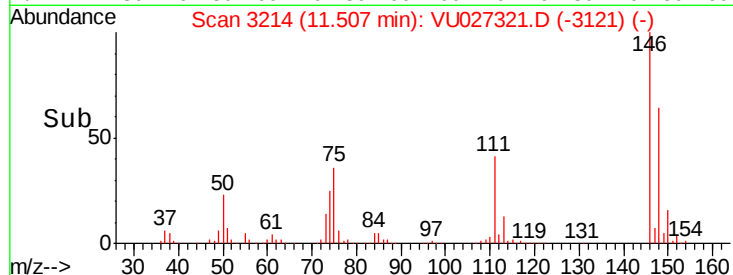
148 63.6 31.9 95.5



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: 2.121 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

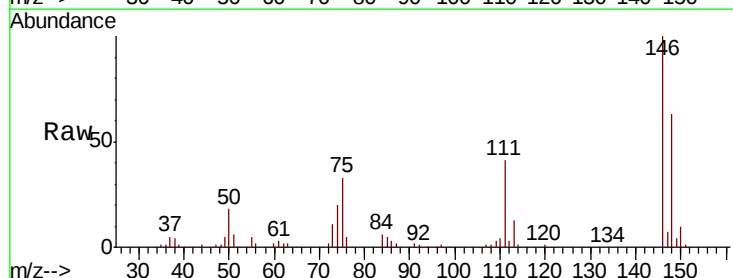
Tgt Ion: 91 Resp: 1057

Ion Ratio Lower Upper

91 100

92 51.1 27.0 81.0

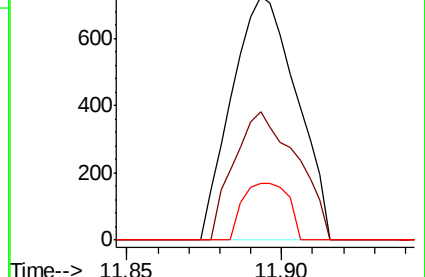
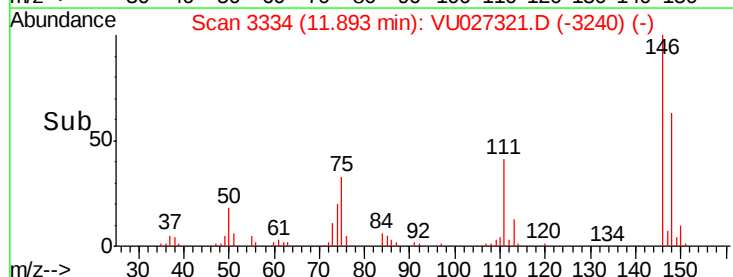
134 16.3 11.7 35.1

