

Data File : VU033379.D
Acq On : 23 Jul 2019 14:10
Operator : JC/SP
Sample : K3860-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Quant Time: Jul 24 02:28:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

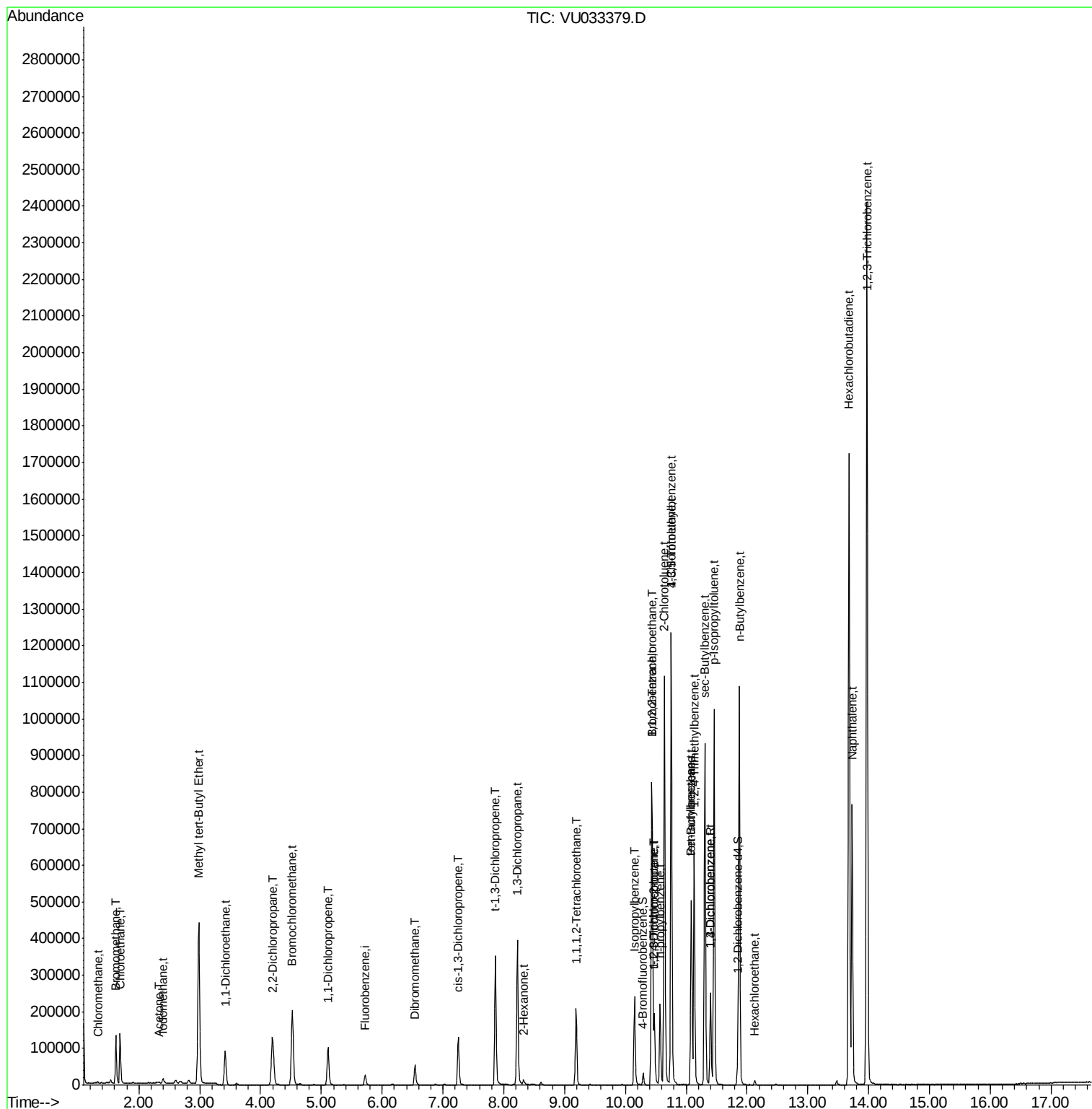
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	27309	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11031	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	12792	1.16	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	3492	0.280	ug/l	94
5) Bromomethane	1.62	94	58609	6.693	ug/l	95
6) Chloroethane	1.69	64	85487	8.751	ug/l	98
10) Iodomethane	2.40	142	10910	0.837	ug/l	98
13) Acetone	2.32	43	2199	0.952	ug/l #	85
17) 1,1-Dichloroethane	3.42	63	96229	6.222	ug/l	99
21) 2,2-Dichloropropane	4.20	77	102010	7.785	ug/l	95
24) tert-Butyl Alcohol	2.82	59	4502	Below Cal	#	73
25) Methyl tert-Butyl Ether	2.98	73	451234	16.150	ug/l	98
26) Bromochloromethane	4.52	128	67316	17.529	ug/l	98
29) 1,1-Dichloropropene	5.11	75	57552	5.099	ug/l	99
43) Dibromomethane	6.54	93	23419	4.701	ug/l	99
46) t-1,4-Dichloro-2-butene	10.48	75	75386	36.768	ug/l #	23
50) t-1,3-Dichloropropene	7.86	75	195763	19.541	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	77761	6.574	ug/l	97
53) 1,3-Dichloropropane	8.22	76	229319	20.385	ug/l	99
54) 2-Hexanone	8.33	43	1150	0.322	ug/l #	35
60) 1,1,1,2-Tetrachloroethane	9.19	131	54342	6.681	ug/l	99
61) Pentachloroethane	11.08	117	14426	2.161	ug/l #	16
62) Hexachloroethane	12.13	117	2409	0.373	ug/l	88
69) Isopropylbenzene	10.15	105	146985	4.350	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	106639	12.086	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	75386	11.067	ug/l #	96
72) Bromobenzene	10.44	156	174186	19.517	ug/l	98
73) n-propylbenzene	10.57	120	36300	3.769	ug/l	97
74) 2-Chlorotoluene	10.64	126	204665	23.279	ug/l	97
75) 1,3,5-Trimethylbenzene	10.76	105	306518	10.105	ug/l	100
76) 4-Chlorotoluene	10.76	126	126302	13.787	ug/l	96
77) tert-Butylbenzene	11.08	119	217875	7.579	ug/l	91
78) 1,2,4-Trimethylbenzene	11.13	105	341384	11.010	ug/l	100
79) sec-Butylbenzene	11.31	105	608459	15.377	ug/l	100
81) p-Isopropyltoluene	11.46	119	548383	17.046	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	100786	5.313	ug/l	99
83) 1,4-Dichlorobenzene	11.40	146	100786	5.370	ug/l	99
84) n-Butylbenzene	11.87	91	571599	17.363	ug/l	99
88) Hexachlorobutadiene	13.68	225	287952	44.116	ug/l	97
89) Naphthalene	13.73	128	565413	22.641	ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	678492	66.059	ug/l	98

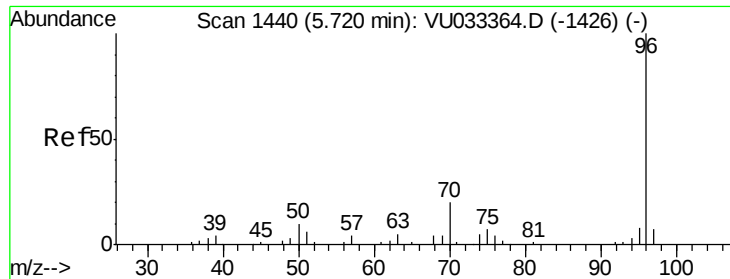
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

Tgt Ion: 96 Resp: 27309

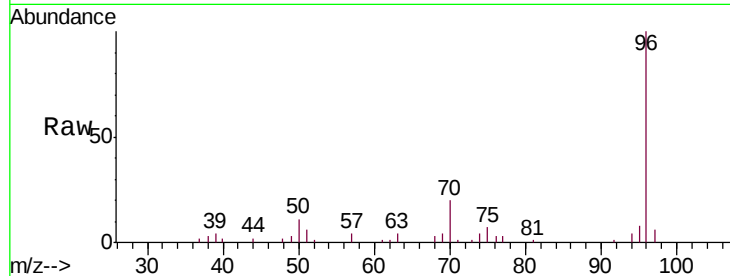
Ion Ratio Lower Upper

96 100

70 21.0 16.4 24.6

95 9.2 6.7 10.1

97 5.8 0.0 0.0#

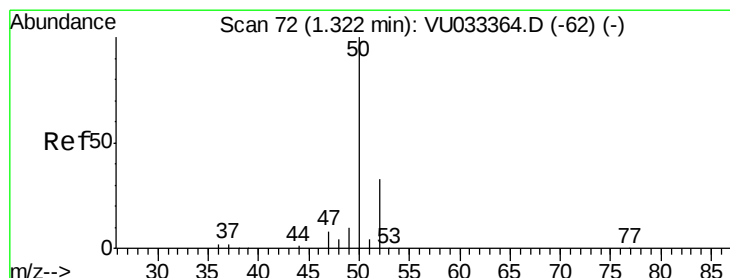
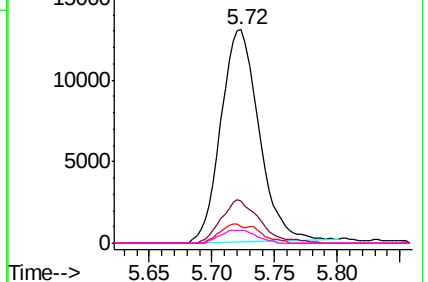
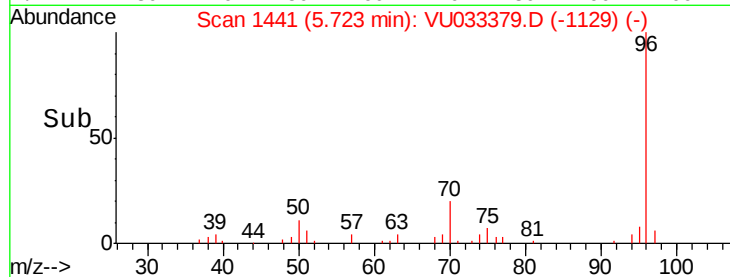


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#3

Chloromethane

Concen: 0.280 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033379.D

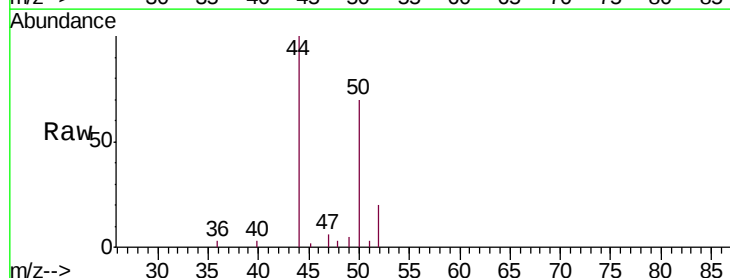
Acq: 23 Jul 2019 14:10

Tgt Ion: 50 Resp: 3492

Ion Ratio Lower Upper

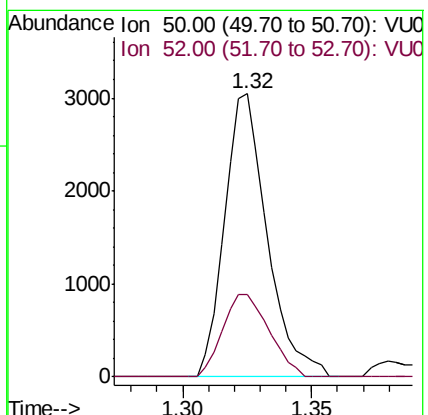
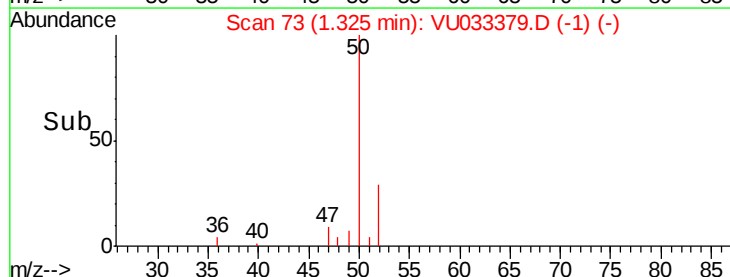
50 100

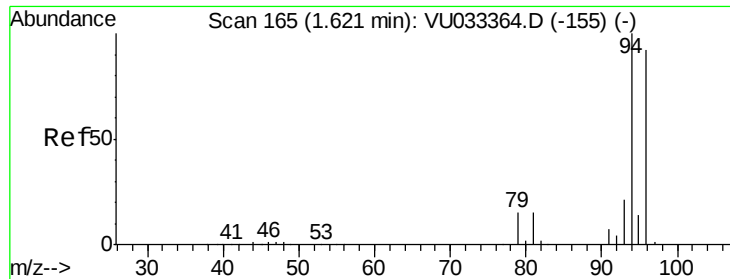
52 29.1 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Bromomethane

Concen: 6.693 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

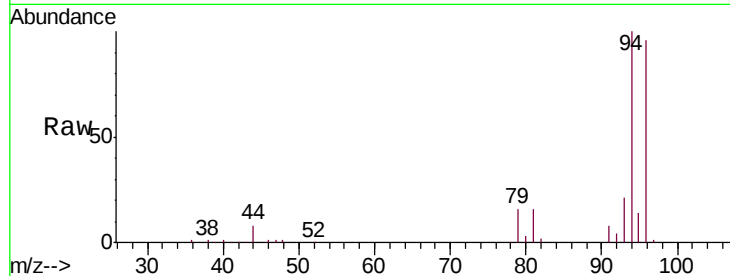
PT-UNRVOA-WS

Tgt Ion: 94 Resp: 58609

Ion Ratio Lower Upper

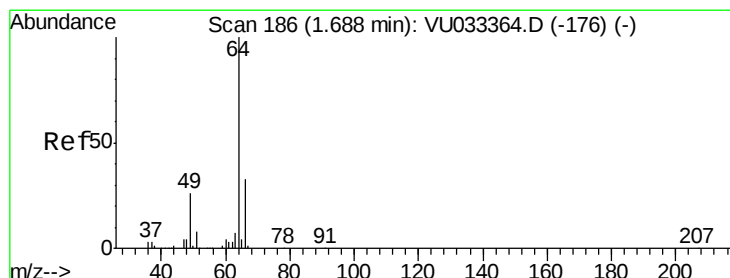
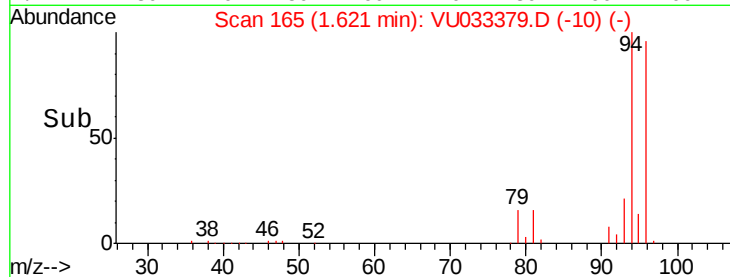
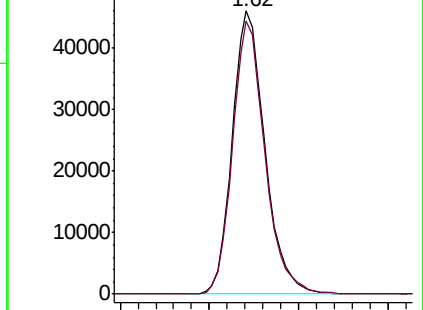
94 100

