

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034526.D
 Acq On : 12 Sep 2019 17:37
 Operator : JC/SP
 Sample : K4756-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

Quant Time: Sep 13 07:12:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	260172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	386839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	395111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	230653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	222694	56.57	ug/l	0.00
Spiked Amount			Recovery	=	113.14%	
35) Dibromofluoromethane	4.86	113	192217	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
50) Toluene-d8	7.55	98	709642	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	10.29	95	242534	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	1196	Below Cal		83
6) Chloroethane	1.70	64	172	Below Cal	#	43
10) Methyl Iodide	2.41	142	1029	4.191	ug/l #	91
11) Tert butyl alcohol	2.82	59	3060	3.679	ug/l #	90
13) Acrolein	2.18	56	200	0.286	ug/l #	1
16) Acetone	2.31	43	8843	4.341	ug/l	94
17) Carbon Disulfide	2.46	76	1599	0.251	ug/l #	94
20) Methylene Chloride	2.69	84	596	Below Cal	#	87
30) Chloroform	4.66	83	6305	0.984	ug/l	96
31) Cyclohexane	4.96	56	4405	0.955	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	17833	4.251	ug/l #	48
38) Carbon Tetrachloride	4.96	117	23105	5.158	ug/l #	17
44) Trichloroethene	6.17	130	1136	0.303	ug/l	91
49) 1,4-Dioxane	6.62	88	128	1.595	ug/l #	43
51) 4-Methyl-2-Pentanone	7.45	43	4240	0.792	ug/l	98
56) Ethyl methacrylate	8.02	69	234	3.114	ug/l #	52
59) 2-Hexanone	8.37	43	3547	0.886	ug/l	76
60) Dibromochloromethane	8.21	129	95635	23.123	ug/l #	12
64) Tetrachloroethene	8.21	164	103222	30.113	ug/l	99
65) Chlorobenzene	9.10	112	2046	0.204	ug/l #	87
71) Bromoform	9.94	173	998	0.301	ug/l #	80
74) N-amyl acetate	10.00	43	1613	0.267	ug/l #	67
76) 1,2,3-Trichloropropane	10.29	75	113908	22.624	ug/l #	36
77) Bromobenzene	10.44	156	975	0.232	ug/l	76
78) n-propylbenzene	10.57	91	3937	0.227	ug/l	91
79) 2-Chlorotoluene	10.65	91	2245	0.212	ug/l	87
81) trans-1,4-Dichloro-2-buten	10.29	75	113908	76.084	ug/l #	100
82) 4-Chlorotoluene	10.76	91	3171	0.261	ug/l	99
86) p-Isopropyltoluene	11.46	119	2892	0.211	ug/l #	77
87) 1,3-Dichlorobenzene	11.40	146	2637	0.344	ug/l	95
88) 1,4-Dichlorobenzene	11.40	146	2637	0.330	ug/l	96
89) n-Butylbenzene	11.87	91	4132	0.347	ug/l	95
91) 1,2-Dichlorobenzene	11.86	146	2694	0.358	ug/l	91
93) 1,2,4-Trichlorobenzene	13.50	180	3304	4.015	ug/l	96

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QLast Update : Fri Sep 06 05:10:13 2019
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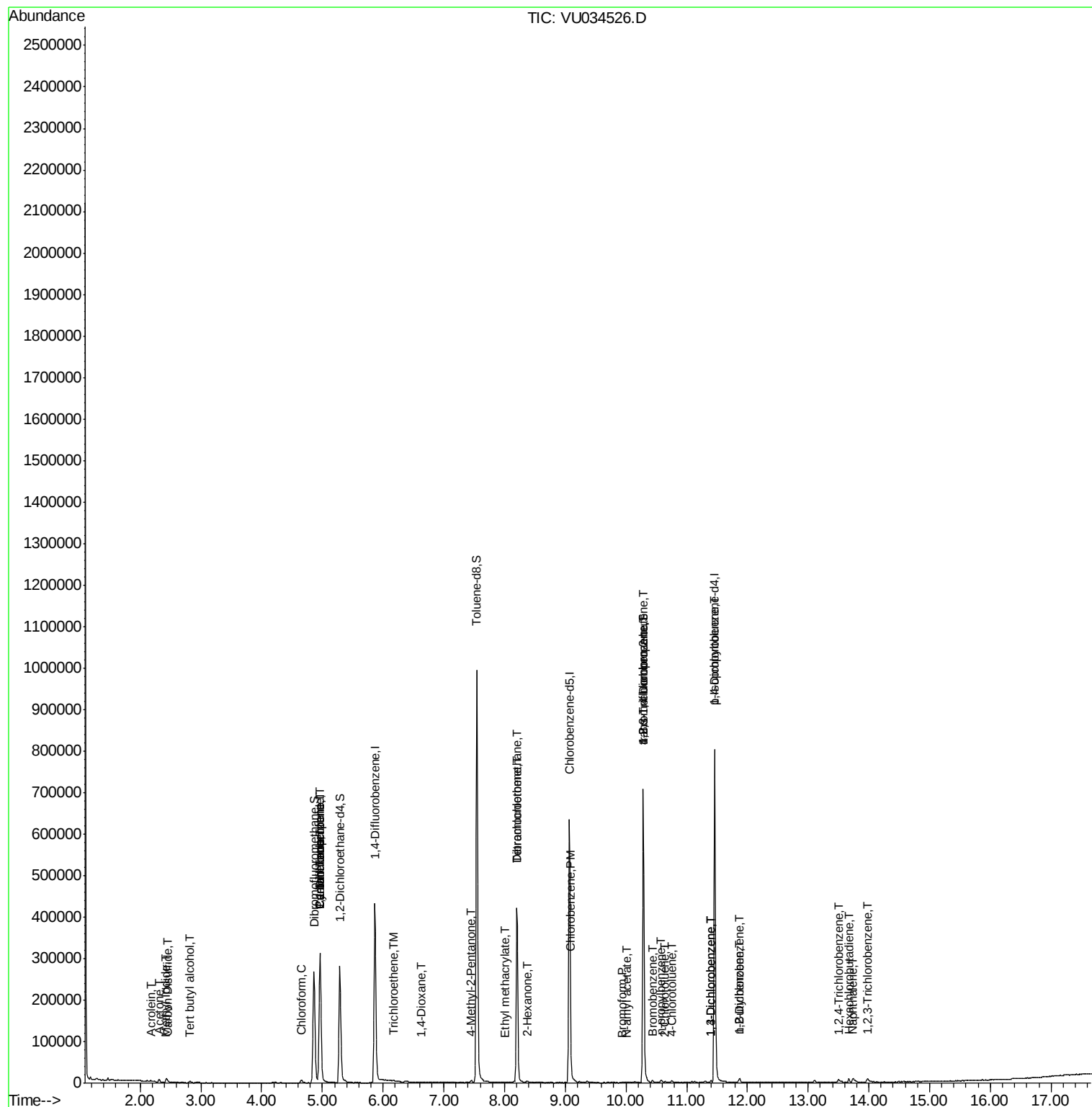
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.67	225	1817	0.690	ug/l	92
95) Naphthalene	13.74	128	15636	4.902	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.98	180	4780	3.497	ug/l	86

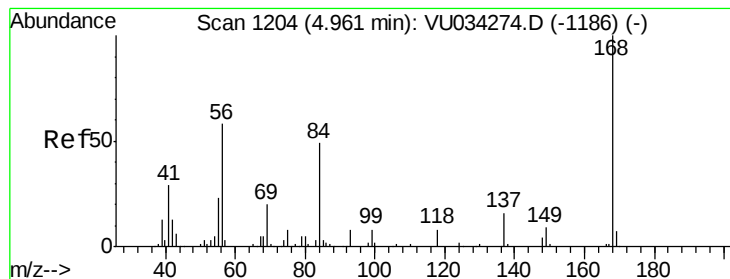
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

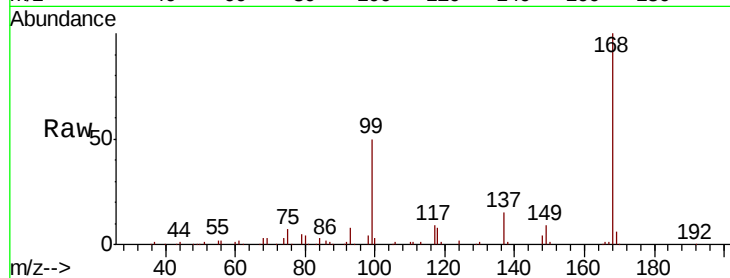
CPA-CPMW09S-M27W1-090319

Tgt Ion:168 Resp: 260172

Ion Ratio Lower Upper

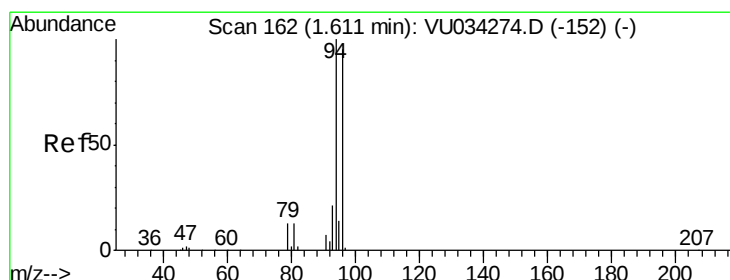
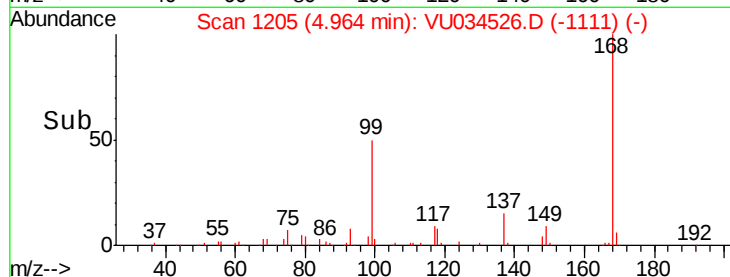
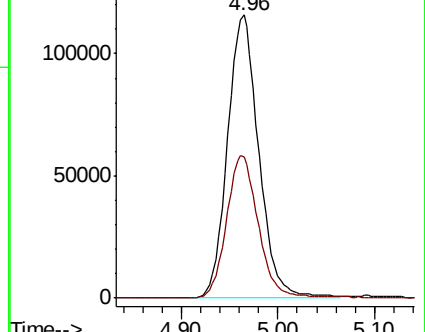
168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034526.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034526.D (-1186) (-)