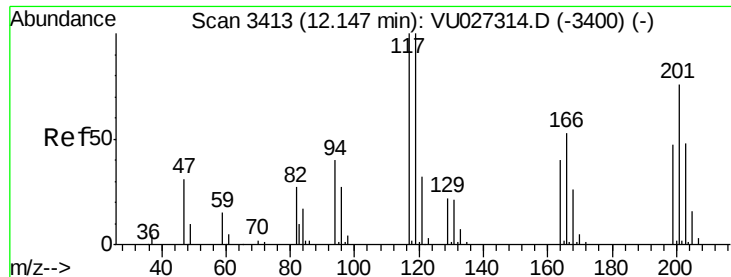


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

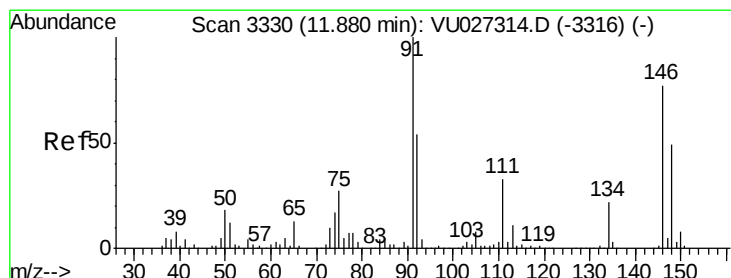
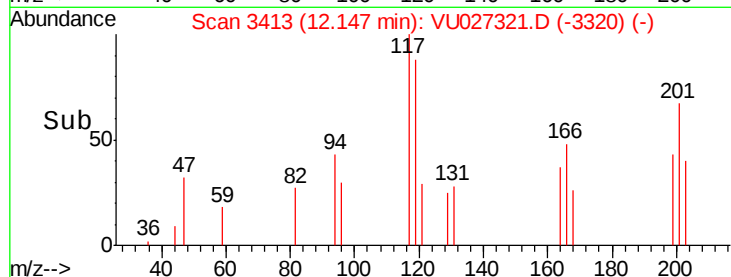
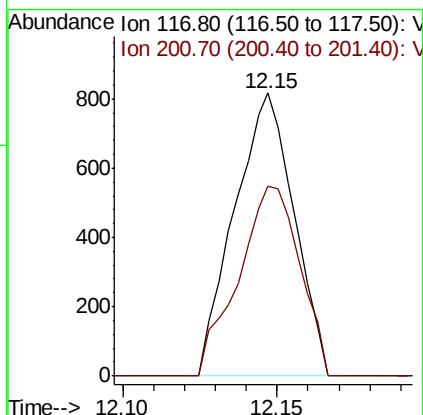
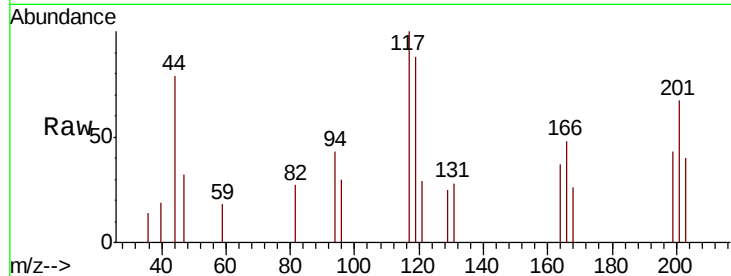




#90
Hexachloroethane
Concen: 1.035 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

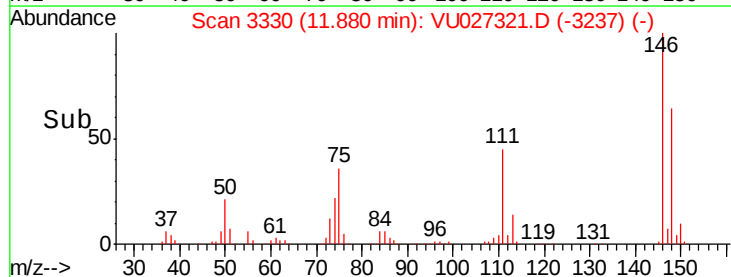
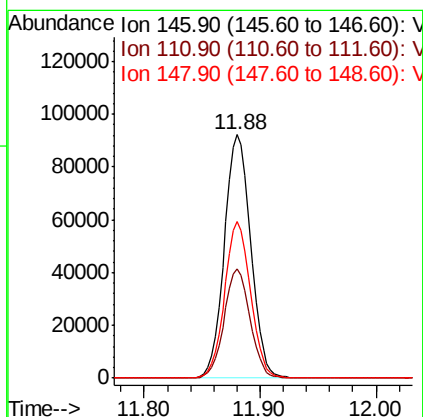
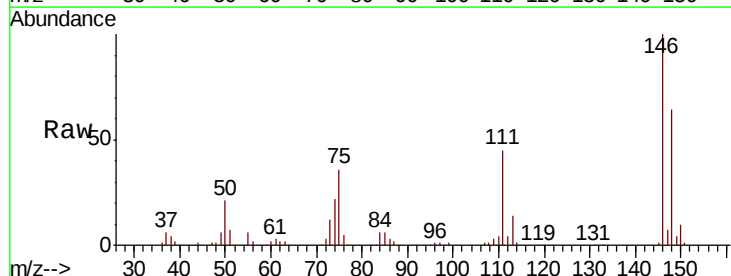
Instrument :
MSVOA_U
ClientSampleId :
PT-VOA-WP