96 96.4 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU033364.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU033364.D (-155) (-)



#6

Chloroethane

Concen: 8.751 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033379.D

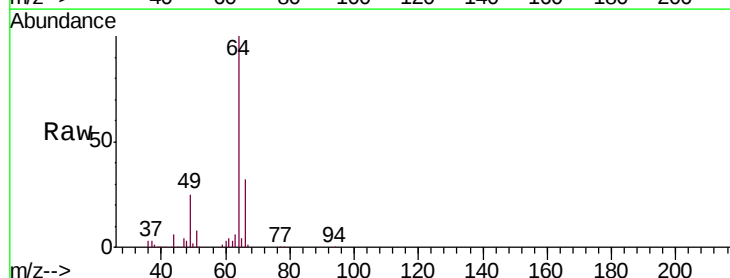
Acq: 23 Jul 2019 14:10

Tgt Ion: 64 Resp: 85487

Ion Ratio Lower Upper

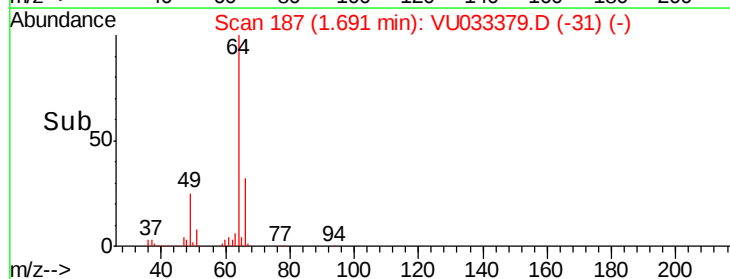
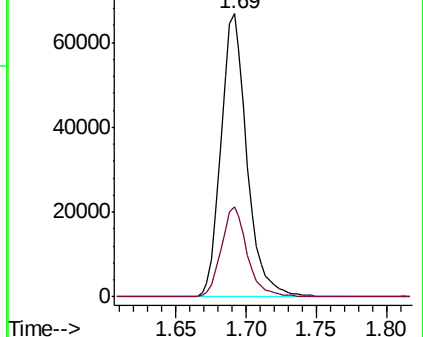
64 100

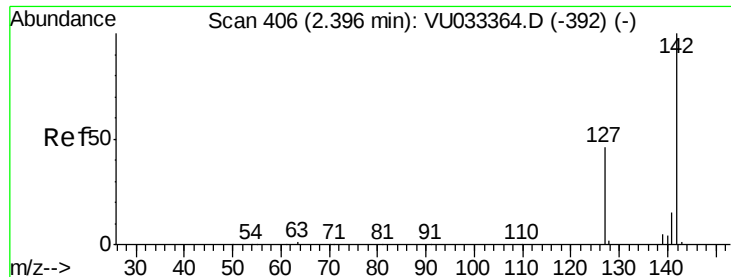
66 31.7 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU033364.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU033364.D (-176) (-)





#10

Iodomethane

Concen: 0.837 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

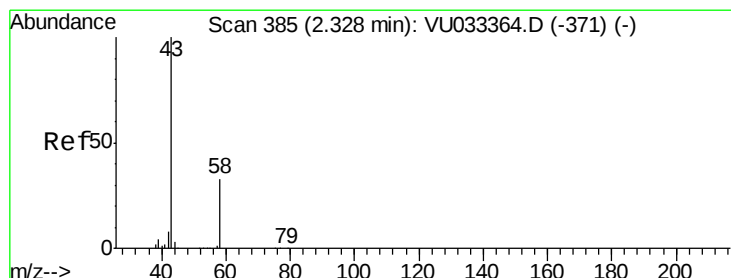
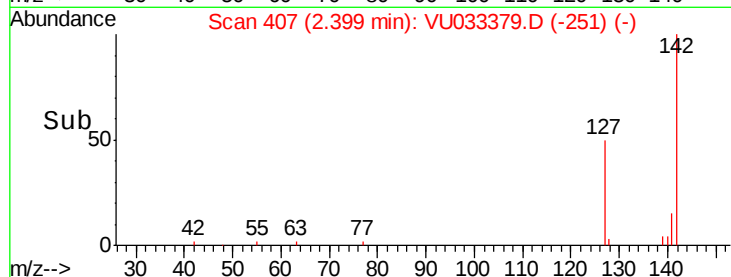
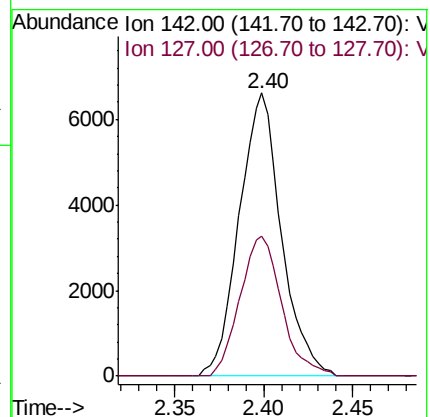
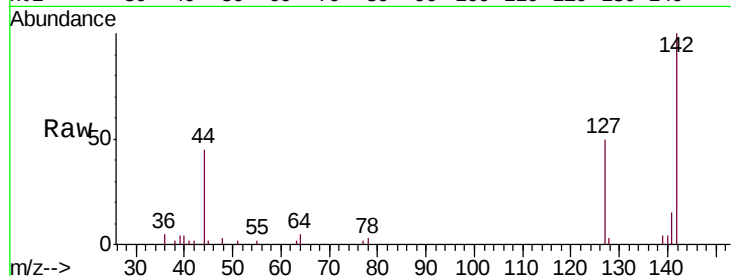
PT-UNRVOA-WS

Tgt Ion:142 Resp: 10910

Ion Ratio Lower Upper

142 100

127 48.9 37.8 56.6



#13

Acetone

Concen: 0.952 ug/l

RT: 2.32 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU033379.D

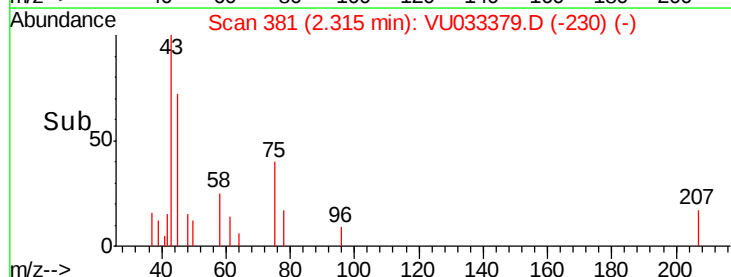
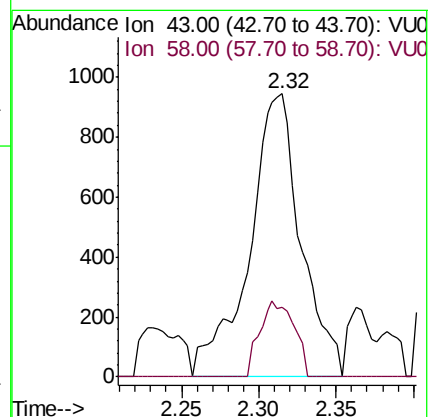
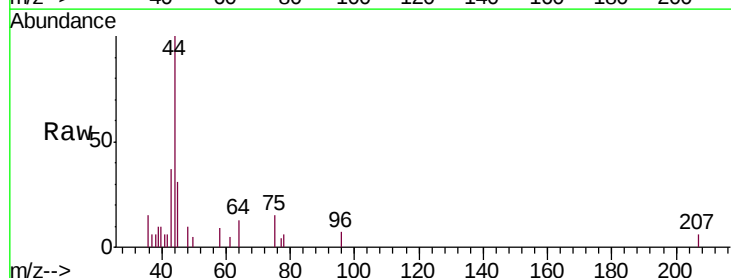
Acq: 23 Jul 2019 14:10

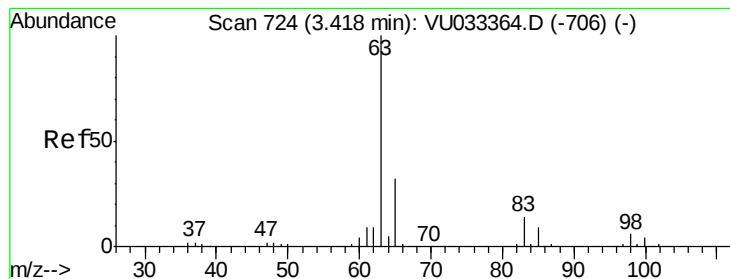
Tgt Ion: 43 Resp: 2199

Ion Ratio Lower Upper

43 100

58 24.6 26.3 39.5#





#17

1,1-Dichloroethane

Concen: 6.222 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

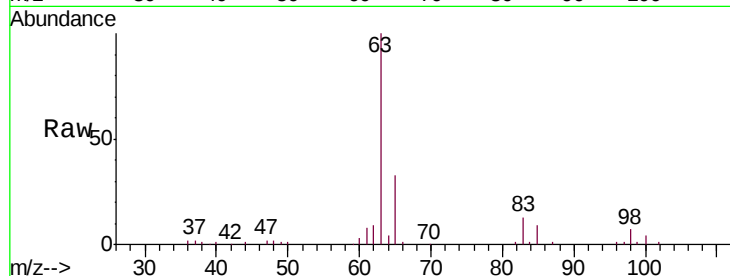
Tgt Ion: 63 Resp: 96229

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

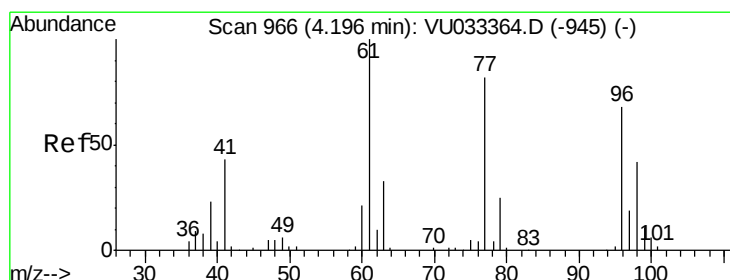
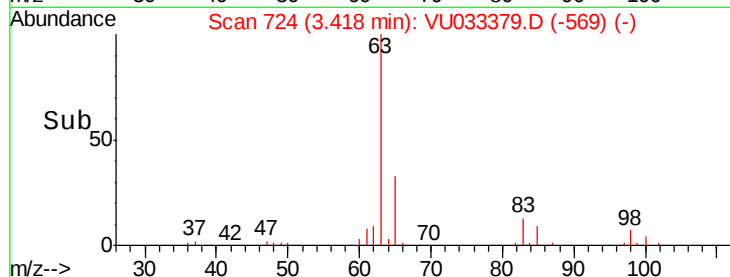
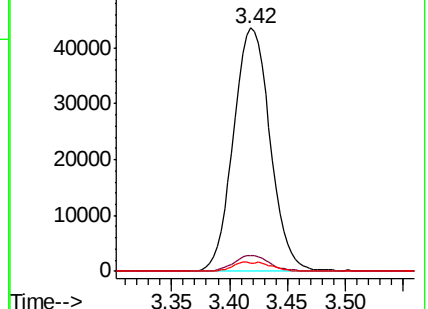
100 3.5 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU033364.D (-706) (-)



#21

2,2-Dichloropropane

Concen: 7.785 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033379.D

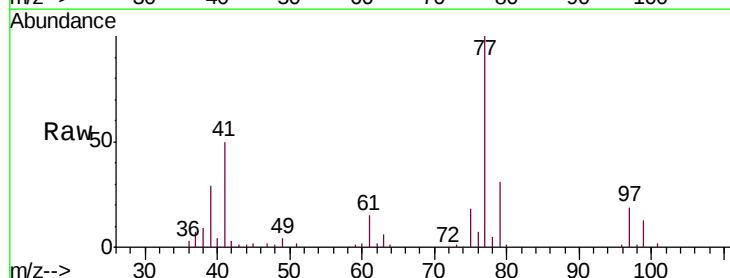
Acq: 23 Jul 2019 14:10

Tgt Ion: 77 Resp: 102010

Ion Ratio Lower Upper

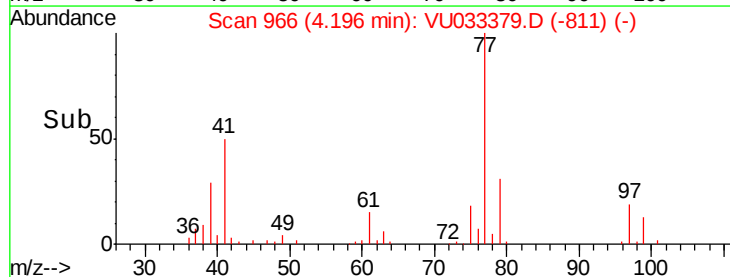
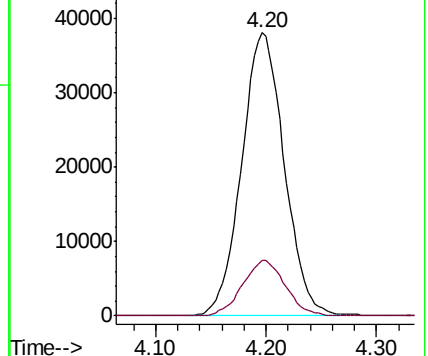
77 100

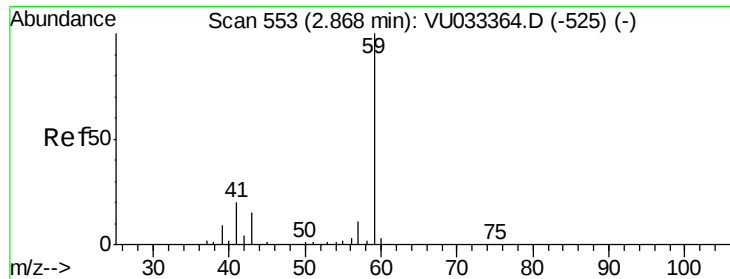
97 19.7 17.8 26.8



Abundance Ion 77.00 (76.70 to 77.70): VU033364.D (-945) (-)