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034526.D

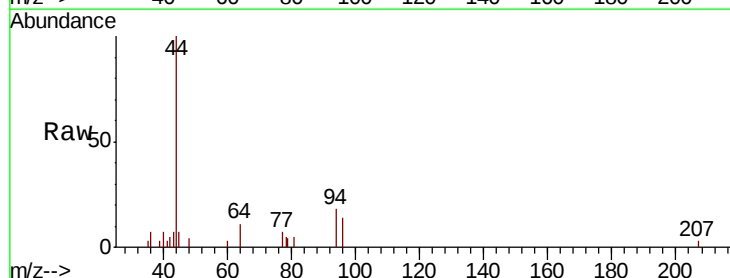
Acq: 12 Sep 2019 17:37

Tgt Ion: 94 Resp: 1196

Ion Ratio Lower Upper

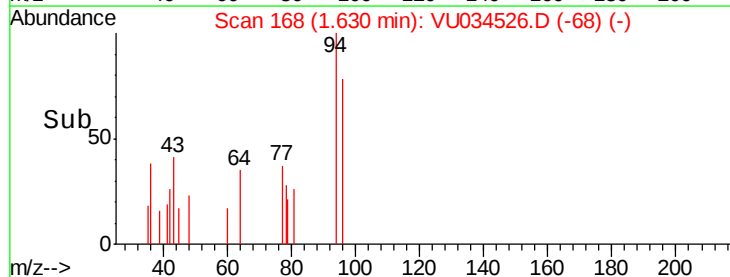
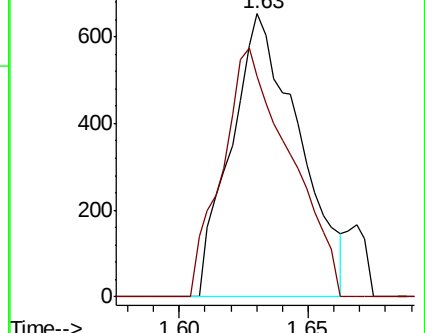
94 100

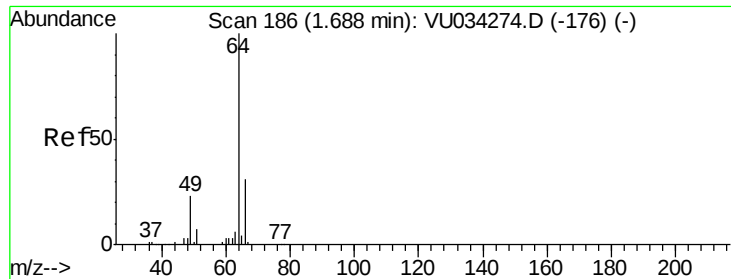
96 77.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034526.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034526.D (-68) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

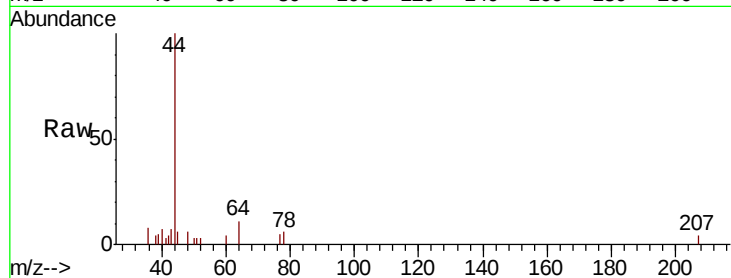
CPA-CPMW09S-M27W1-090319

Tgt Ion: 64 Resp: 172

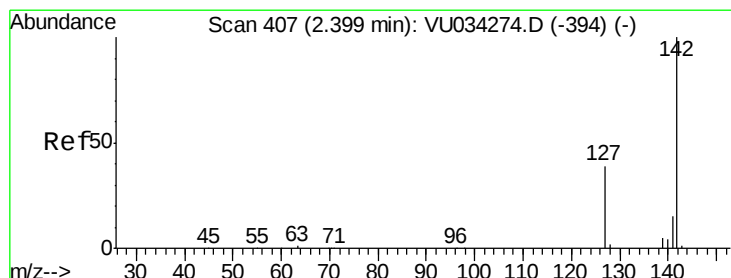
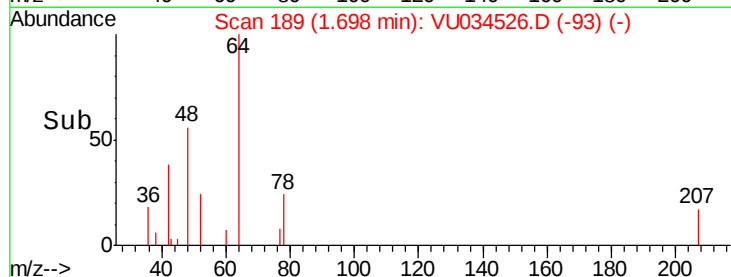
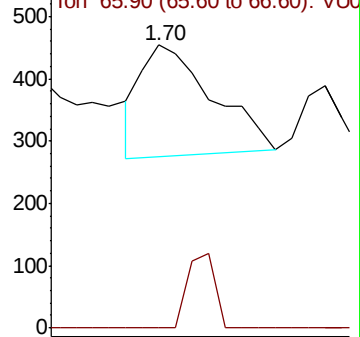
Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)



#10

Methyl Iodide

Concen: 4.191 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

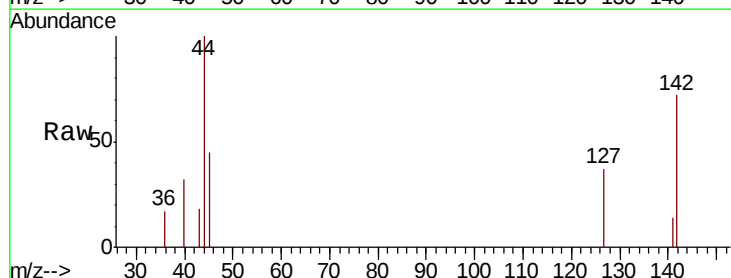
Tgt Ion: 142 Resp: 1029

Ion Ratio Lower Upper

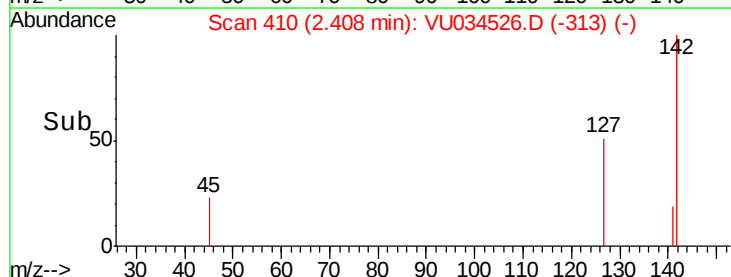
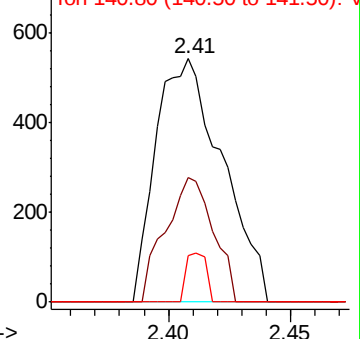
142 100

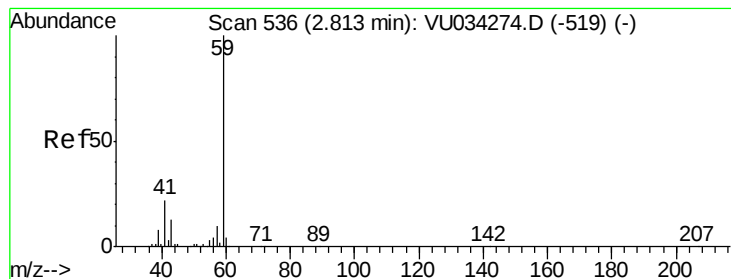
127 37.0 32.1 48.1

141 5.9 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VU034274.D (-394) (-)



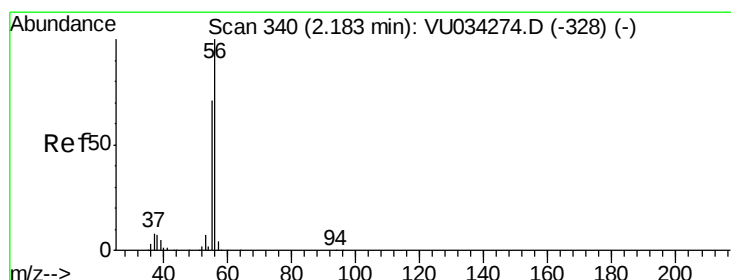
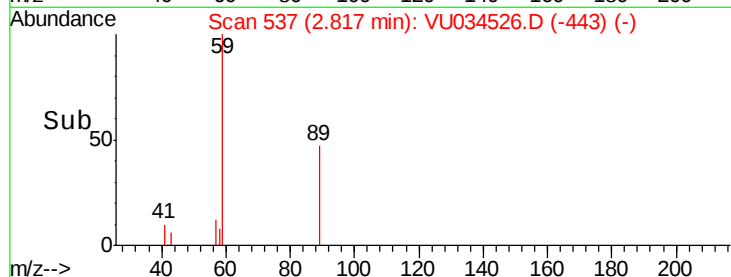
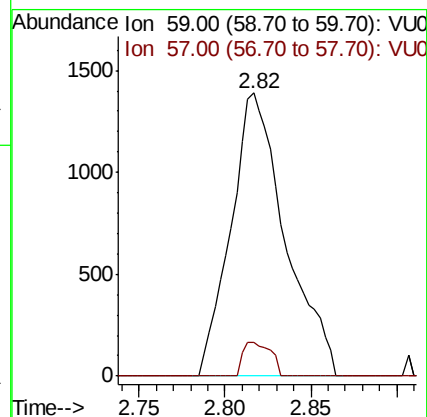
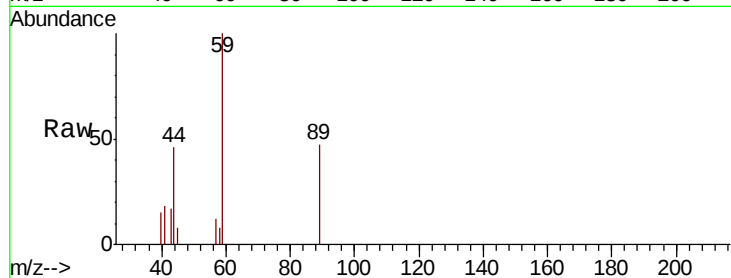


#11

Tert butyl alcohol
 Concen: 3.679 ug/l
 RT: 2.82 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Instrument :
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 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

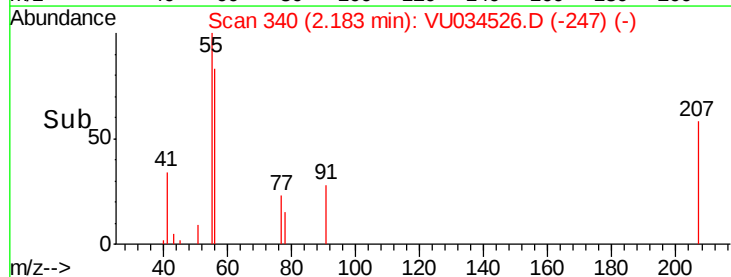
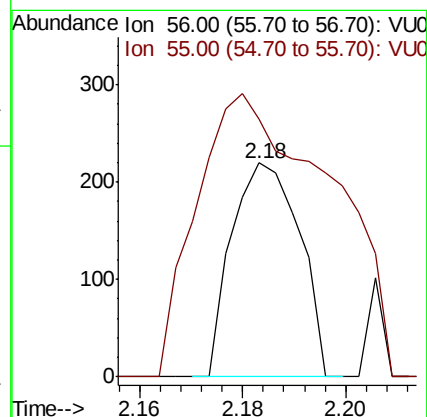
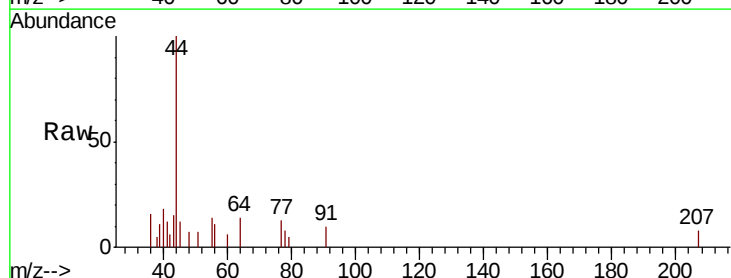
Tgt Ion: 59 Resp: 3060
 Ion Ratio Lower Upper
 59 100
 57 6.1 7.9 11.9#