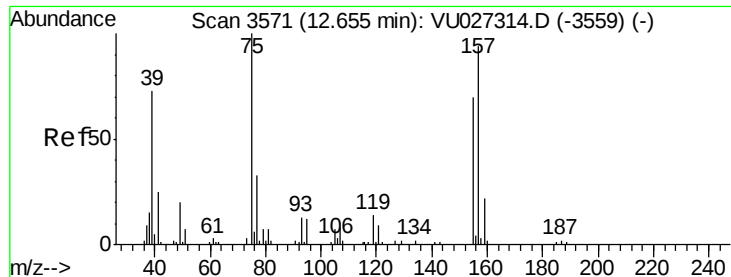
Tot Ion:117 Resp: 1091
Ion Ratio Lower Upper
117 100
201 69.3 37.9 113.6



#91
1,2-Dichlorobenzene
Concen: 51.619 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027321.D
Acq: 01 Oct 2018 16:24

Tgt Ion:146 Resp: 145673
Ion Ratio Lower Upper
146 100
111 44.0 21.8 65.4
148 63.1 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 71.444 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

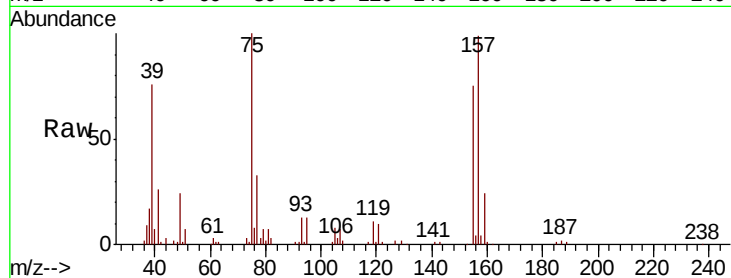
Tot Ion: 75 Resp: 40960

Ion Ratio Lower Upper

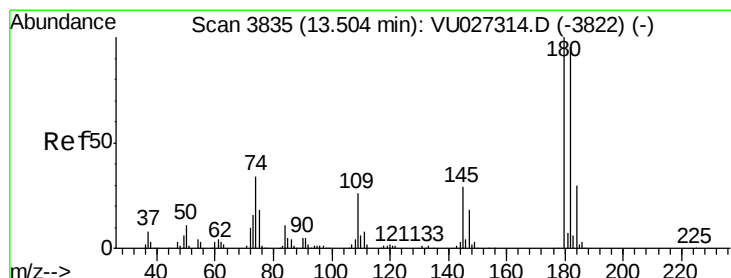
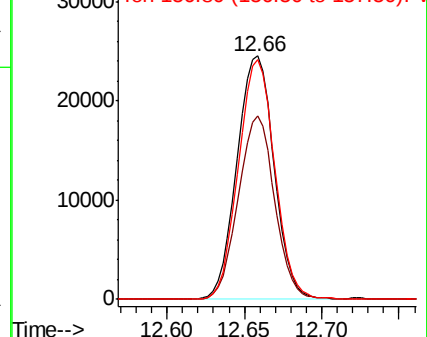
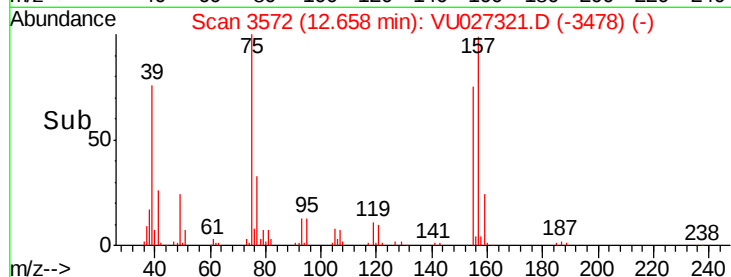
75 100

155 73.5 35.9 107.8

157 96.5 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU027321.D (-3478) (-)