Ion 97.00 (96.70 to 97.70): VU033364.D (-945) (-)

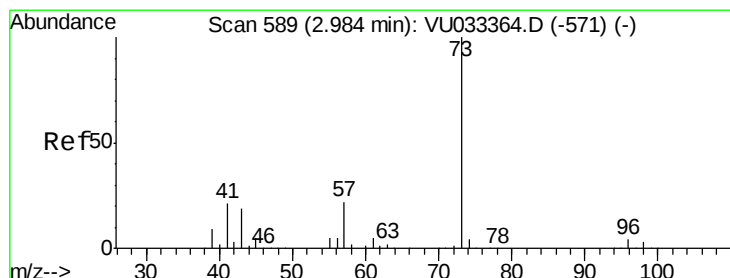
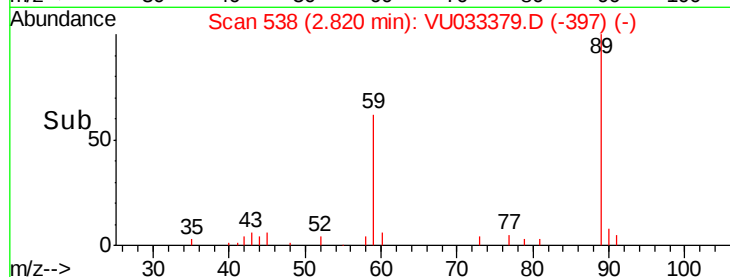
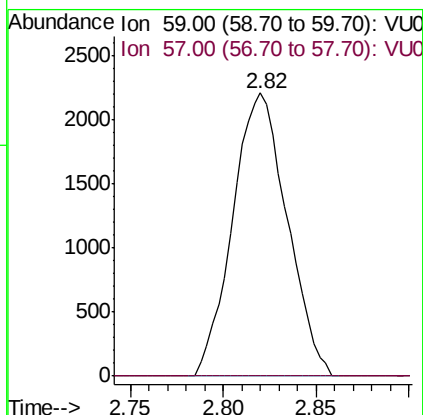
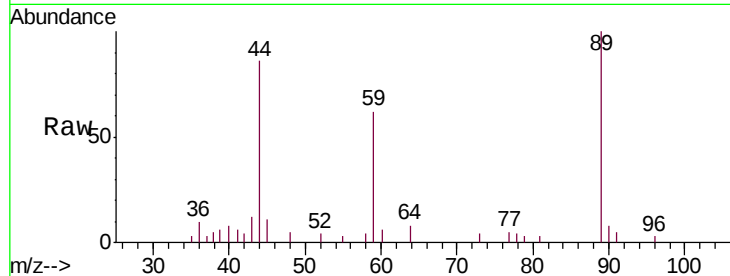




#24
 tert-Butyl Alcohol
 Concen: Below Cal
 RT: 2.82 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

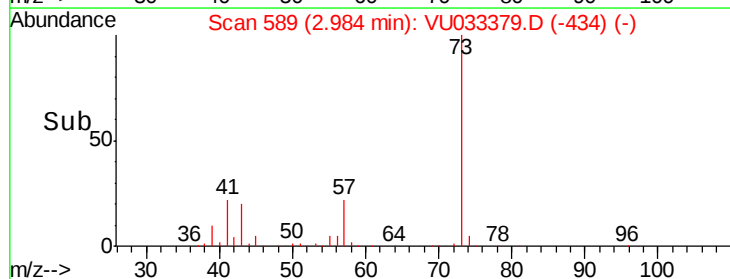
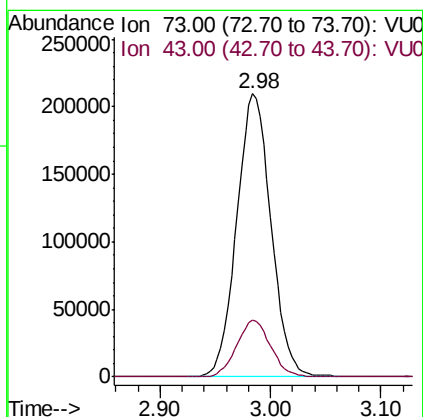
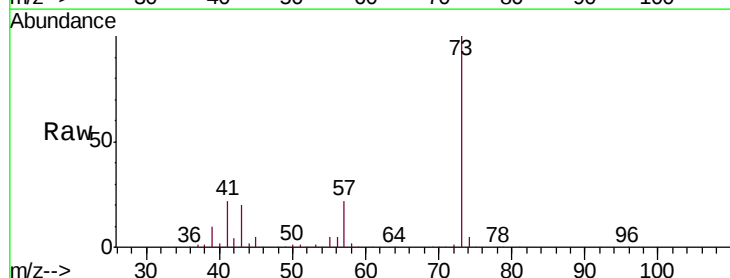
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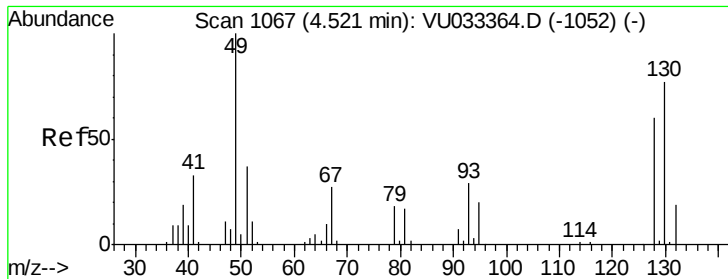
Tgt Ion: 59 Resp: 4502
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#



#25
 Methyl tert-Butyl Ether
 Concen: 16.150 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion: 73 Resp: 451234
 Ion Ratio Lower Upper
 73 100
 43 19.7 16.6 24.8





#26

Bromochloromethane

Concen: 17.529 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

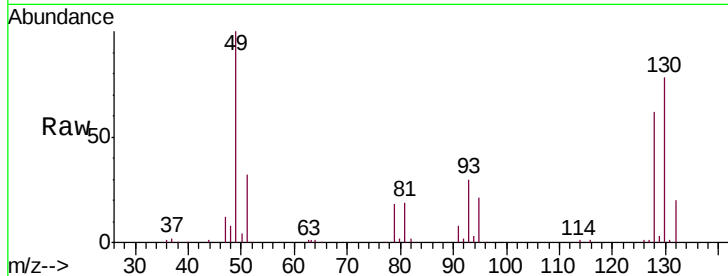
Tgt Ion: 128 Resp: 67316

Ion Ratio Lower Upper

128 100

49 162.7 0.0 333.4

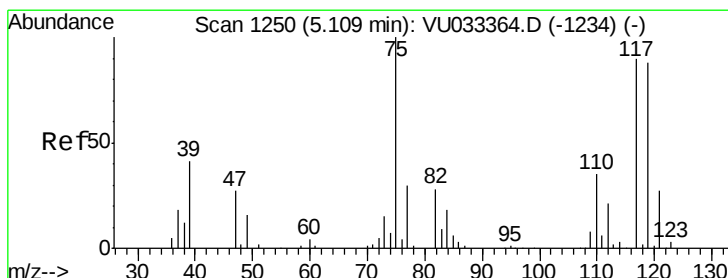
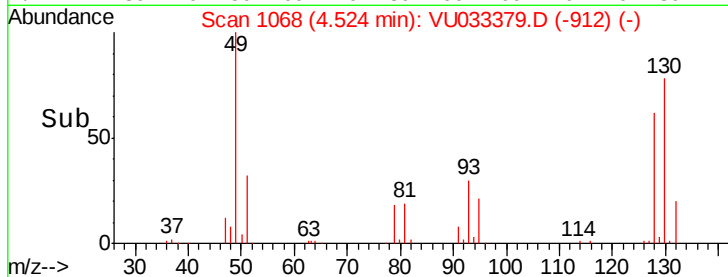
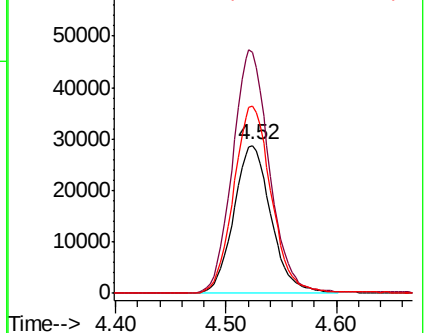
130 127.7 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#29

1,1-Dichloropropene

Concen: 5.099 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

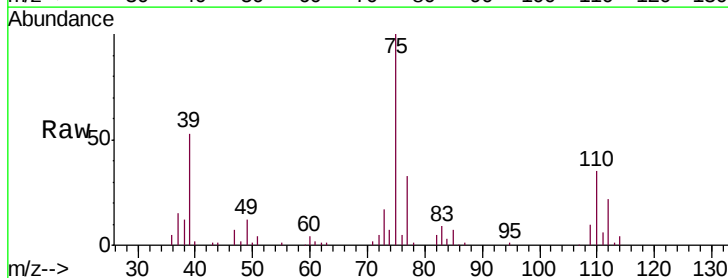
Tgt Ion: 75 Resp: 57552

Ion Ratio Lower Upper

75 100

110 34.9 17.5 52.6

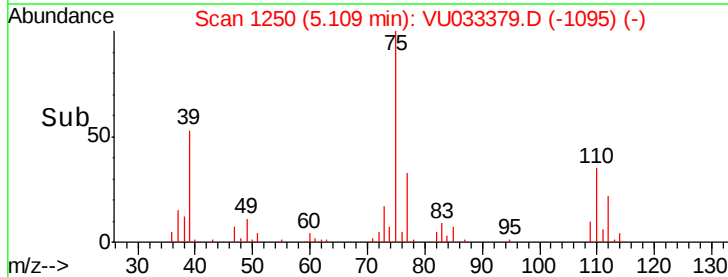
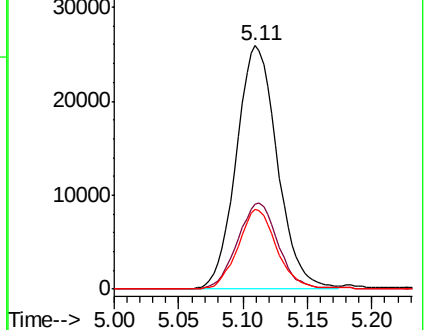
77 30.8 25.1 37.7

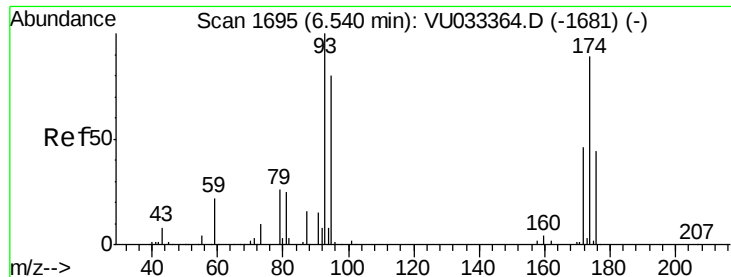


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0





#43

Dibromomethane

Concen: 4.701 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU033379.D

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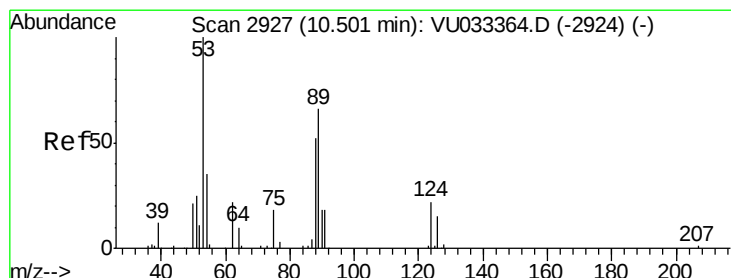
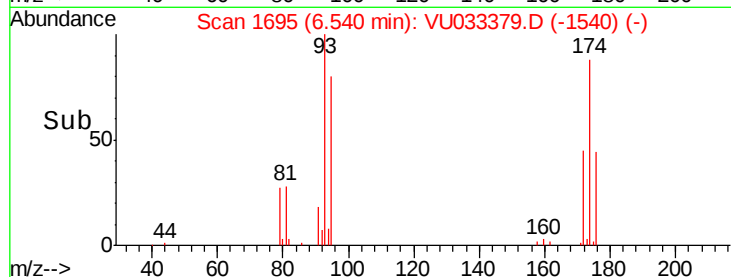
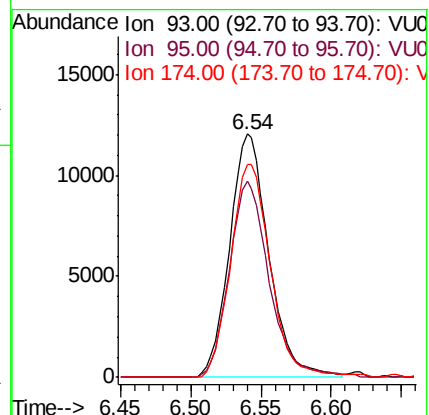
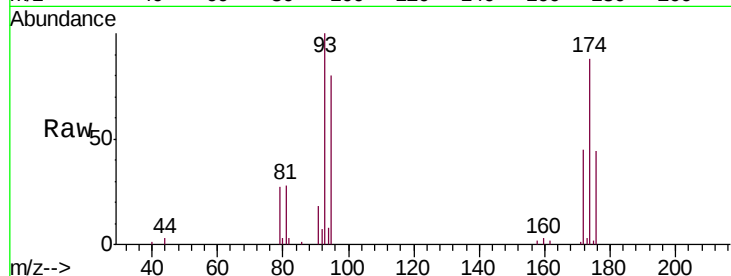
Tgt Ion: 93 Resp: 23419

Ion Ratio Lower Upper

93 100

95 82.2 65.3 97.9

174 89.1 70.7 106.1



#46

t-1,4-Dichloro-2-butene

Concen: 36.768 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.02 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Tgt Ion: 75 Resp: 75386

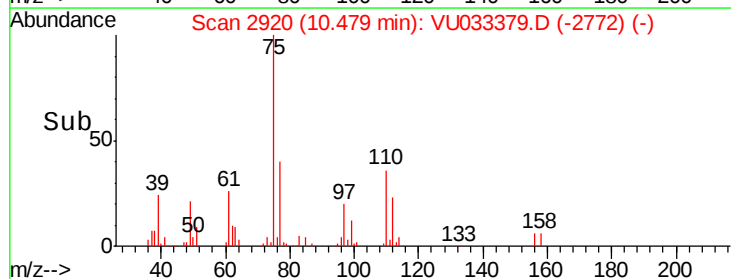
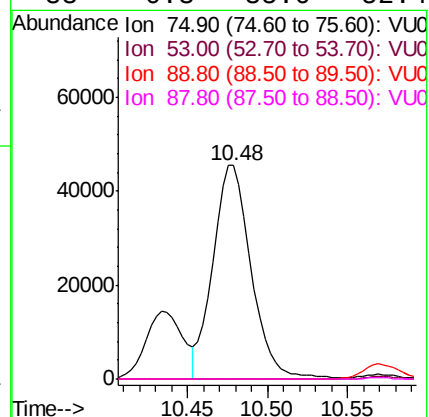
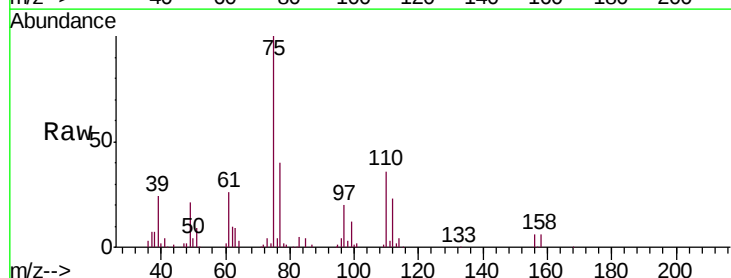
Ion Ratio Lower Upper