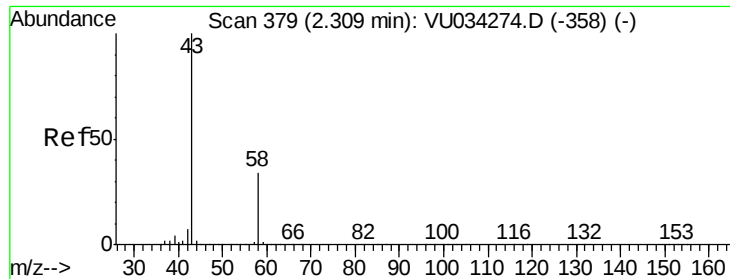


#13

Acrolein
 Concen: 0.286 ug/l
 RT: 2.18 min Scan# 340
 Delta R.T. -0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion: 56 Resp: 200
 Ion Ratio Lower Upper
 56 100
 55 261.0 57.4 86.2#





#16

Acetone

Concen: 4.341 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

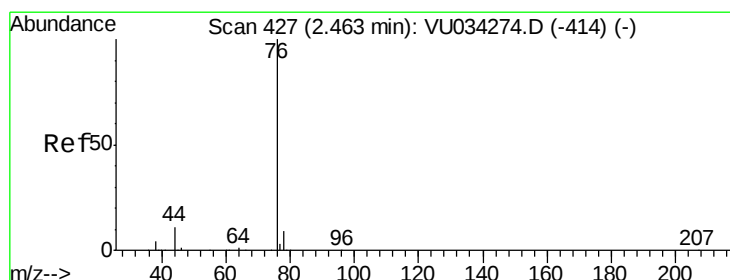
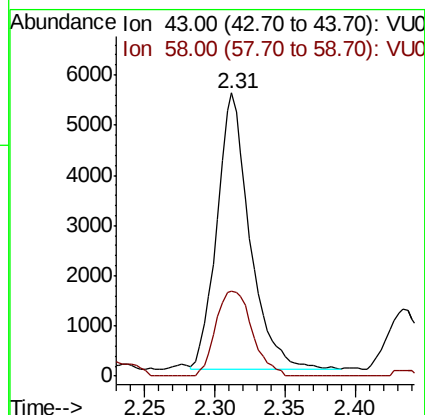
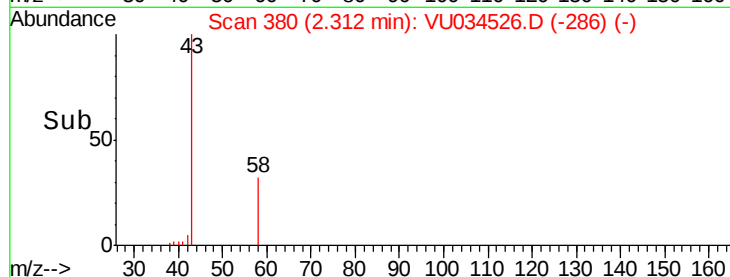
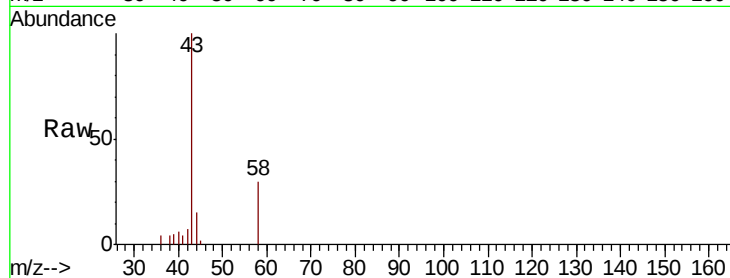
CPA-CPMW09S-M27W1-090319

Tgt Ion: 43 Resp: 8843

Ion Ratio Lower Upper

43 100

58 30.8 27.6 41.4



#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU034526.D

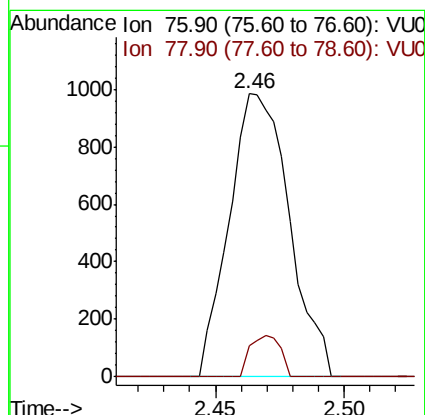
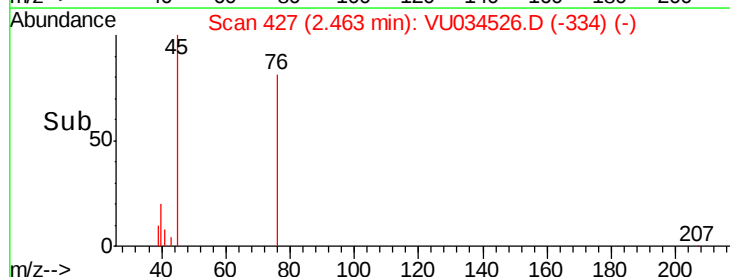
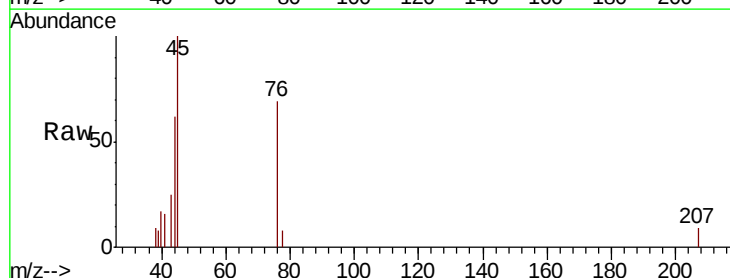
Acq: 12 Sep 2019 17:37

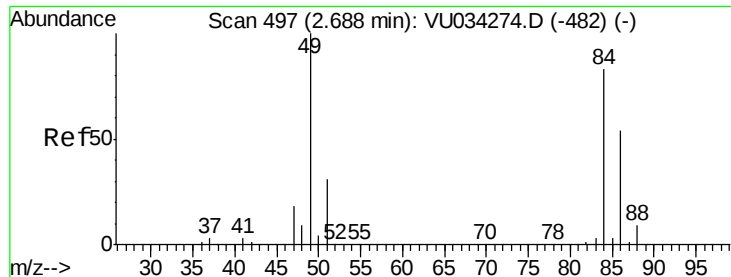
Tgt Ion: 76 Resp: 1599

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#

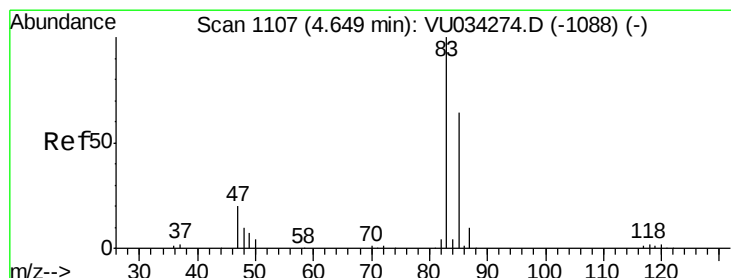
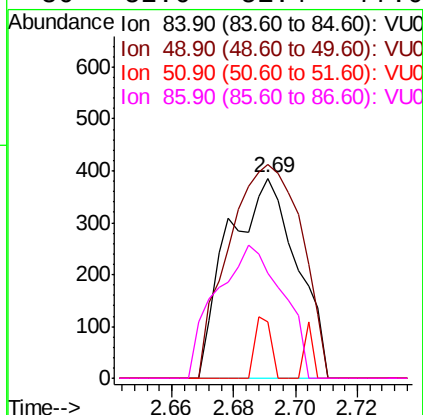
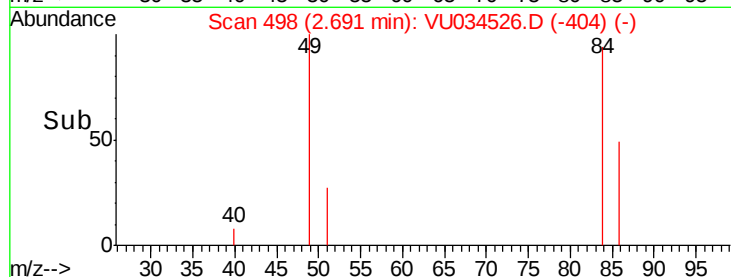
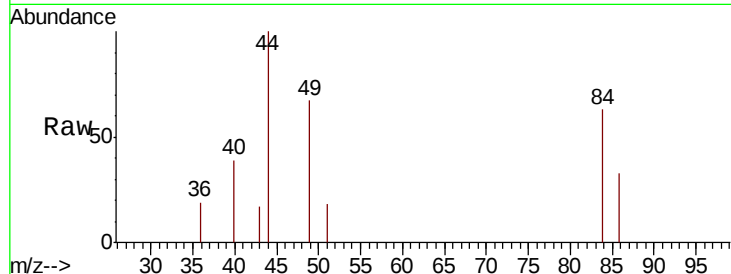