#93

1,2,4-Trichlorobenzene

Concen: 102.481 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

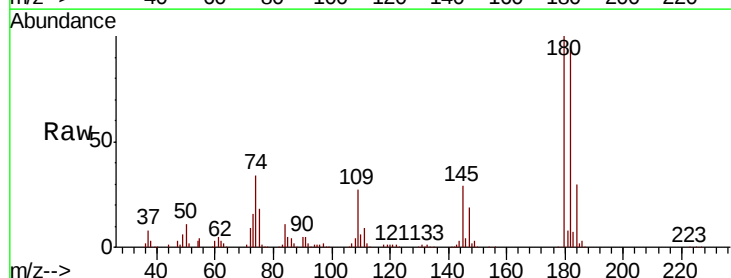
Tgt Ion: 180 Resp: 187136

Ion Ratio Lower Upper

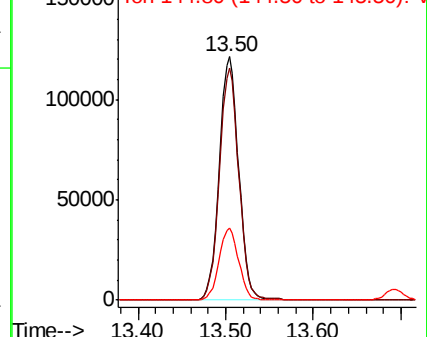
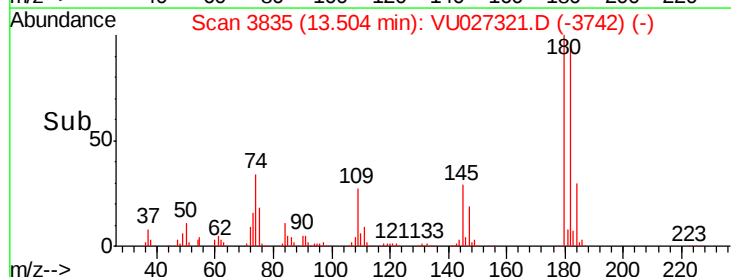
180 100

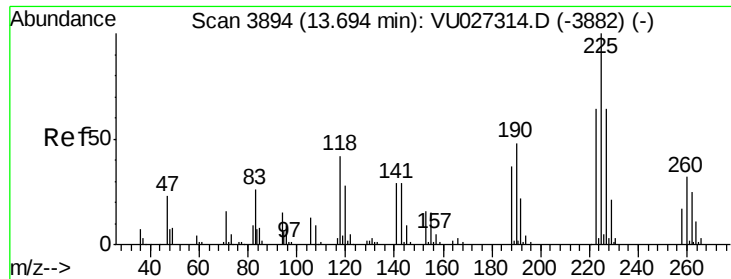
182 95.4 47.4 142.3

145 29.6 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): VU027321.D (-3742) (-)





#94

Hexachlorobutadiene

Concen: 95.858 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

PT-VOA-WP

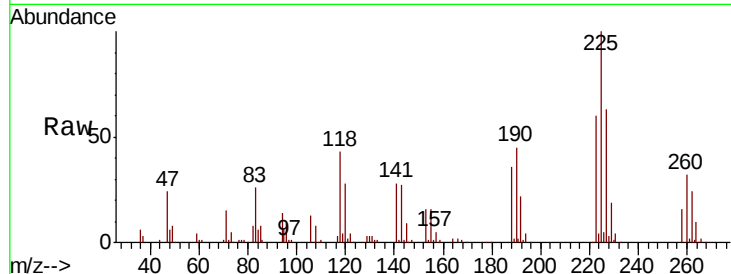
Tot Ion:225 Resp: 88438

Ion Ratio Lower Upper

225 100

223 60.9 31.8 95.3

227 63.2 31.9 95.7

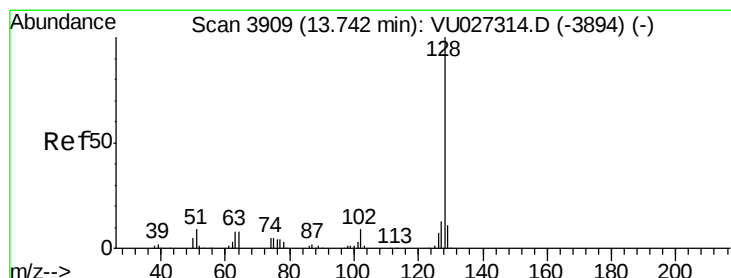
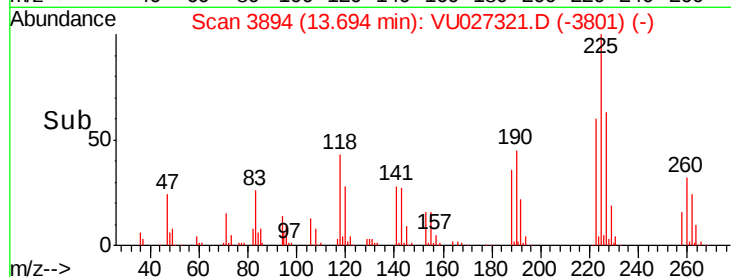
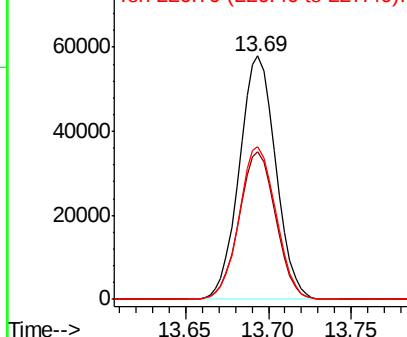