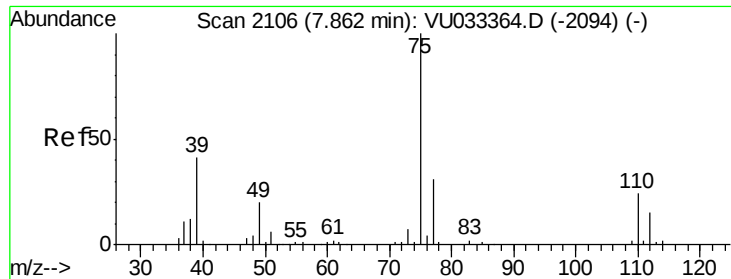
75 100

53 0.9 62.9 94.3#

89 6.6 43.0 64.4#

88 0.3 35.0 52.4#

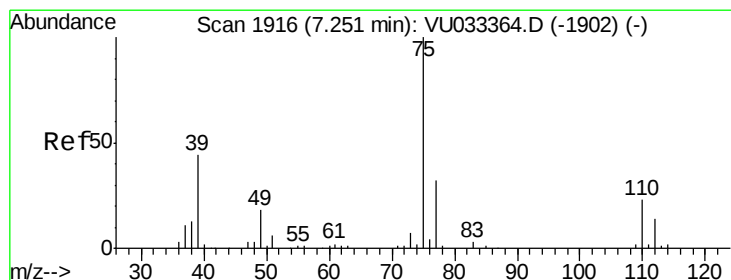
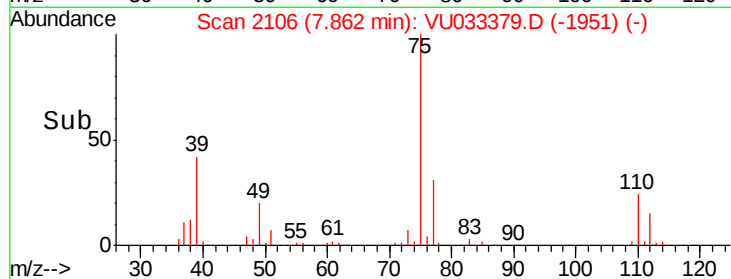
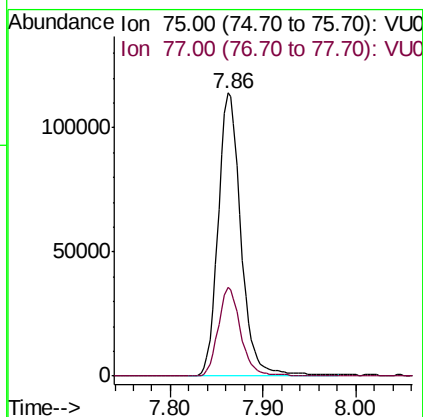
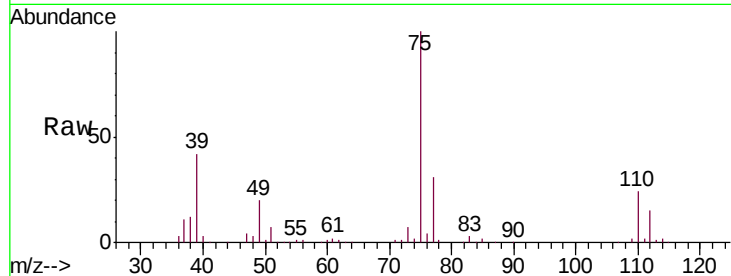




#50
 t-1,3-Dichloropropene
 Concen: 19.541 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

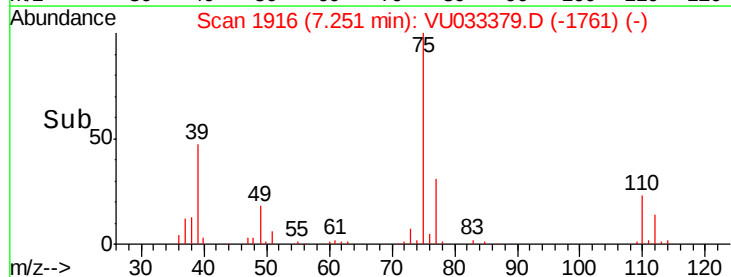
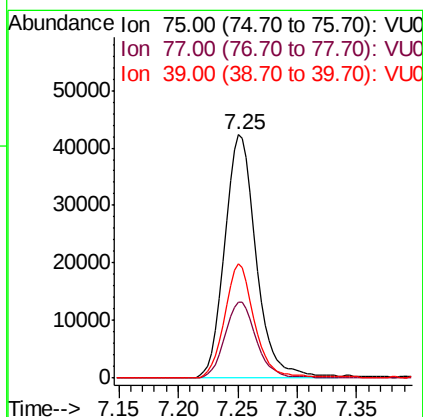
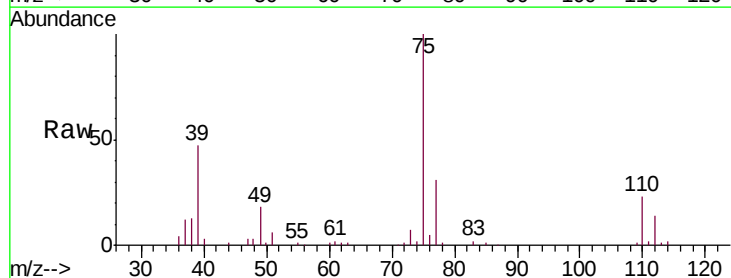
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

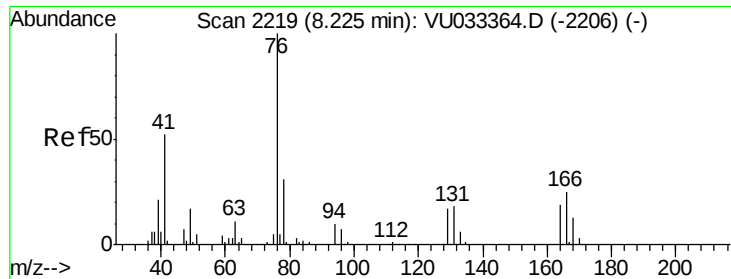
Tgt Ion: 75 Resp: 195763
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#51
 cis-1,3-Dichloropropene
 Concen: 6.574 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion: 75 Resp: 77761
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 46.8 35.2 52.8

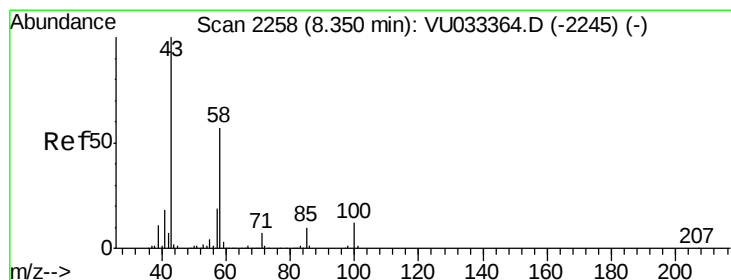
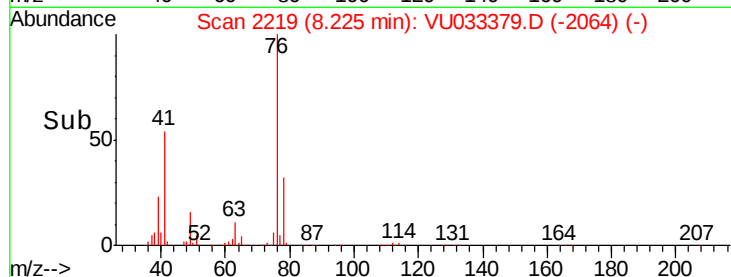
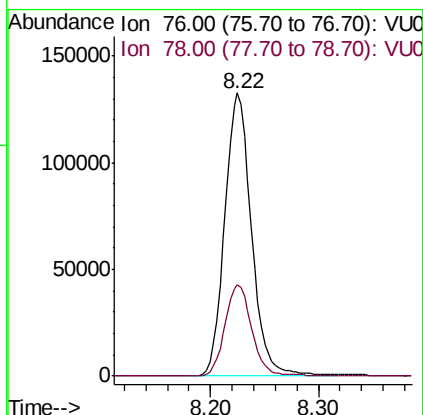
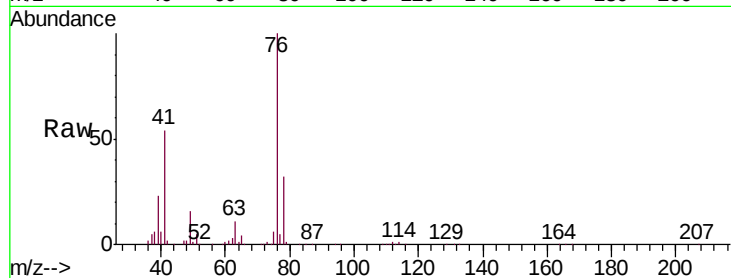




#53
 1,3-Dichloropropane
 Concen: 20.385 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

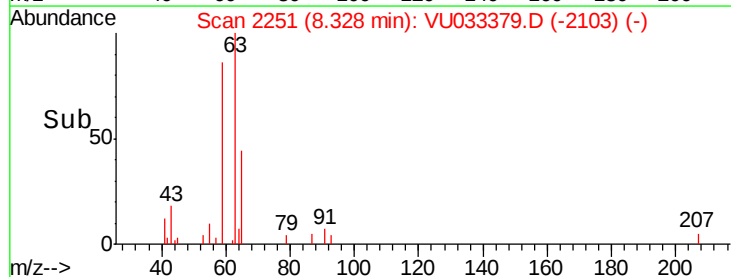
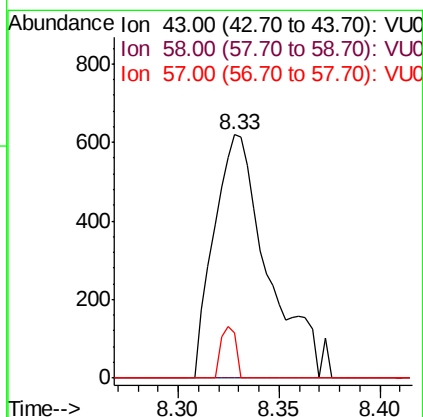
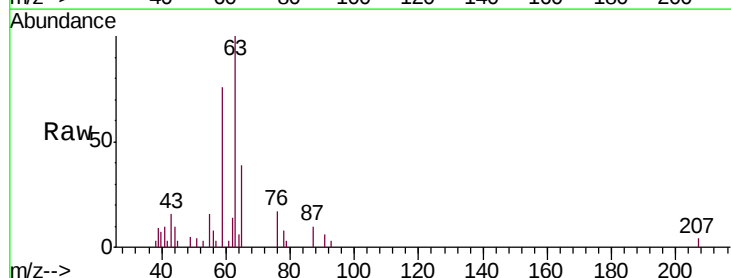
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

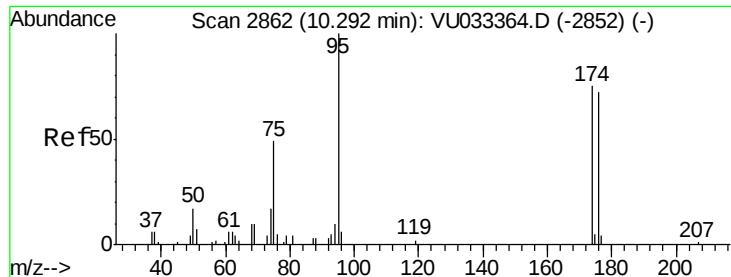
Tgt Ion: 76 Resp: 229319
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#54
 2-Hexanone
 Concen: 0.322 ug/l
 RT: 8.33 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion: 43 Resp: 1150
 Ion Ratio Lower Upper
 43 100
 58 0.0 36.0 76.0#
 57 5.9 0.0 39.4





#57

4-Bromofluorobenzene

Concen: 1.029 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

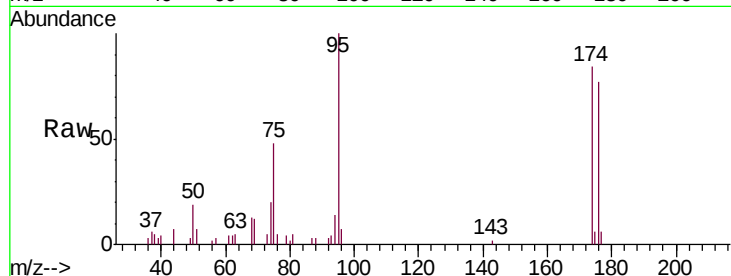
Tgt Ion: 95 Resp: 11031

Ion Ratio Lower Upper

95 100

174 79.4 58.8 88.2

176 76.4 54.4 81.6

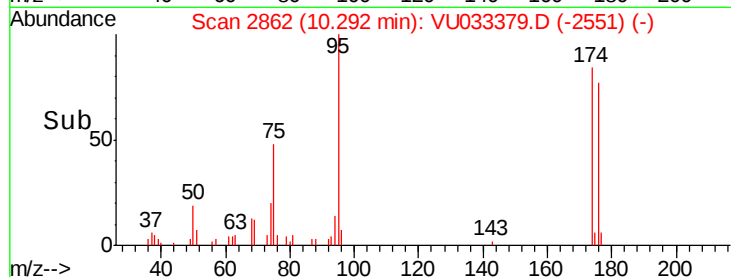


Abundance Ion 95.00 (94.70 to 95.70): VU033364.D (-2852) (-)

Ion 174.00 (173.70 to 174.70): VU033364.D (-2852) (-)

Ion 176.00 (175.70 to 176.70): VU033364.D (-2852) (-)