#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

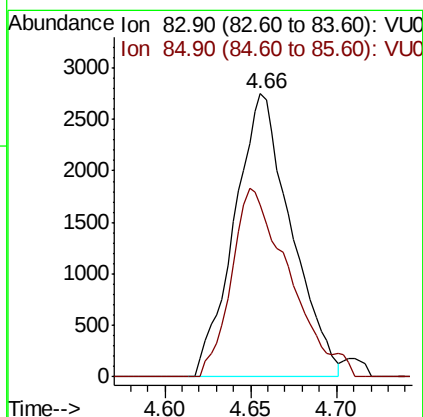
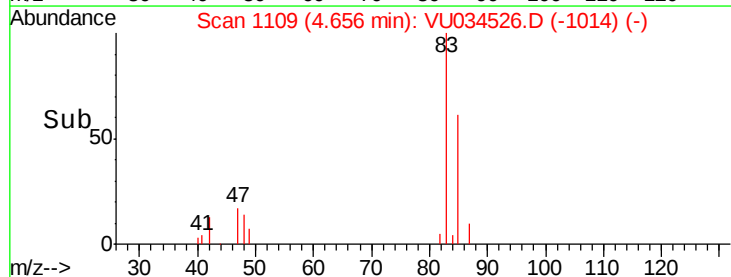
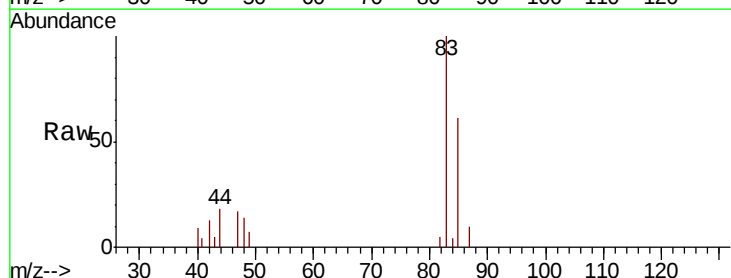
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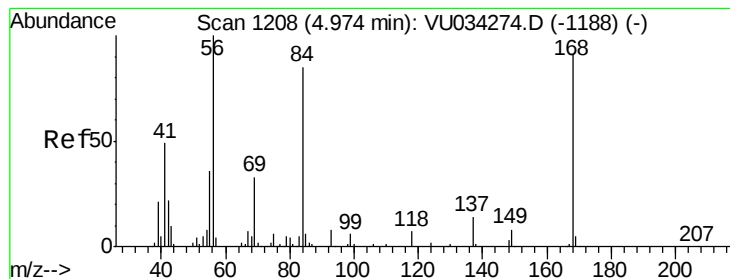
Tgt Ion: 84 Resp: 596
Ion Ratio Lower Upper
84 100
49 106.7 96.0 144.0
51 28.5 30.0 45.0#
86 52.6 51.4 77.0



#30
Chloroform
Concen: 0.984 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion: 83 Resp: 6305
Ion Ratio Lower Upper
83 100
85 60.9 51.5 77.3





#31

Cyclohexane

Concen: 0.955 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319

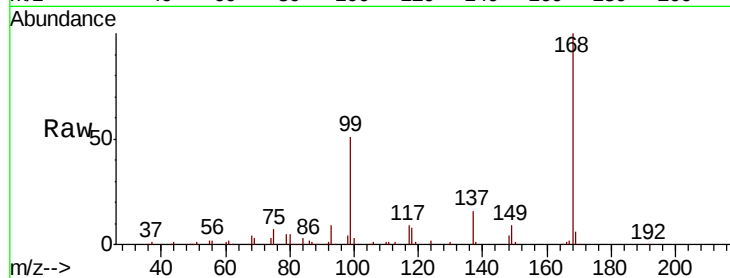
Tgt Ion: 56 Resp: 4405

Ion Ratio Lower Upper

56 100

69 190.5 26.7 40.1#

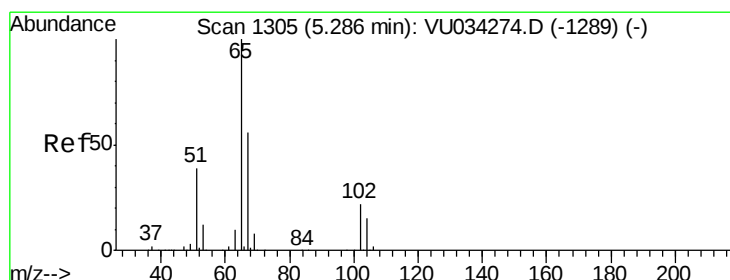
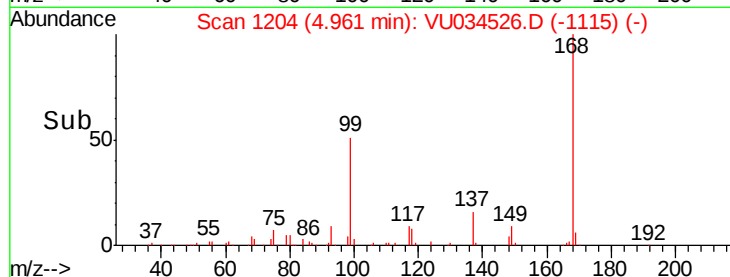
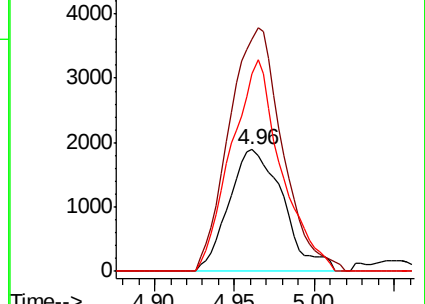
84 161.9 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034526.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034526.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034526.D (-1188) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.572 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034526.D

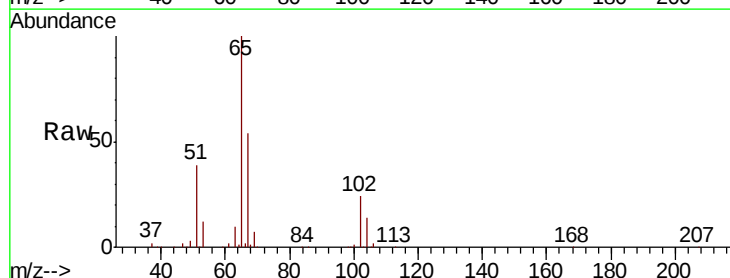
Acq: 12 Sep 2019 17:37

Tgt Ion: 65 Resp: 222694

Ion Ratio Lower Upper

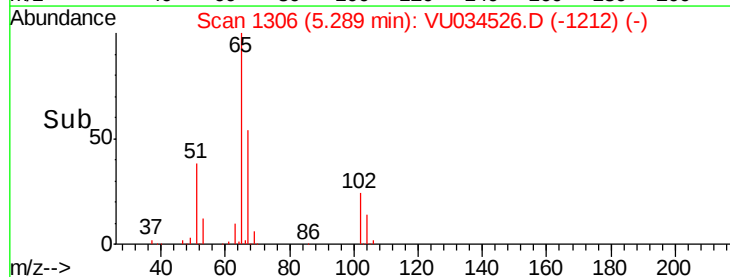
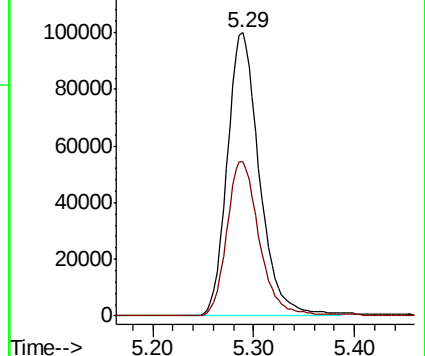
65 100

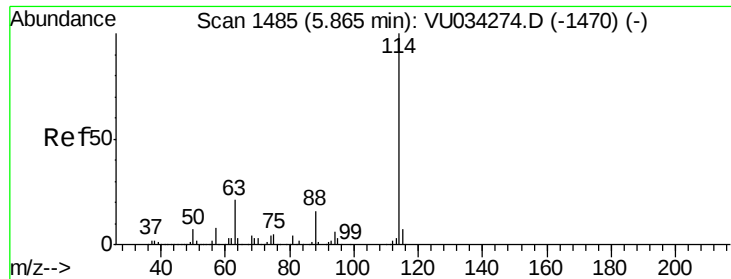
67 55.0 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034526.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034526.D (-1212) (-)

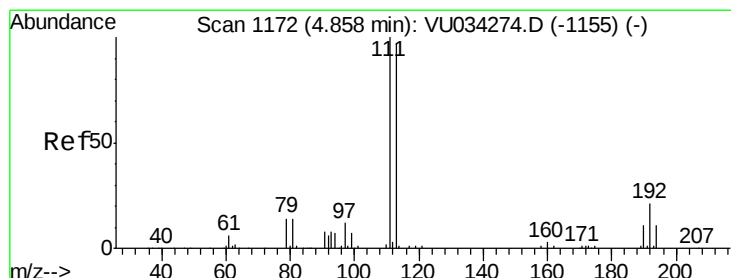
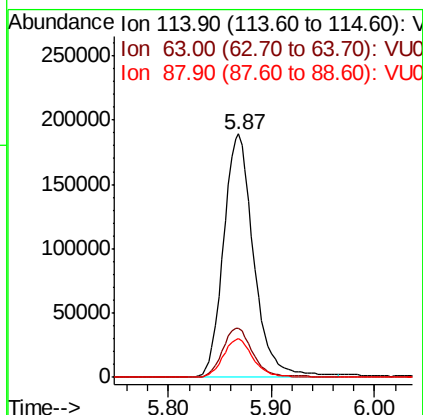
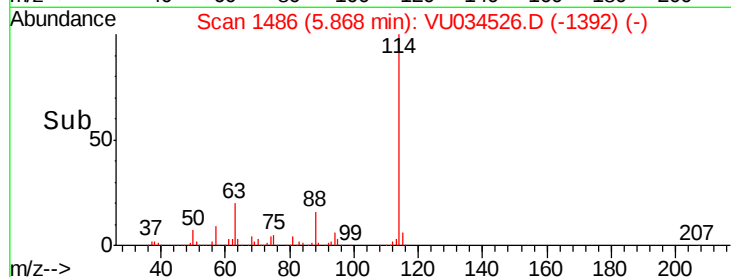
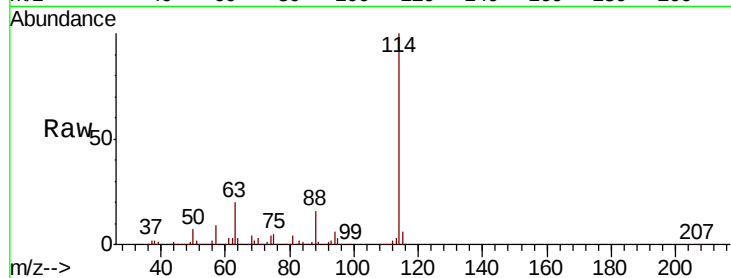




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

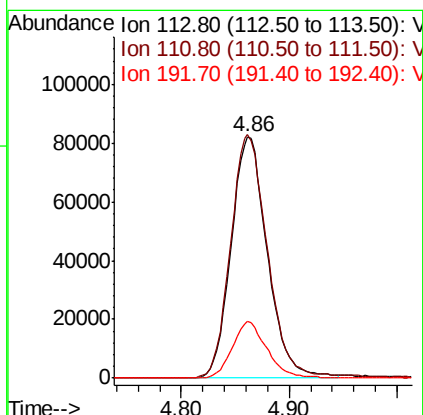
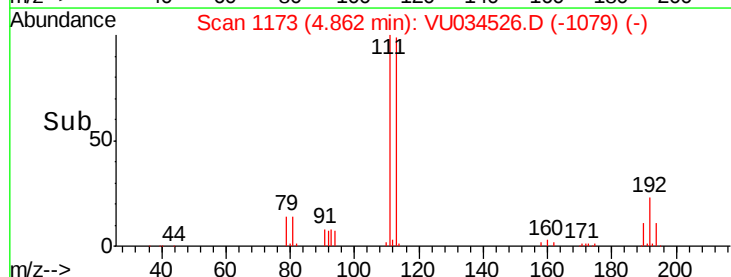
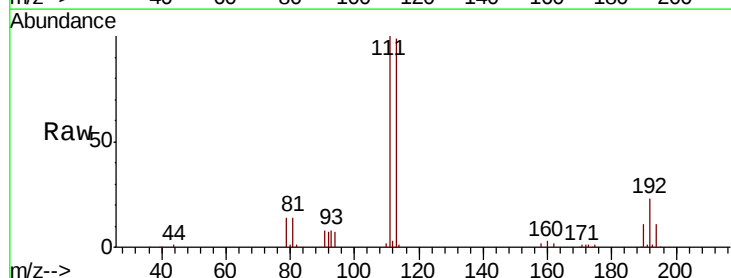
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