Abundance

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: 116.646 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027321.D

Acq: 01 Oct 2018 16:24

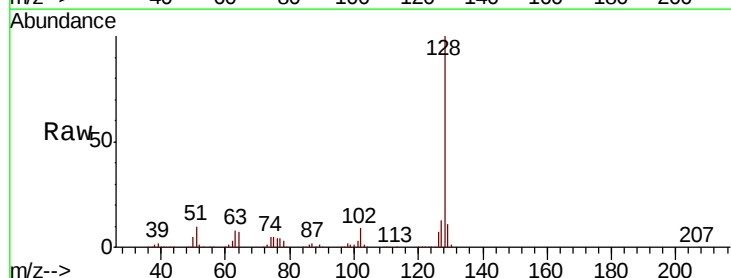
Tgt Ion:128 Resp: 815647

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 8.6 12.8

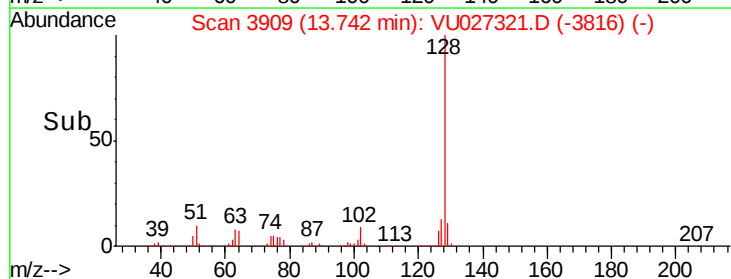
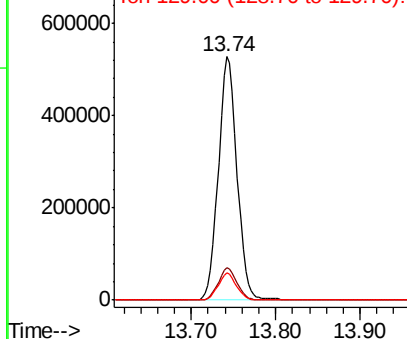


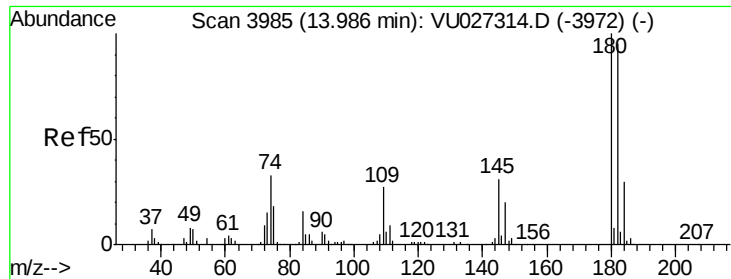
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

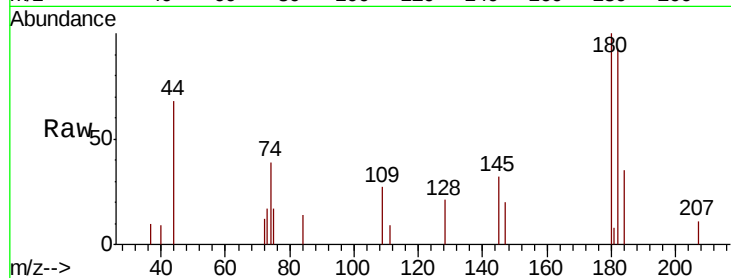




#96
 1,2,3-Trichlorobenzene
 Concen: 1.093 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027321.D
 Acq: 01 Oct 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-VOA-WP

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.5	47.4	142.2
145	26.4	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