Time-->

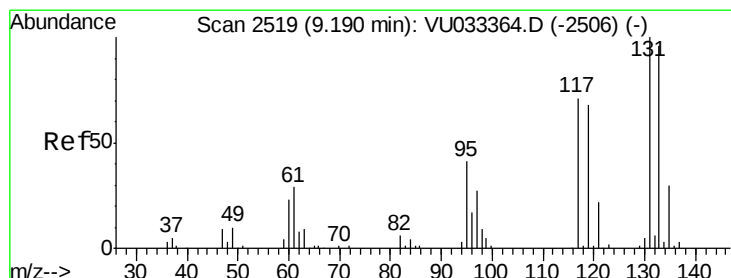


Abundance Ion 95.00 (94.70 to 95.70): VU033379.D (-2551) (-)

Ion 174.00 (173.70 to 174.70): VU033379.D (-2551) (-)

Ion 176.00 (175.70 to 176.70): VU033379.D (-2551) (-)

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 6.681 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

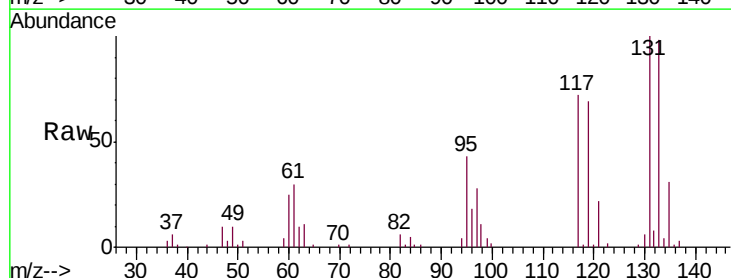
Tgt Ion: 131 Resp: 54342

Ion Ratio Lower Upper

131 100

133 97.5 76.2 114.4

119 68.8 54.9 82.3

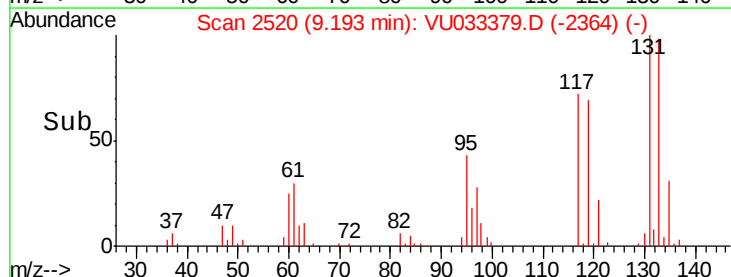


Abundance Ion 131.00 (130.70 to 131.70): VU033364.D (-2506) (-)

Ion 133.00 (132.70 to 133.70): VU033364.D (-2506) (-)

Ion 119.00 (118.70 to 119.70): VU033364.D (-2506) (-)

Time-->

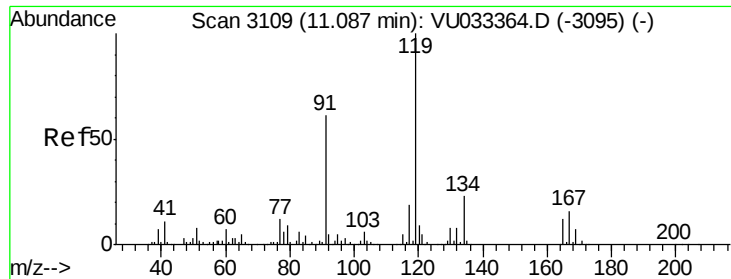


Abundance Ion 131.00 (130.70 to 131.70): VU033379.D (-2364) (-)

Ion 133.00 (132.70 to 133.70): VU033379.D (-2364) (-)

Ion 119.00 (118.70 to 119.70): VU033379.D (-2364) (-)

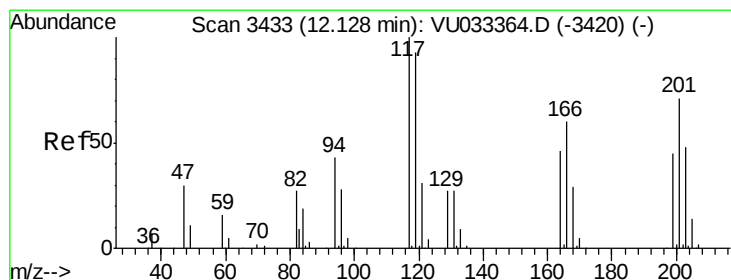
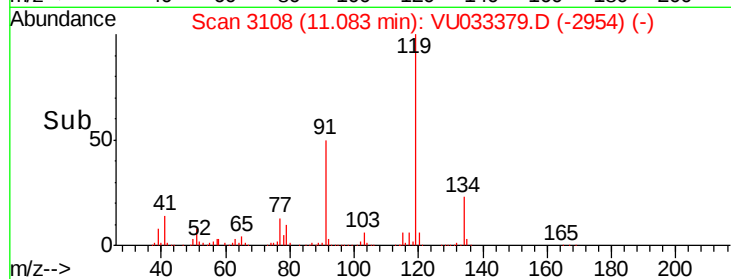
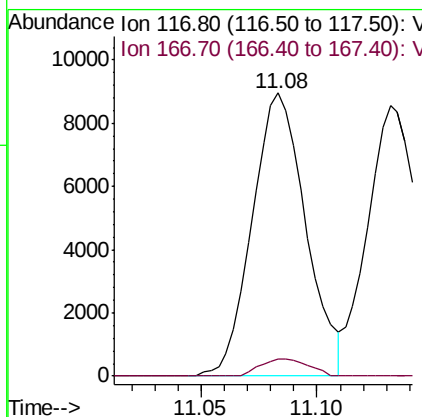
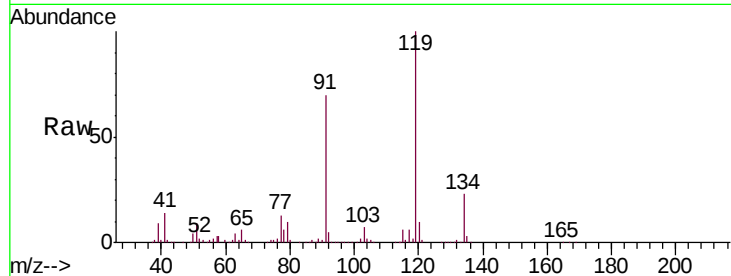
Time-->



#61
 Pentachloroethane
 Concen: 2.161 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

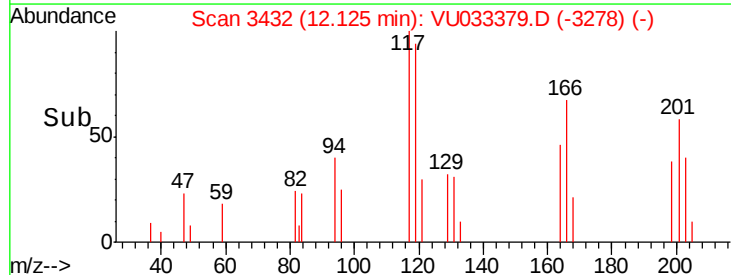
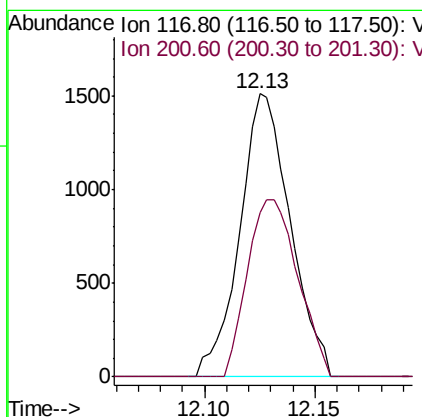
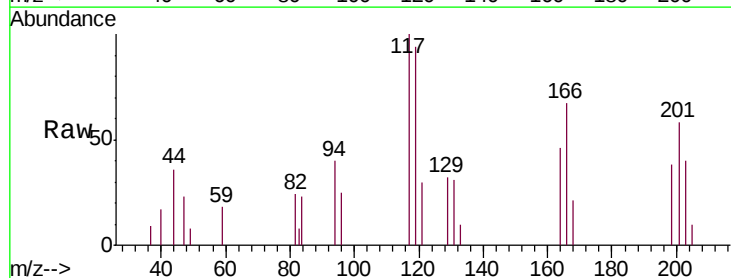
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

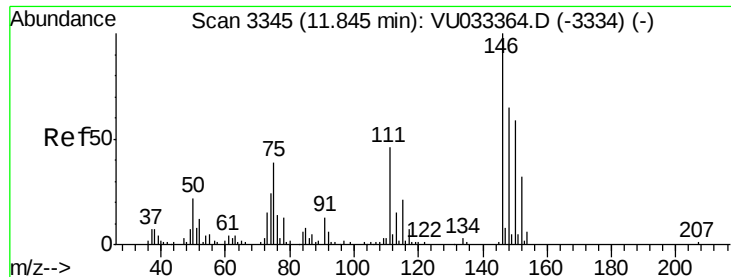
Tgt Ion:117 Resp: 14426
 Ion Ratio Lower Upper
 117 100
 167 5.4 63.4 95.0#



#62
 Hexachloroethane
 Concen: 0.373 ug/l
 RT: 12.13 min Scan# 3432
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion:117 Resp: 2409
 Ion Ratio Lower Upper
 117 100
 201 62.5 57.9 86.9





#68

1,2-Dichlorobenzene-d4

Concen: 1.156 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

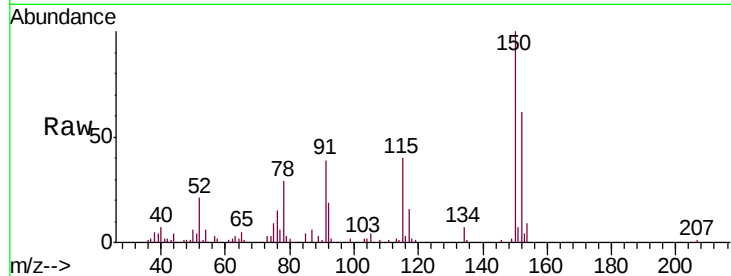
Tgt Ion:152 Resp: 12792

Ion Ratio Lower Upper

152 100

115 43.1 0.0 123.2

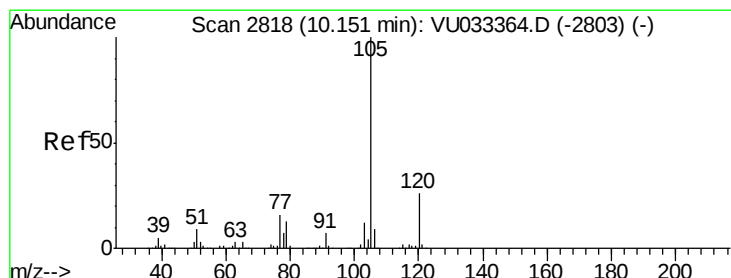
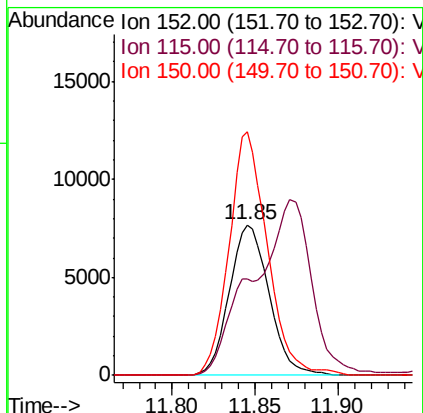
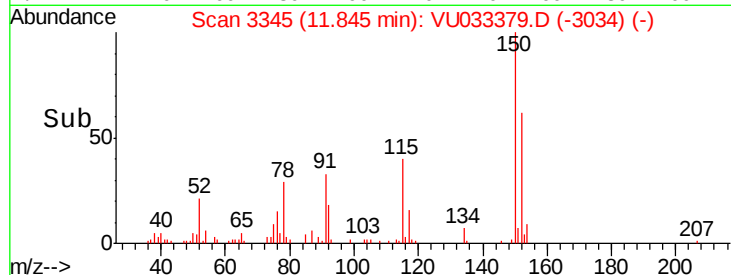
150 154.5 0.0 648.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#69

Isopropylbenzene

Concen: 4.350 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033379.D

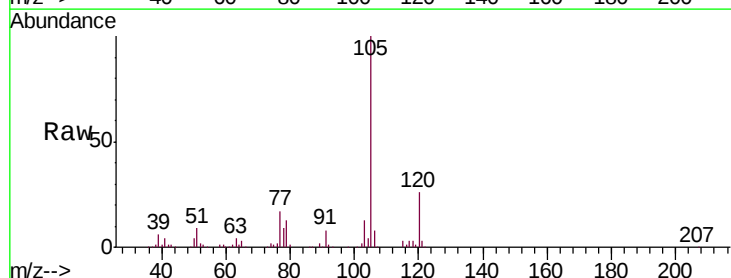
Acq: 23 Jul 2019 14:10

Tgt Ion:105 Resp: 146985

Ion Ratio Lower Upper

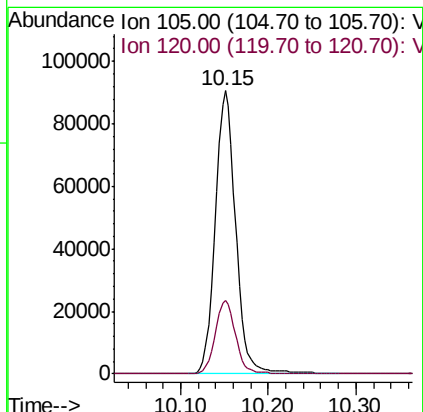
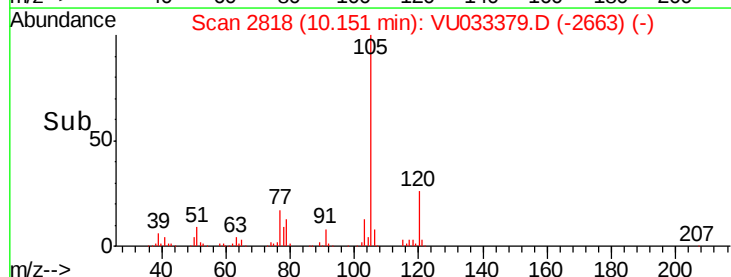
105 100

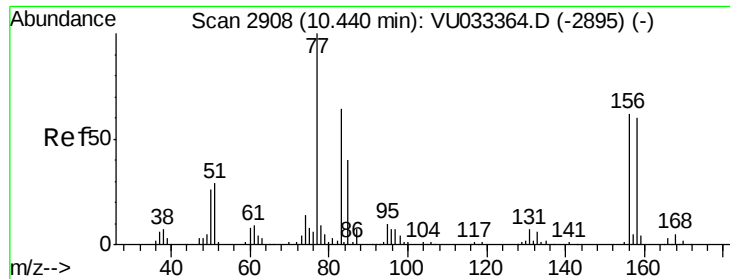
120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