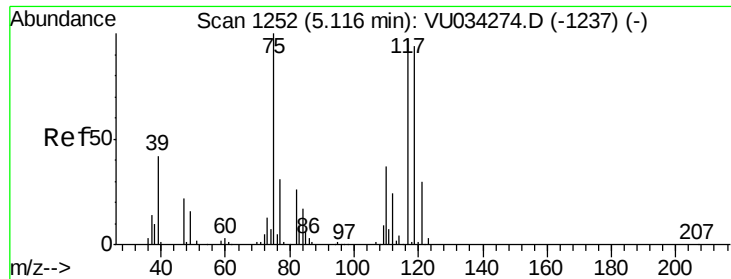
Tgt Ion:114 Resp: 386839
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 53.400 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion:113 Resp: 192217
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 22.6 17.8 26.8

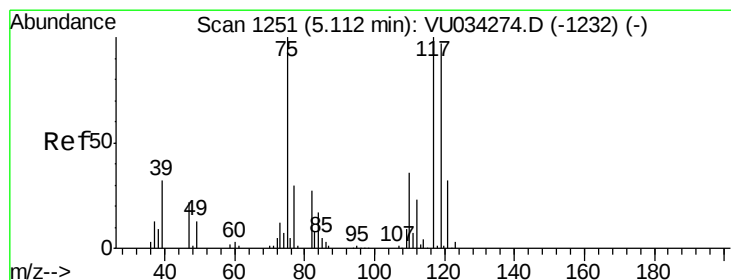
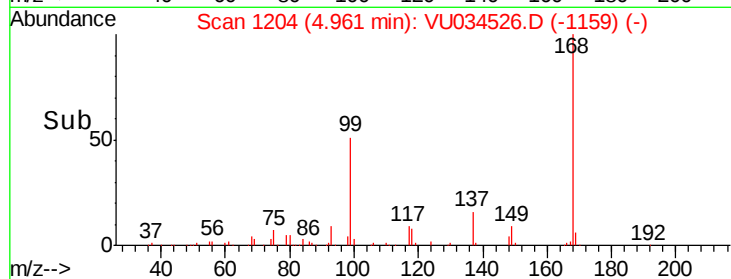
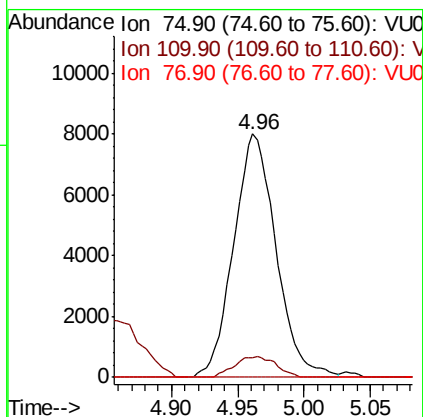
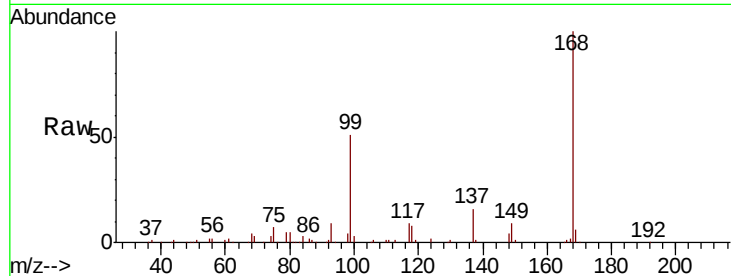




#36
 1,1-Dichloropropene
 Concen: 4.251 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

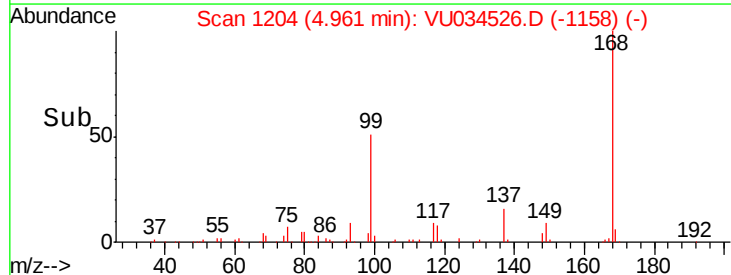
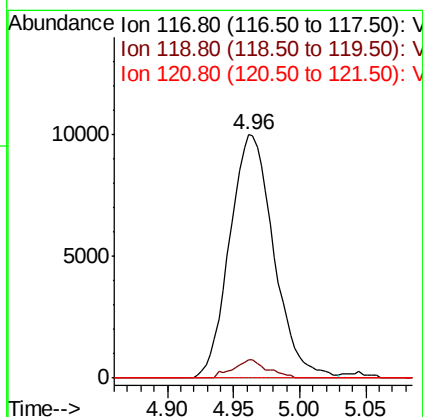
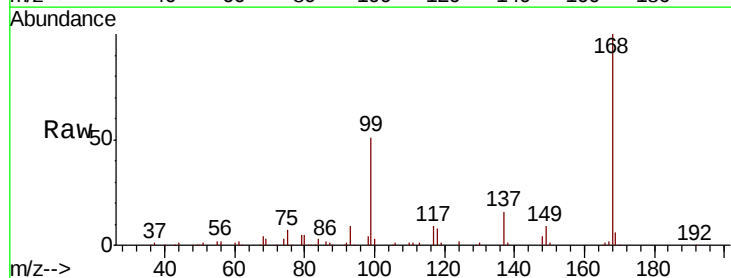
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

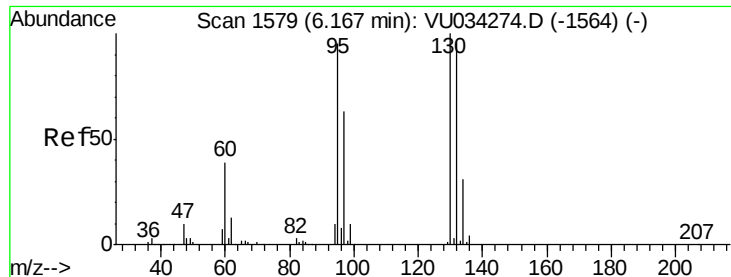
Tgt Ion: 75 Resp: 17833
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.158 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion: 117 Resp: 23105
 Ion Ratio Lower Upper
 117 100
 119 7.4 77.8 116.6#
 121 0.0 25.2 37.8#





#44

Trichloroethene

Concen: 0.303 ug/l

RT: 6.17 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

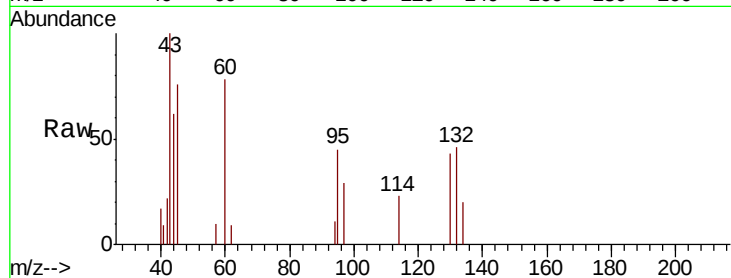
CPA-CPMW09S-M27W1-090319

Tgt Ion:130 Resp: 1136

Ion Ratio Lower Upper

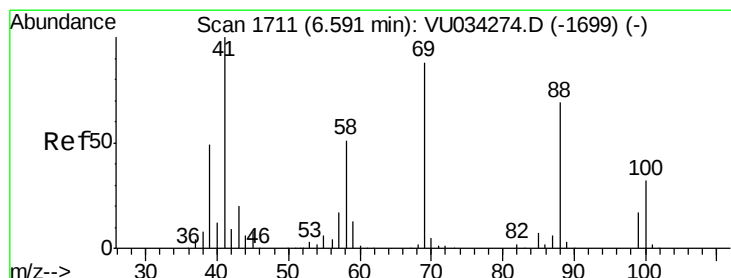
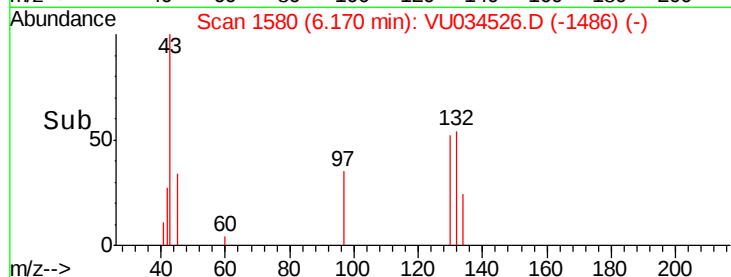
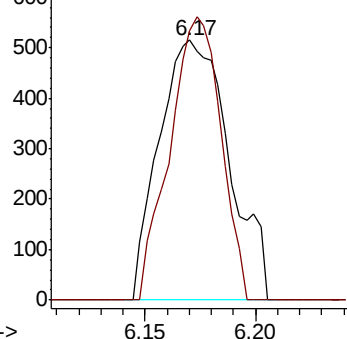
130 100

95 103.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#49

1,4-Dioxane

Concen: 1.595 ug/l

RT: 6.62 min Scan# 1720

Delta R.T. 0.03 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

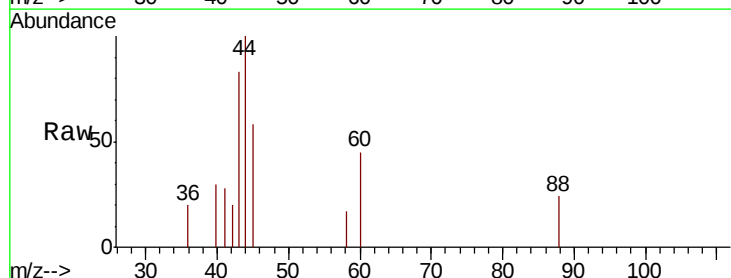
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 93.0 23.8 35.6#

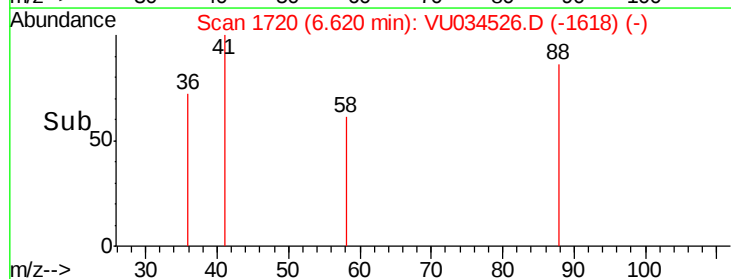
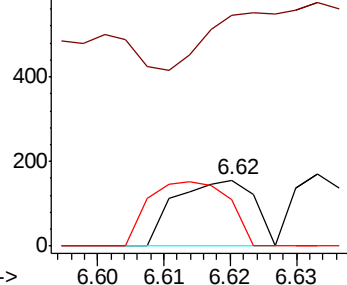
58 100.0 58.4 87.6#

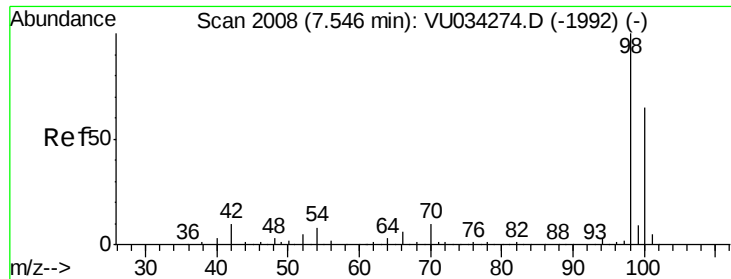


Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

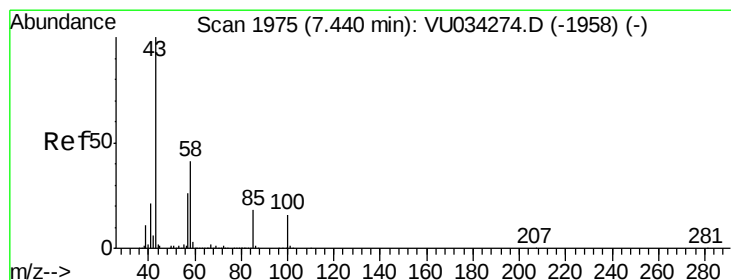
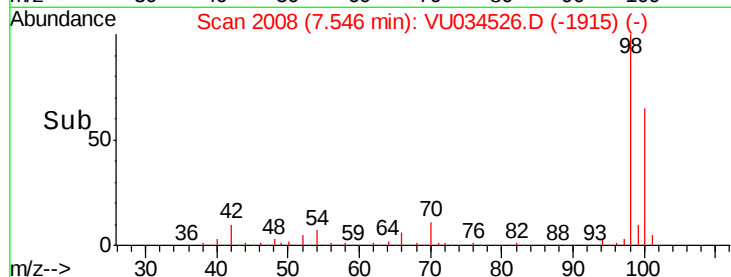
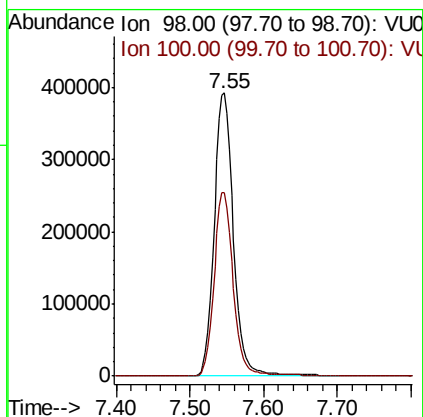
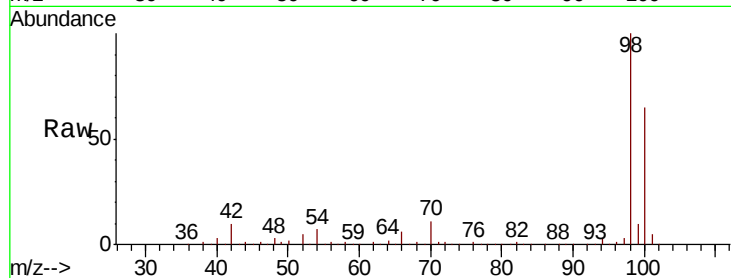




#50
Toluene-d8
Concen: 52.474 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

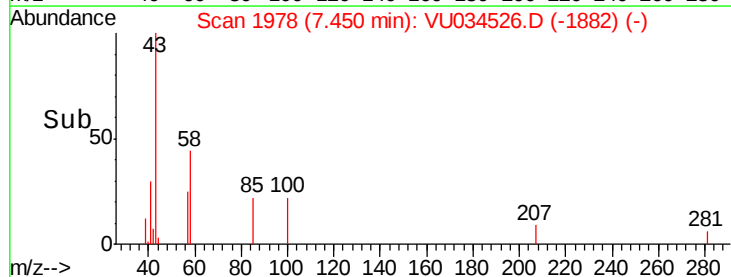
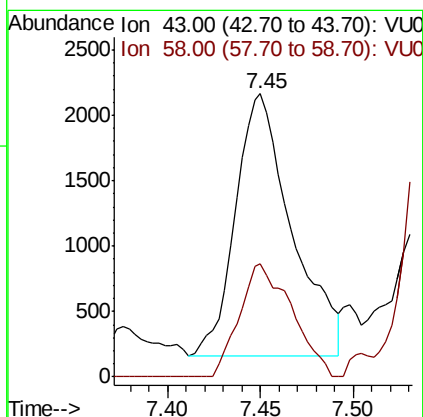
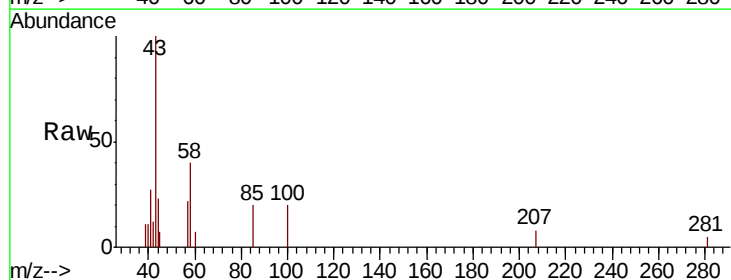
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

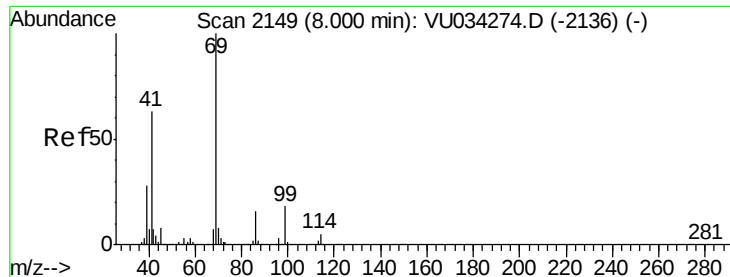
Tgt Ion: 98 Resp: 709642
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.792 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.01 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion: 43 Resp: 4240
Ion Ratio Lower Upper
43 100
58 40.1 33.0 49.4





#56

Ethyl methacrylate

Concen: 3.114 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.02 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319

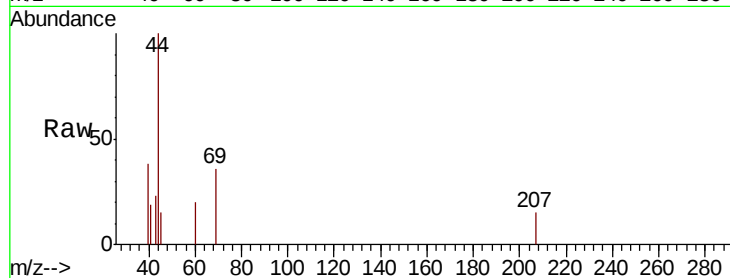
Tgt Ion: 69 Resp: 234

Ion Ratio Lower Upper

69 100

41 96.6 49.5 74.3#

39 0.0 22.5 33.7#



Abundance Ion 69.00 (68.70 to 69.70): VU034526.D (-2154) (-)

Ion 41.00 (40.70 to 41.70): VU034526.D (-2154) (-)

Ion 39.00 (38.70 to 39.70): VU034526.D (-2154) (-)

8.02

300

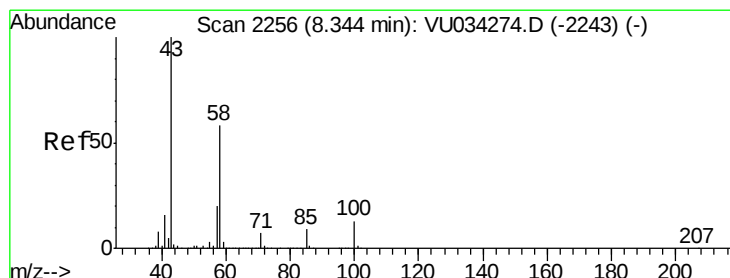
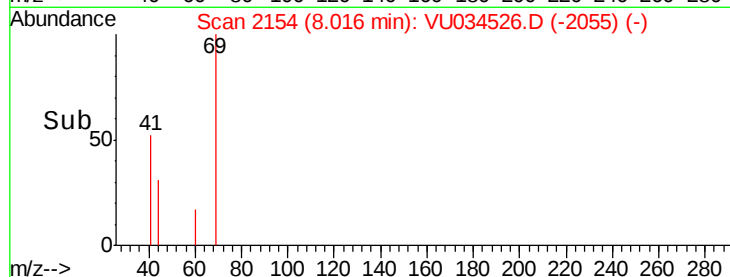
200

100

0

8.00 8.01 8.02 8.03

Time-->



#59

2-Hexanone

Concen: 0.886 ug/l

RT: 8.37 min Scan# 2264

Delta R.T. 0.03 min

Lab File: VU034526.D

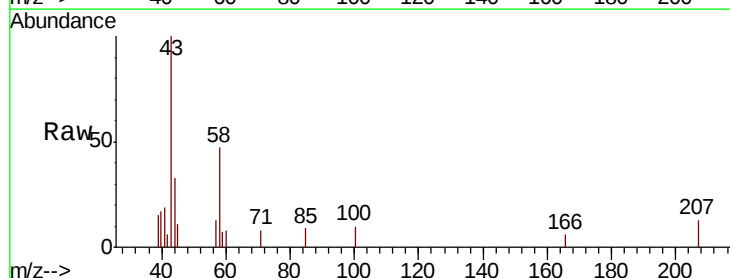
Acq: 12 Sep 2019 17:37

Tgt Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

58 40.2 28.8 86.5



Abundance Ion 43.00 (42.70 to 43.70): VU034526.D (-2264) (-)

Ion 58.00 (57.70 to 58.70): VU034526.D (-2264) (-)