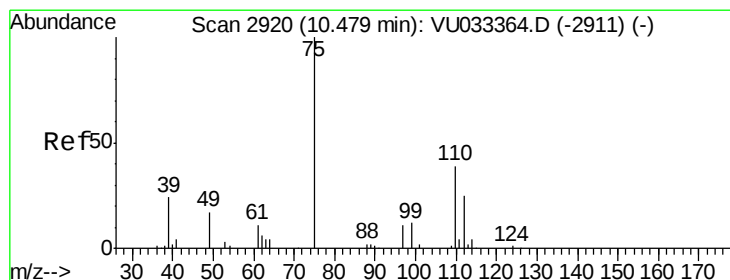
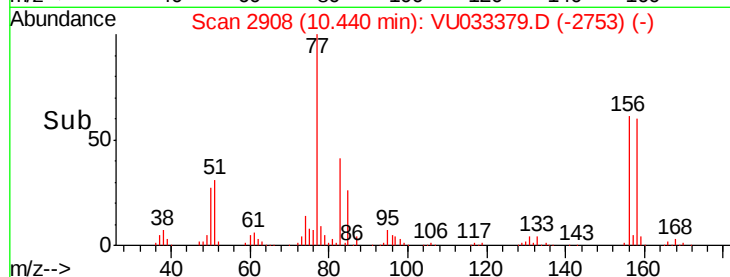
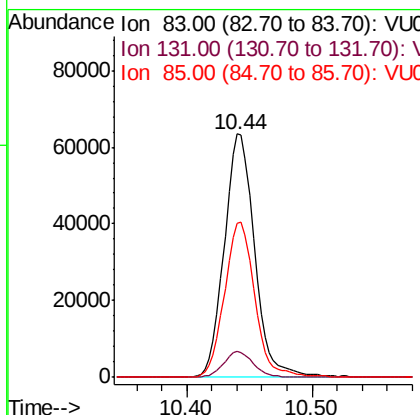
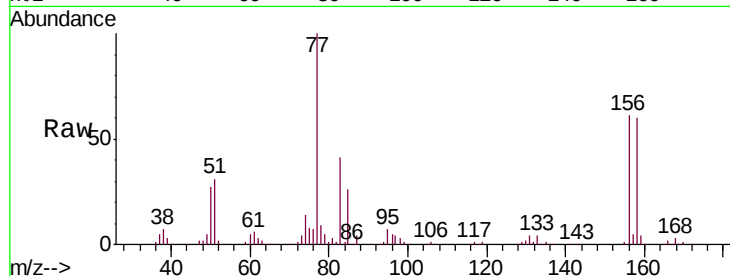




#70
 1,1,2,2-Tetrachloroethane
 Concen: 12.086 ug/l
 RT: 10.44 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

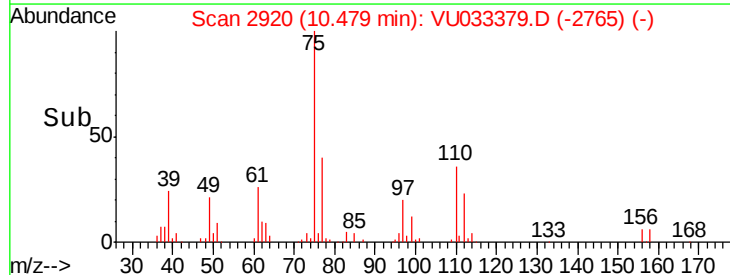
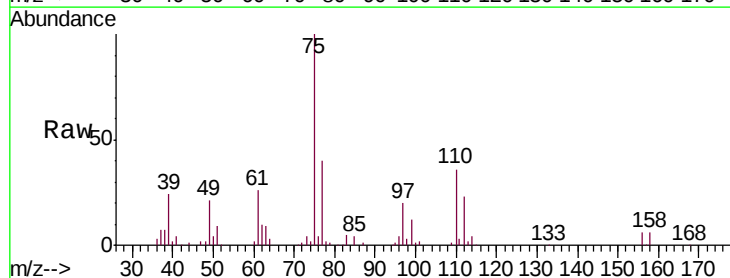
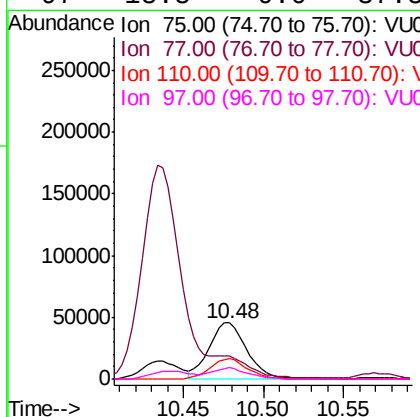
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

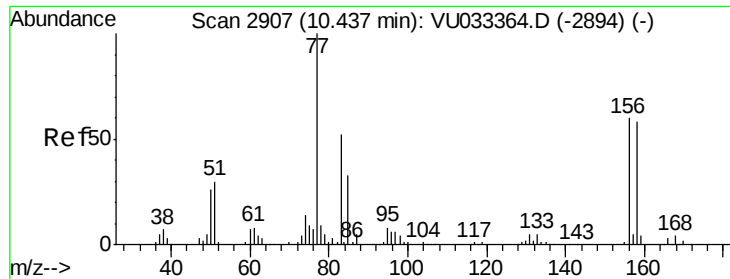
Tgt Ion: 83 Resp: 106639
 Ion Ratio Lower Upper
 83 100
 131 10.2 8.0 12.0
 85 63.8 51.8 77.8



#71
 1,2,3-Trichloropropane
 Concen: 11.067 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion: 75 Resp: 75386
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 18.2
 110 35.5 0.0 71.4
 97 18.8 0.0 37.8





#72

Bromobenzene

Concen: 19.517 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

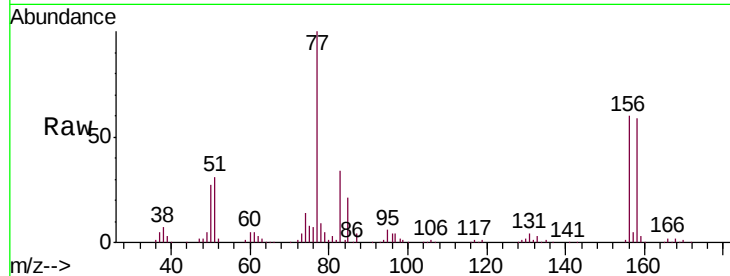
Tgt Ion:156 Resp: 174186

Ion Ratio Lower Upper

156 100

77 166.8 0.0 324.4

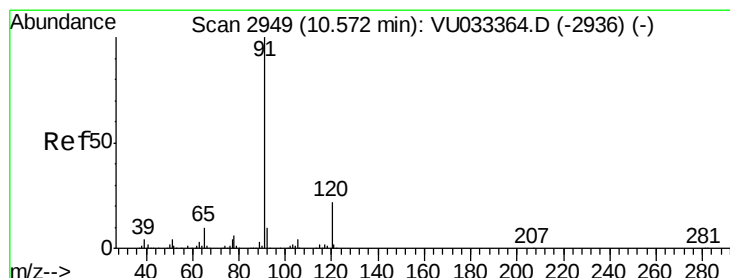
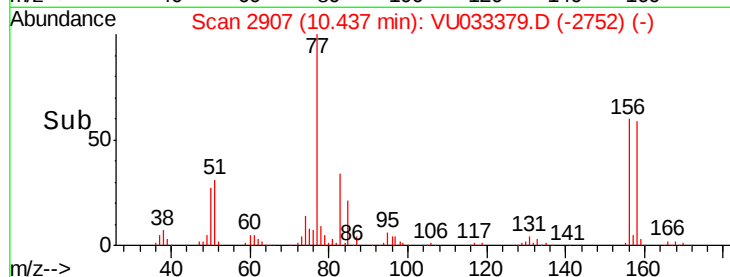
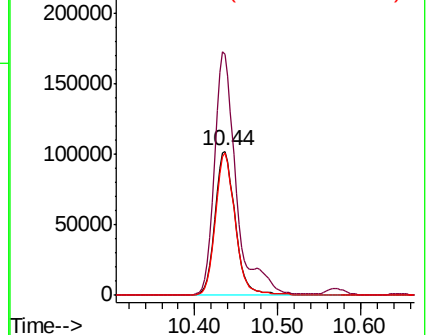
158 95.6 0.0 192.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 3.769 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033379.D

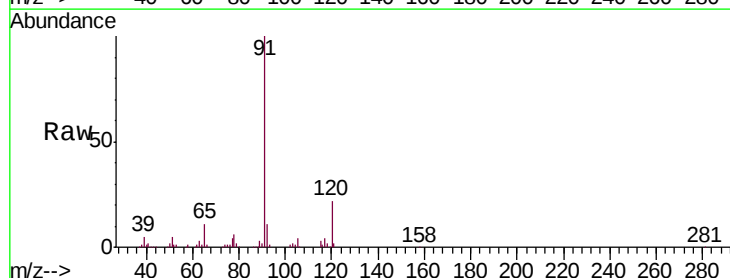
Acq: 23 Jul 2019 14:10

Tgt Ion:120 Resp: 36300

Ion Ratio Lower Upper

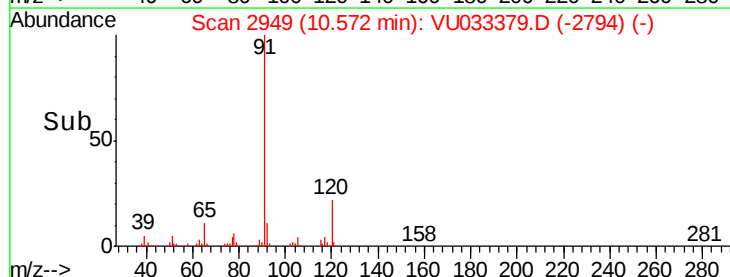
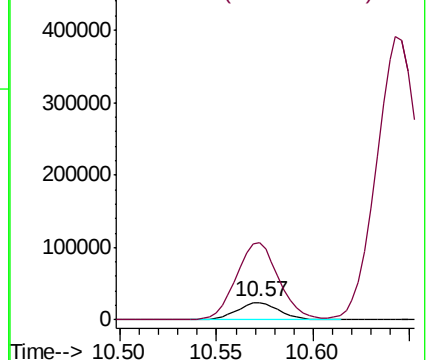
120 100

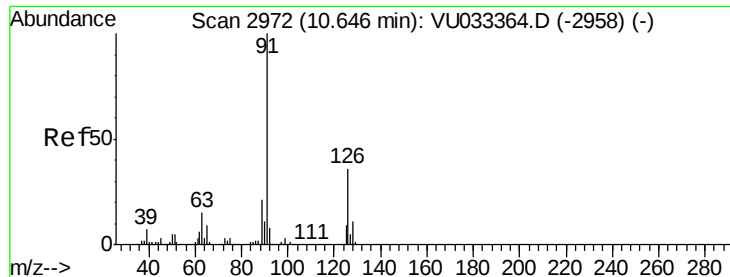
91 452.6 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 23.279 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

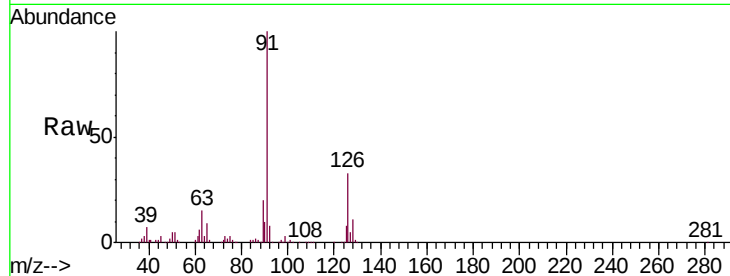
PT-UNRVOA-WS

Tgt Ion:126 Resp: 204665

Ion Ratio Lower Upper

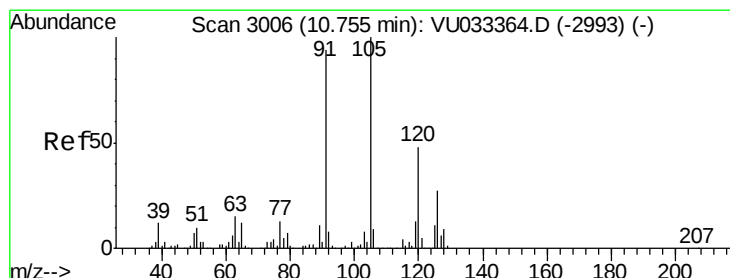
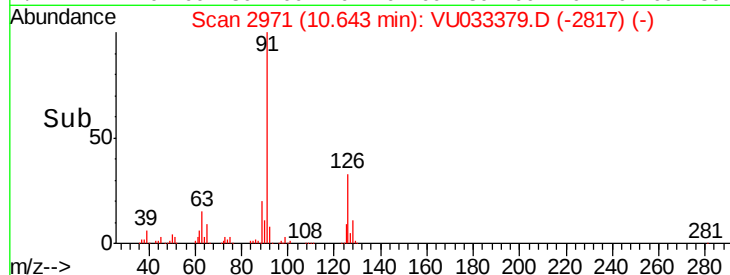
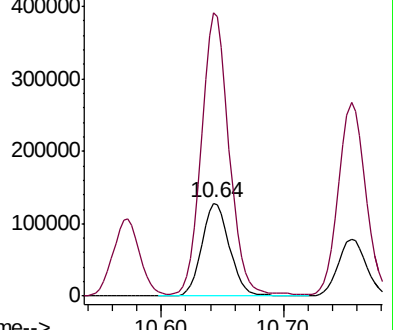
126 100

91 304.1 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 10.105 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033379.D

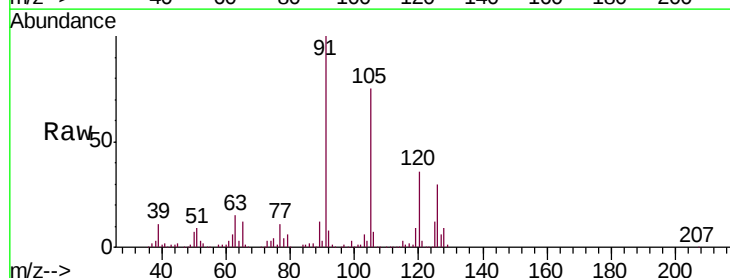
Acq: 23 Jul 2019 14:10

Tgt Ion:105 Resp: 306518

Ion Ratio Lower Upper

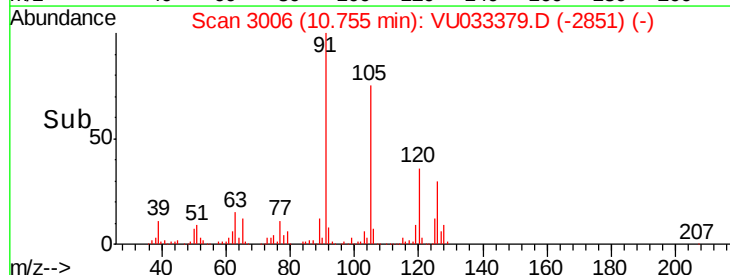
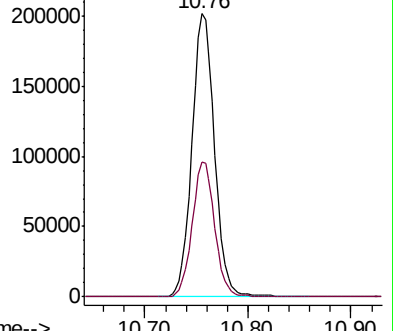
105 100