8.37

1500

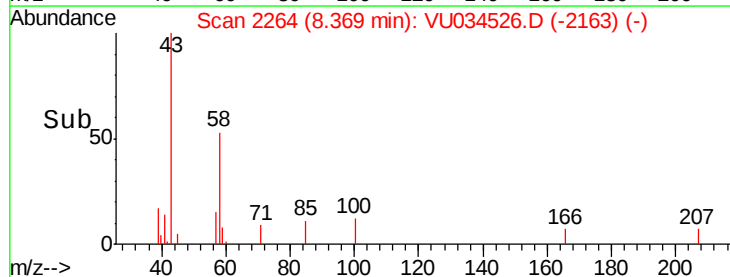
1000

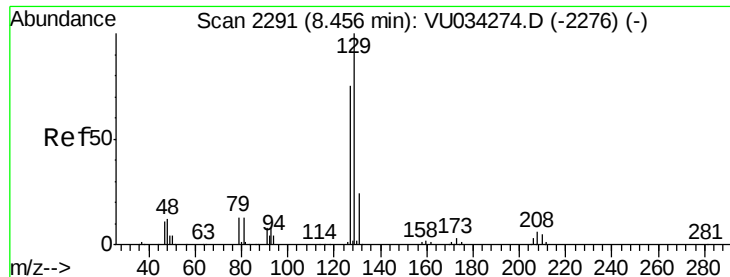
500

0

8.30 8.35 8.40 8.45

Time-->

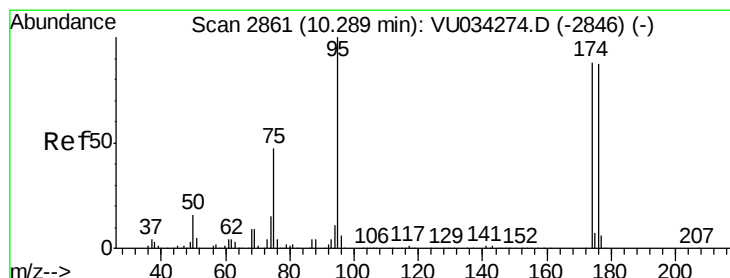
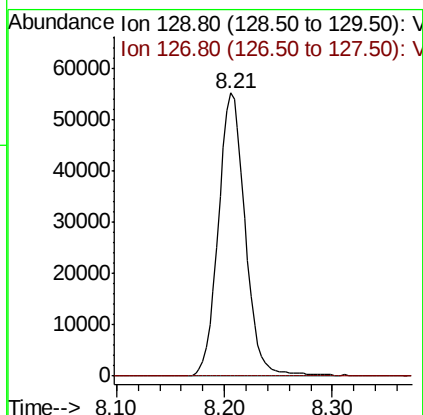
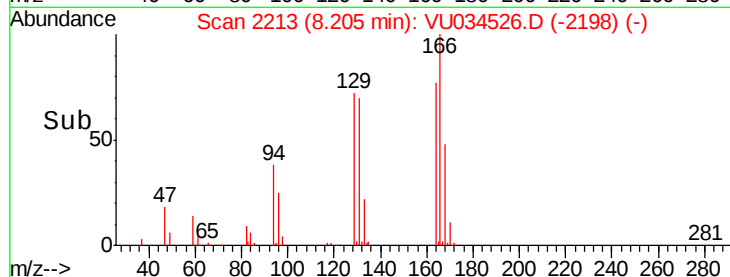
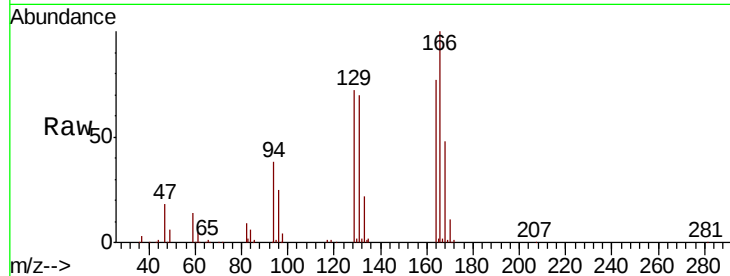




#60
 Dibromochloromethane
 Concen: 23.123 ug/l
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.25 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

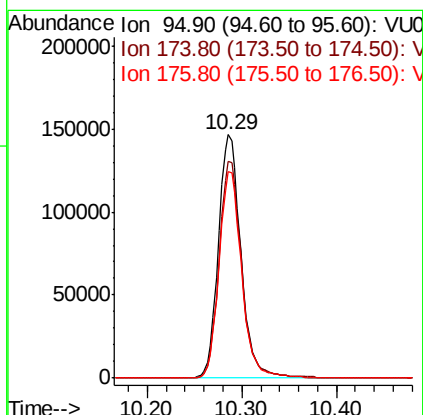
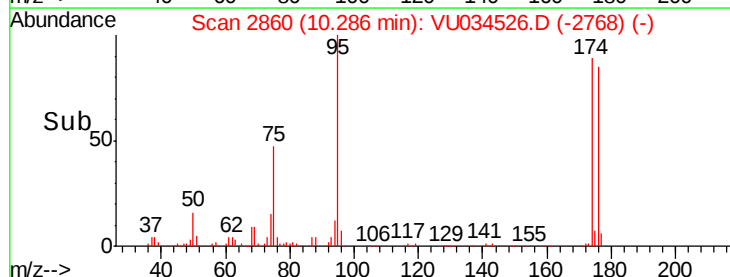
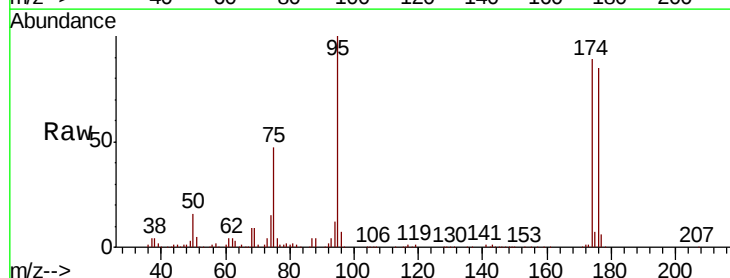
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

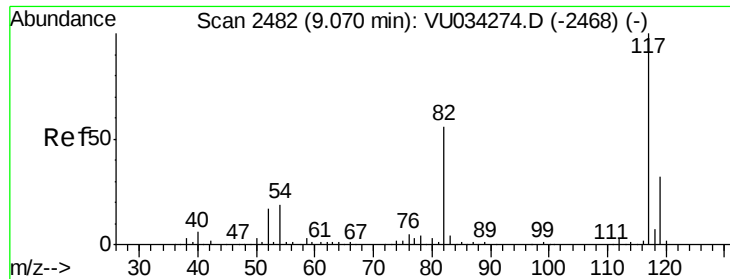
Tgt Ion: 129 Resp: 95635
 Ion Ratio Lower Upper
 129 100
 127 0.0 37.9 113.7#



#62
 4-Bromofluorobenzene
 Concen: 46.450 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion: 95 Resp: 242534
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 175.2
 176 85.2 0.0 168.0

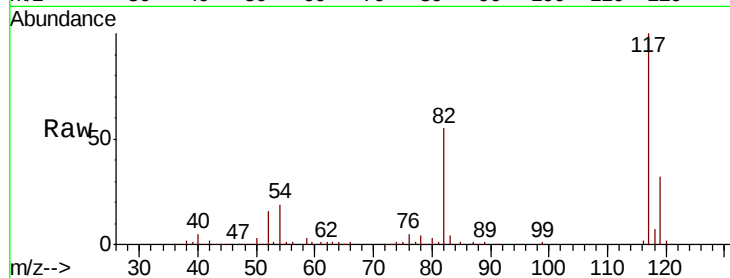




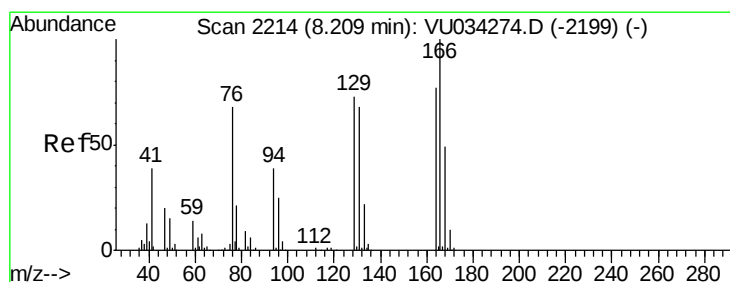
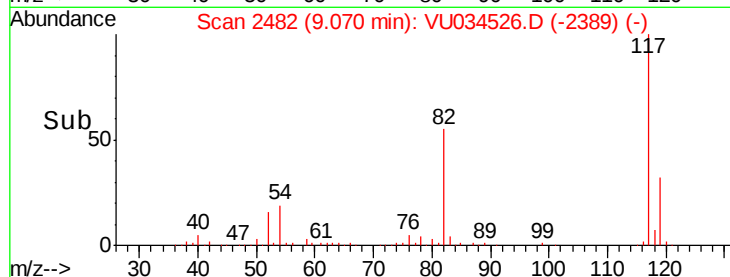
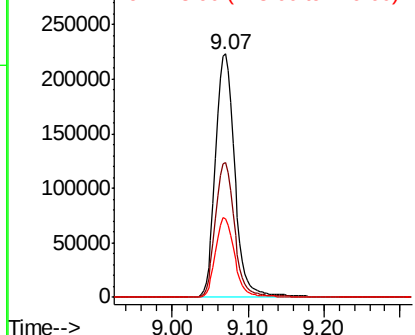
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

Tgt Ion:117 Resp: 395111
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.4 25.9 38.9



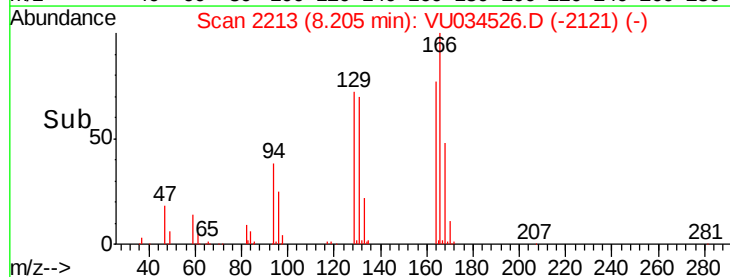
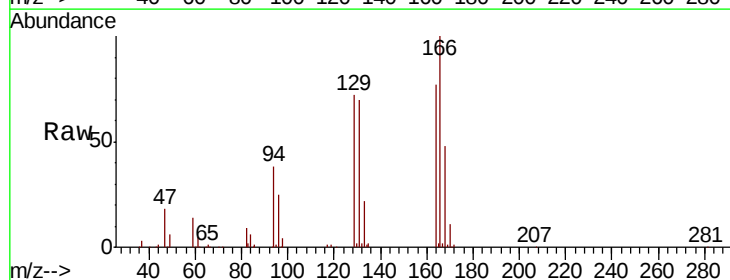
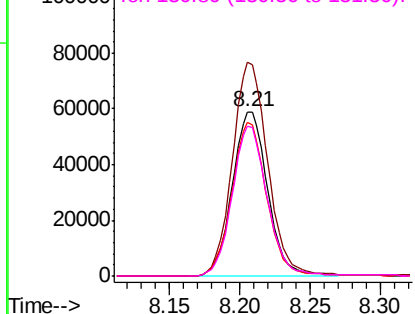
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

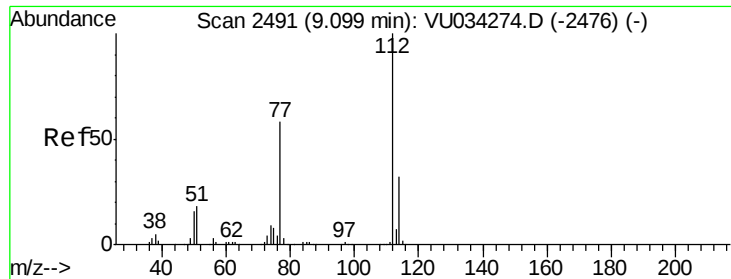


#64
Tetrachloroethene
Concen: 30.113 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion:164 Resp: 103222
Ion Ratio Lower Upper
164 100
166 130.1 103.7 155.5
129 93.8 75.8 113.8
131 91.5 70.7 106.1