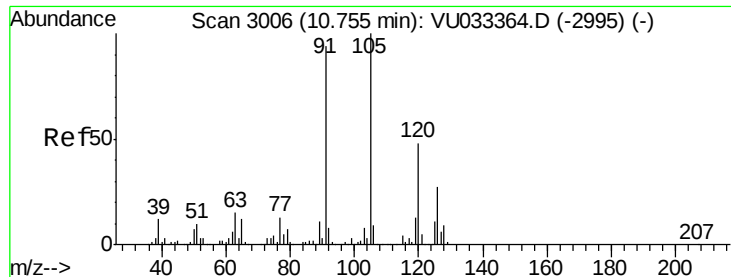
120 47.5 38.2 57.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 13.787 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

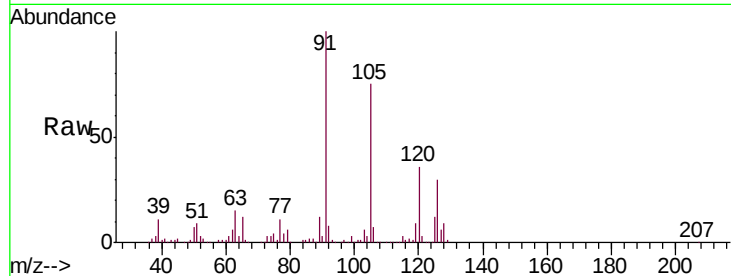
PT-UNRVOA-WS

Tgt Ion:126 Resp: 126302

Ion Ratio Lower Upper

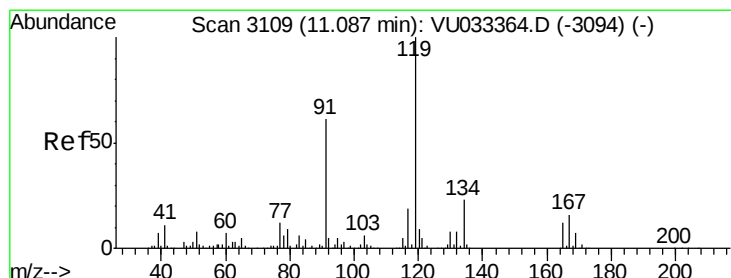
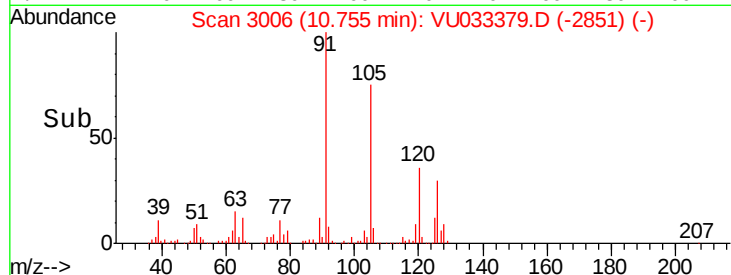
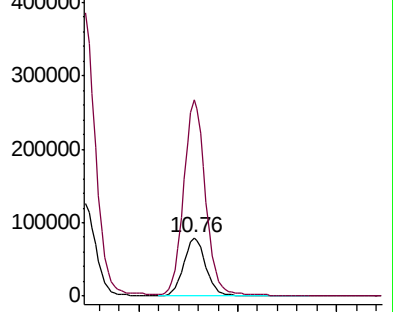
126 100

91 331.4 0.0 681.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 7.579 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

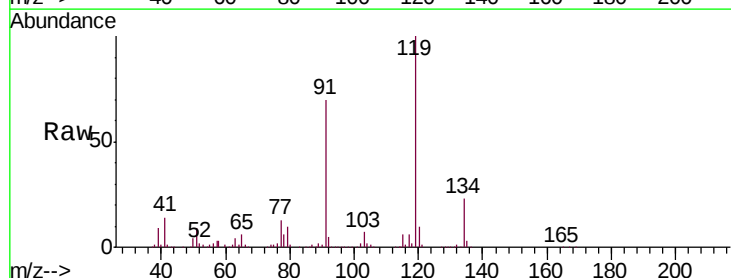
Tgt Ion:119 Resp: 217875

Ion Ratio Lower Upper

119 100

91 69.9 30.4 91.3

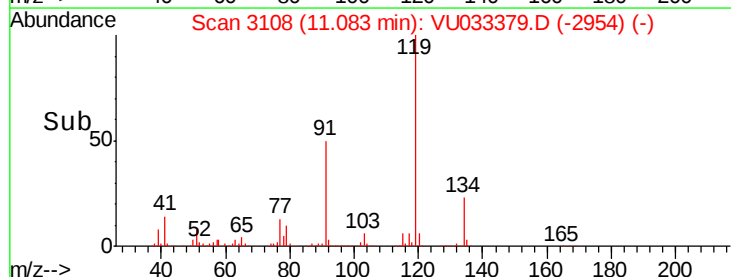
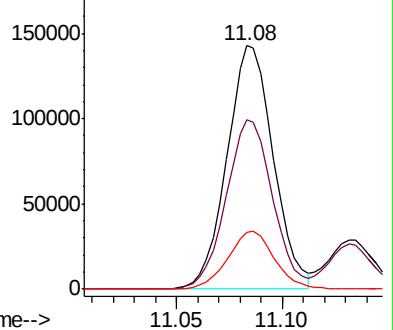
134 24.2 18.5 27.7

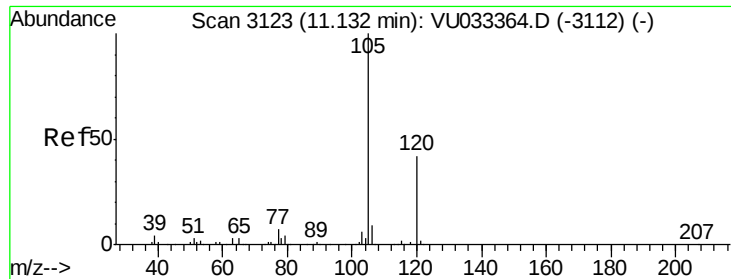


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

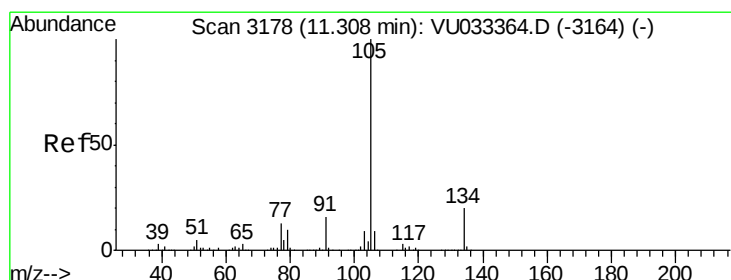
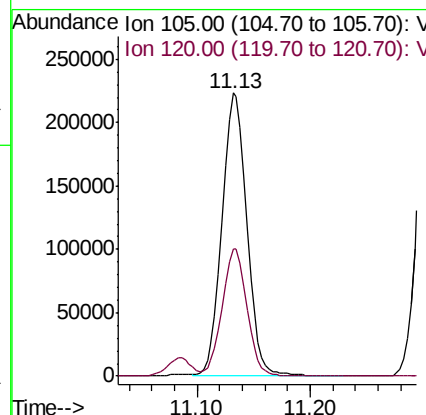
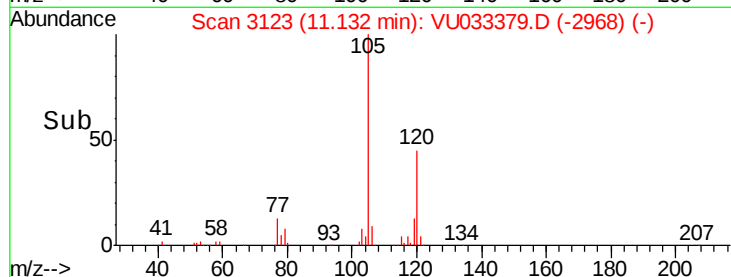
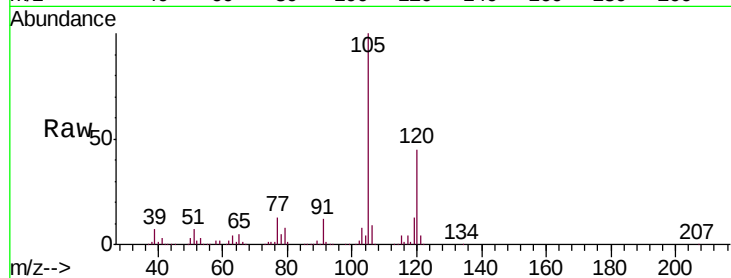




#78
 1,2,4-Trimethylbenzene
 Concen: 11.010 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

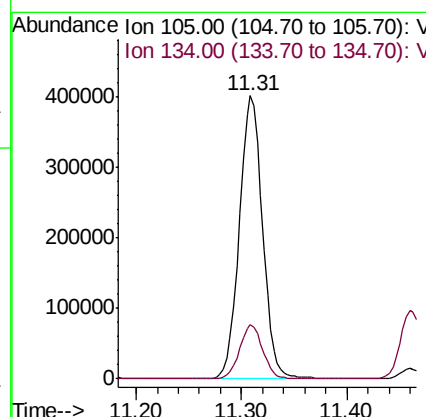
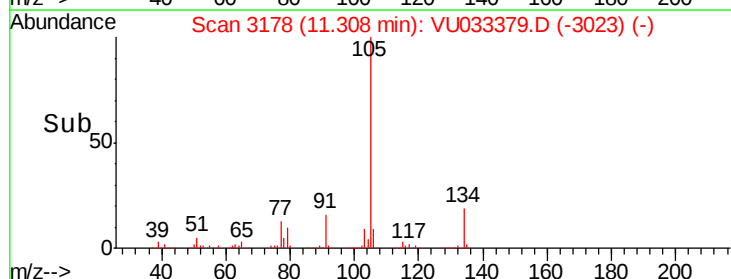
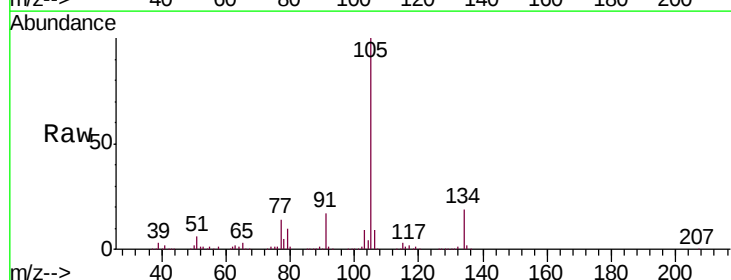
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

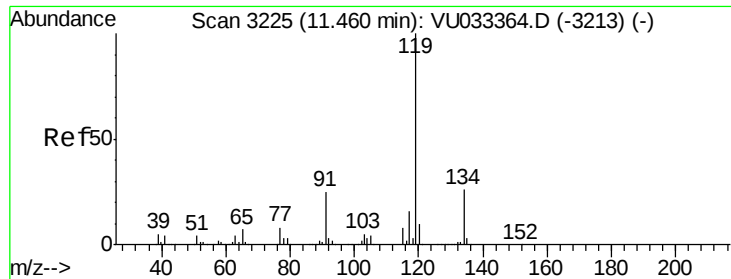
Tgt Ion:105 Resp: 341384
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5



#79
 sec-Butylbenzene
 Concen: 15.377 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Tgt Ion:105 Resp: 608459
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.5 23.3

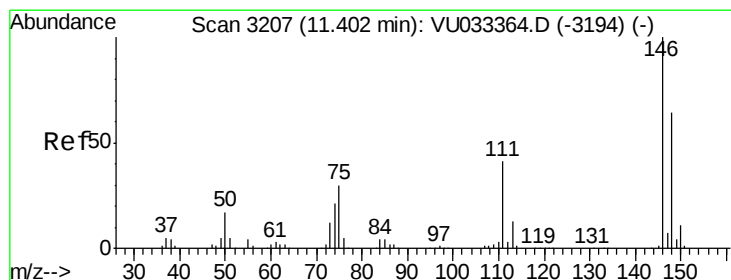
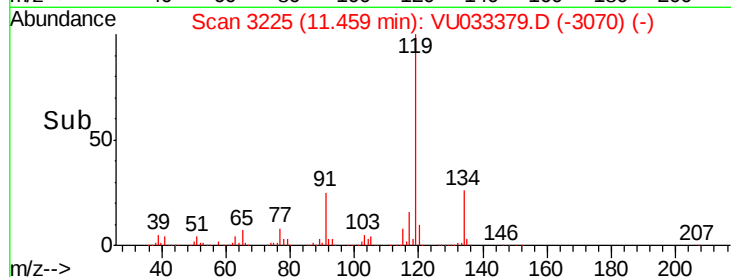
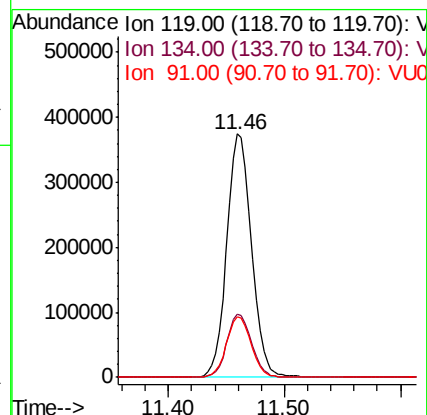
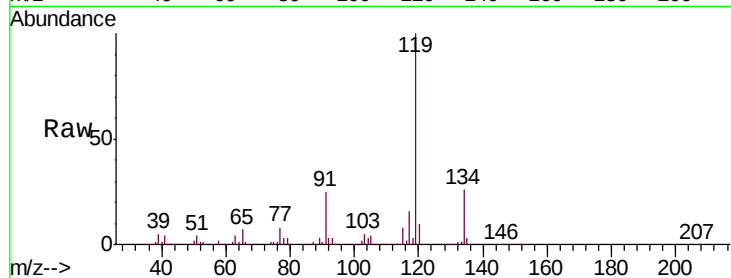




#81
p-Isopropyltoluene
Concen: 17.046 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VU033379.D
Acq: 23 Jul 2019 14:10

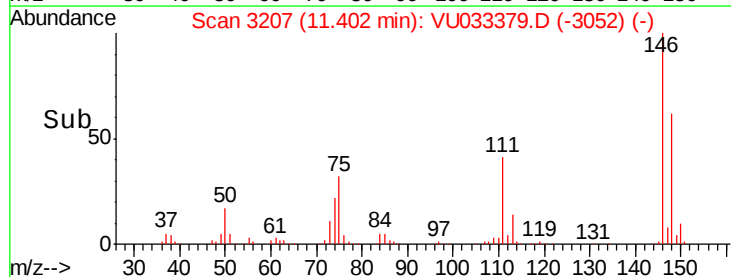
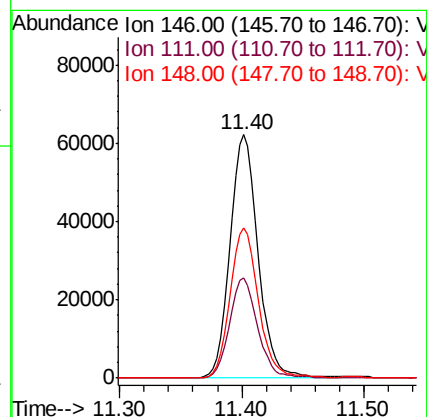
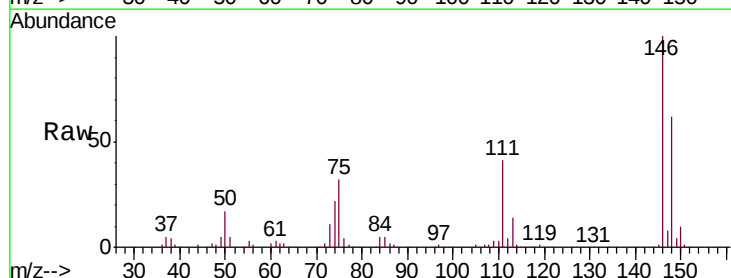
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

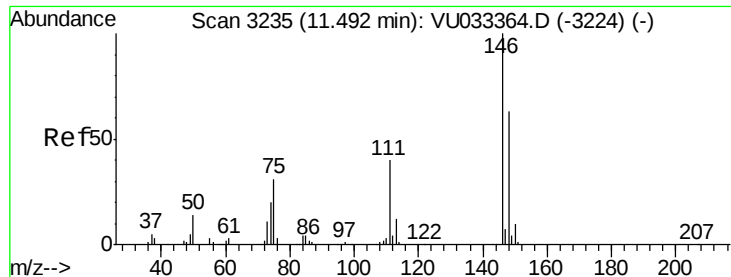
Tgt Ion:119 Resp: 548383
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.4
91 24.9 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 5.313 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033379.D
Acq: 23 Jul 2019 14:10

Tgt Ion:146 Resp: 100786
Ion Ratio Lower Upper
146 100
111 41.1 33.3 49.9
148 62.4 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 5.370 ug/l

RT: 11.40 min Scan# 3207

Delta R.T. -0.09 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

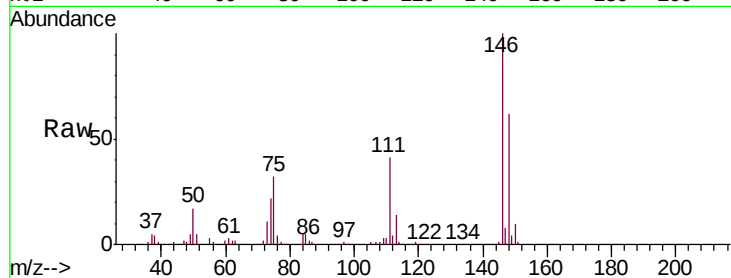
Tgt Ion:146 Resp: 100786

Ion Ratio Lower Upper

146 100

111 41.1 32.2 48.4

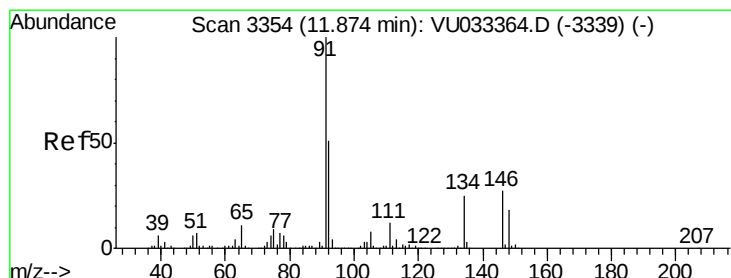
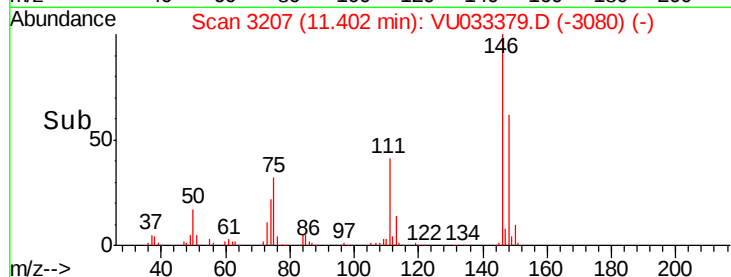
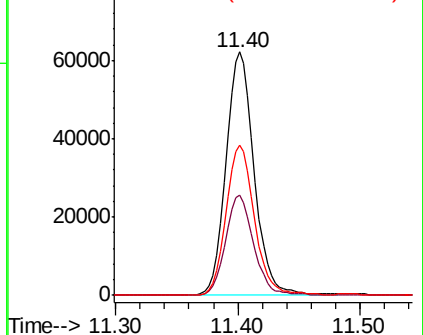
148 62.4 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 17.363 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU033379.D

Acq: 23 Jul 2019 14:10

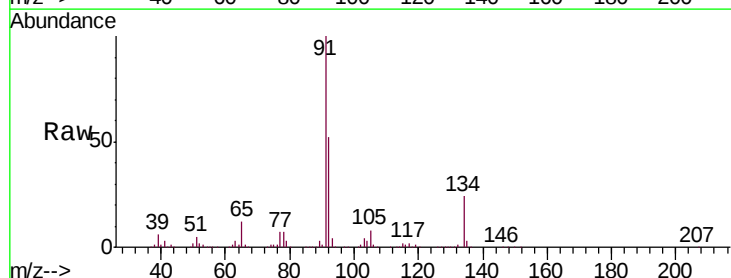
Tgt Ion: 91 Resp: 571599

Ion Ratio Lower Upper

91 100

92 51.7 41.0 61.6

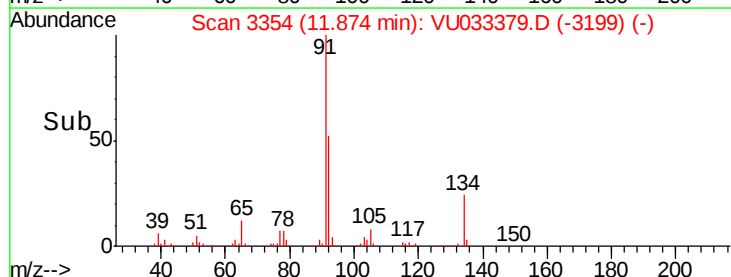
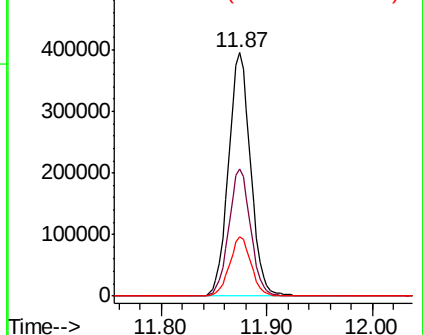
134 23.8 19.5 29.3

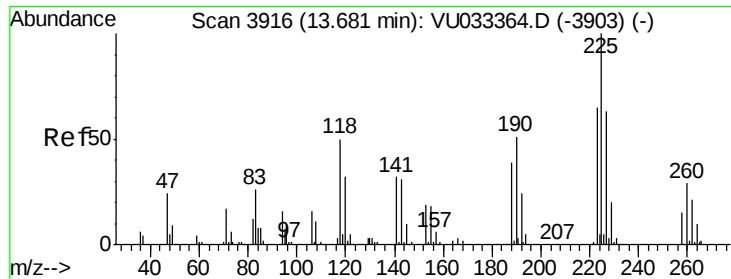


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

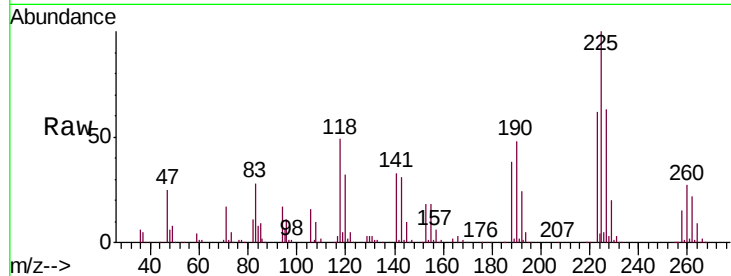




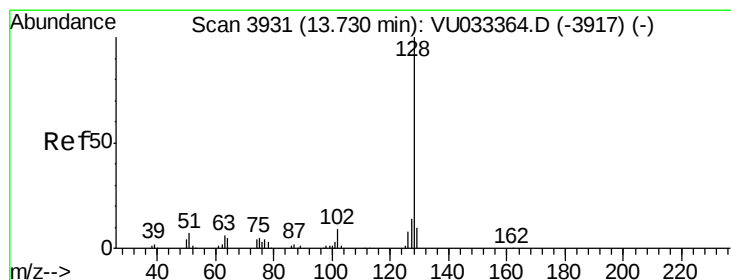
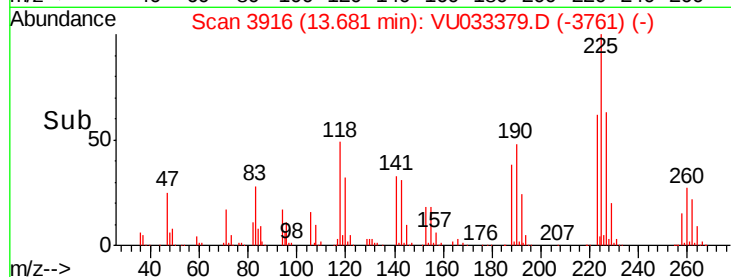
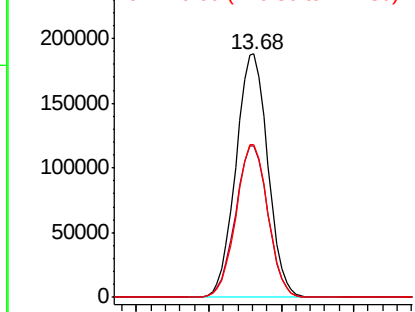
#88
Hexachlorobutadiene
Concen: 44.116 ug/l
RT: 13.68 min Scan# 3916
Delta R.T. -0.00 min
Lab File: VU033379.D
Acq: 23 Jul 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Tgt Ion:225 Resp: 287952
Ion Ratio Lower Upper
225 100
223 62.8 52.2 78.4
227 62.5 51.7 77.5

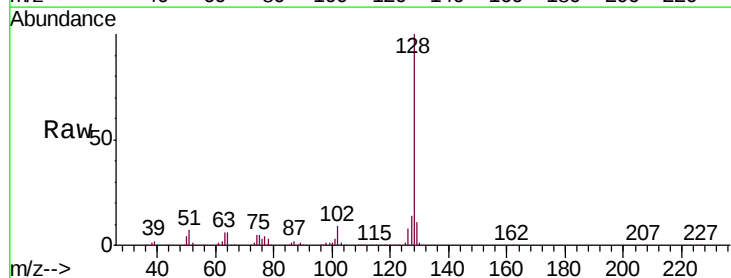


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

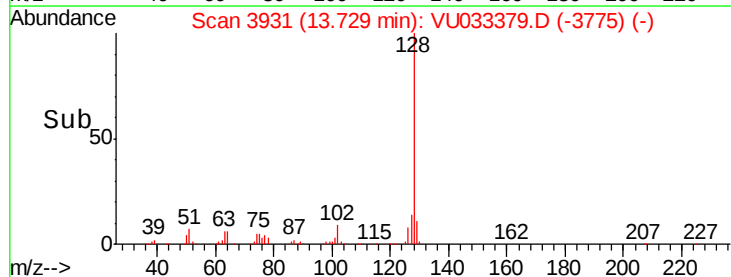
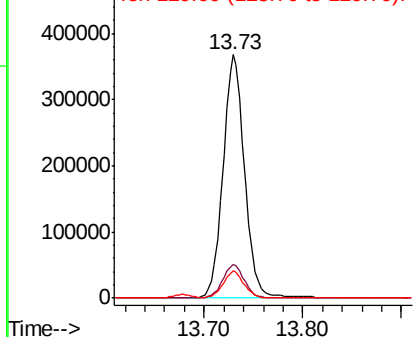


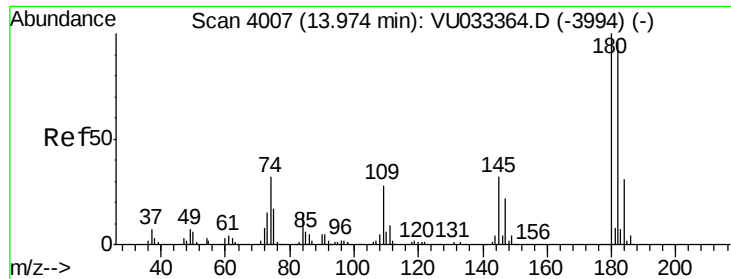
#89
Naphthalene
Concen: 22.641 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033379.D
Acq: 23 Jul 2019 14:10

Tgt Ion:128 Resp: 565413
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 10.7 8.5 12.7



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

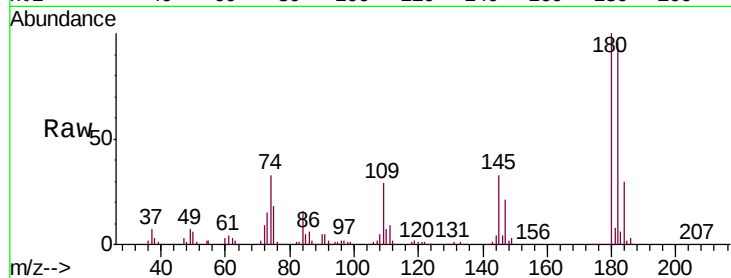




#90
 1,2,3-Trichlorobenzene
 Concen: 66.059 ug/l
 RT: 13.97 min Scan# 4007
 Delta R.T. -0.00 min
 Lab File: VU033379.D
 Acq: 23 Jul 2019 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.9	116.9
145	32.9	25.8	38.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