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





#65

Chlorobenzene

Concen: 0.204 ug/l

RT: 9.10 min Scan# 2490

Delta R.T. -0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

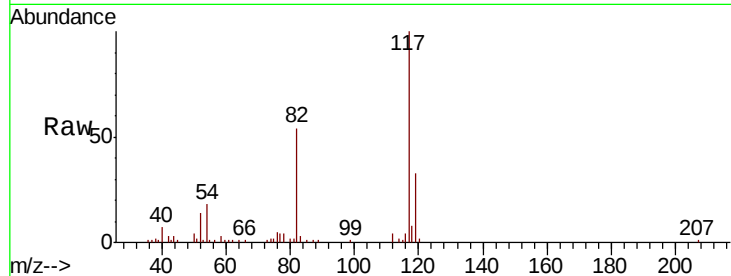
CPA-CPMW09S-M27W1-090319

Tgt Ion:112 Resp: 2046

Ion Ratio Lower Upper

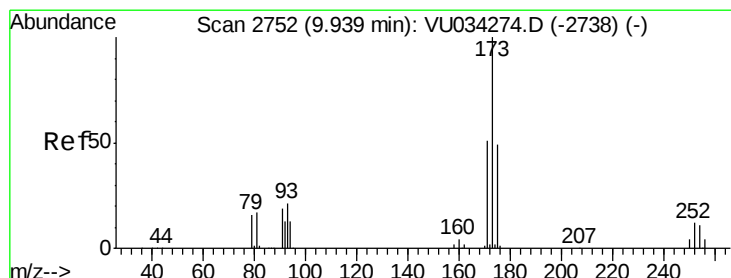
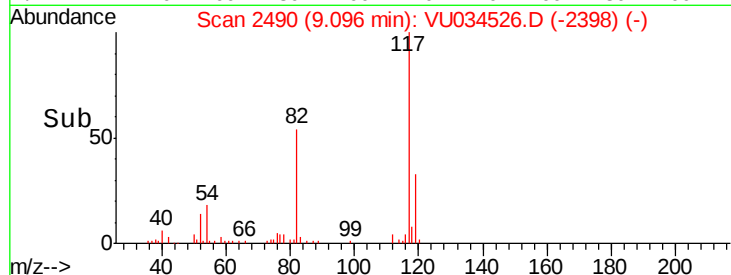
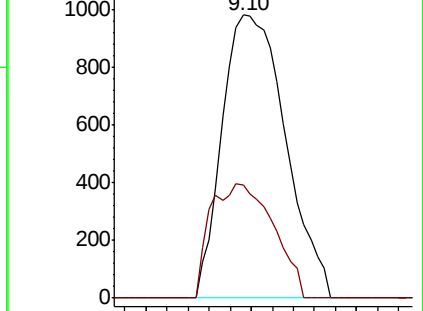
112 100

114 39.8 25.9 38.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.301 ug/l

RT: 9.94 min Scan# 2754

Delta R.T. 0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

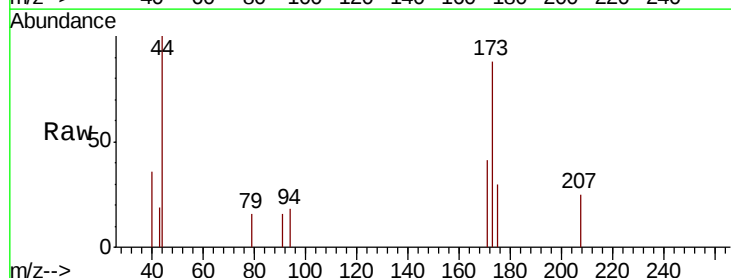
Tgt Ion:173 Resp: 998

Ion Ratio Lower Upper

173 100

175 35.2 24.4 73.2

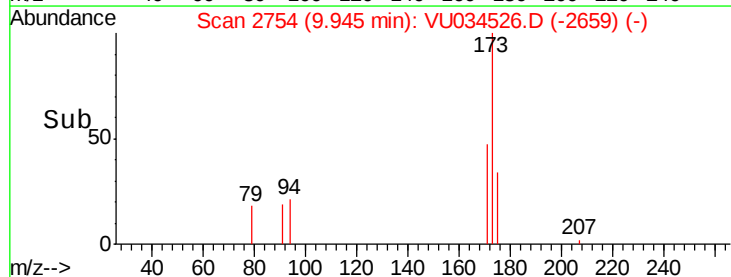
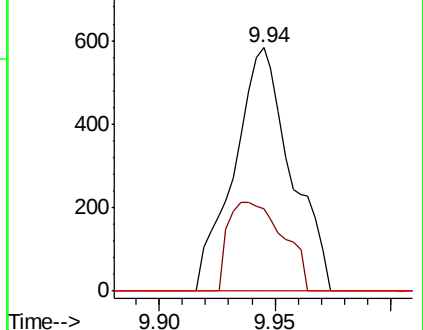
254 0.0 0.0 0.0

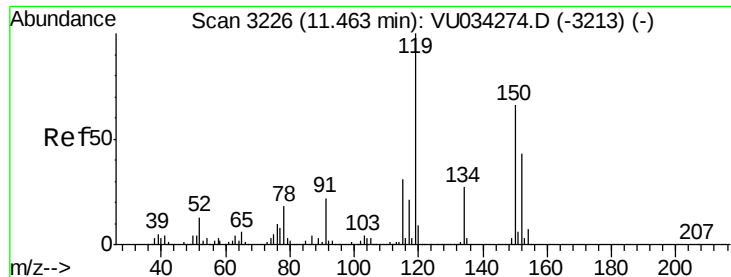


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319

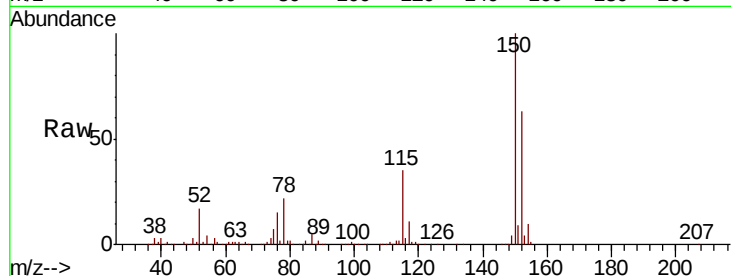
Tgt Ion:152 Resp: 230653

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.3

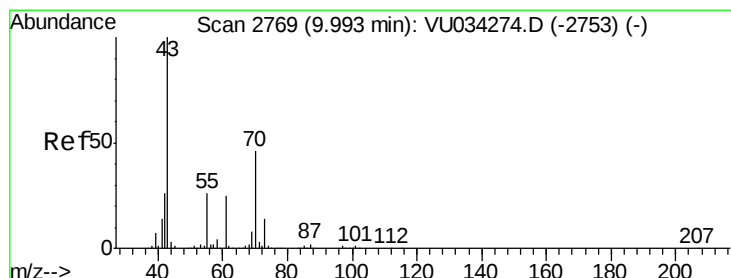
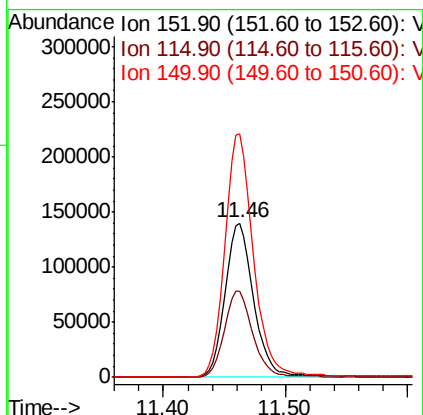
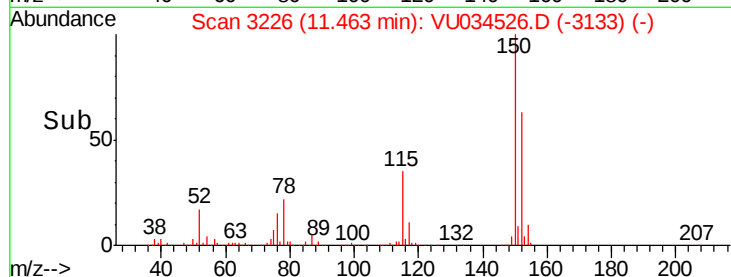
150 158.8 0.0 345.4



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-ethyl acetate

Concen: 0.267 ug/l

RT: 10.00 min Scan# 2772

Delta R.T. 0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Tgt Ion: 43 Resp: 1613

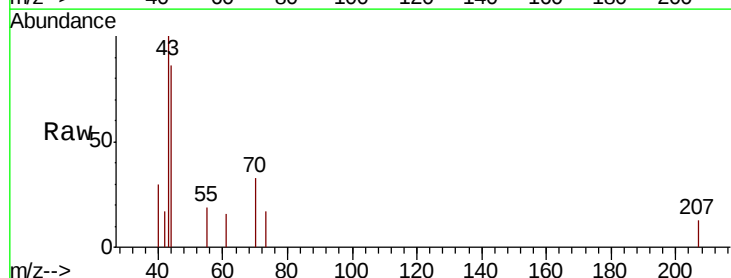
Ion Ratio Lower Upper

43 100

70 31.2 36.4 54.6#

55 7.6 21.2 31.8#

61 0.0 20.4 30.6#

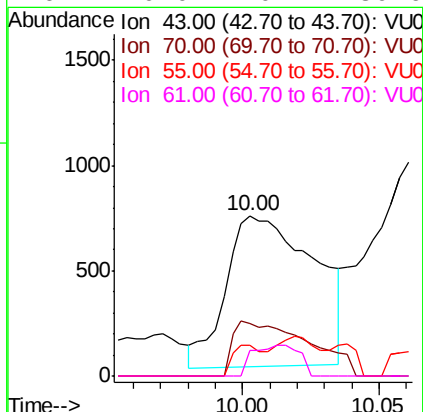
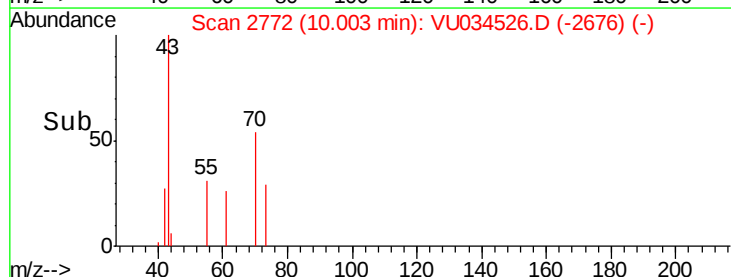


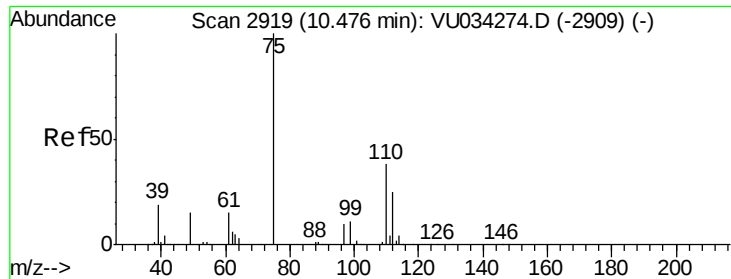
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#76

1,2,3-Trichloropropane

Concen: 22.624 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

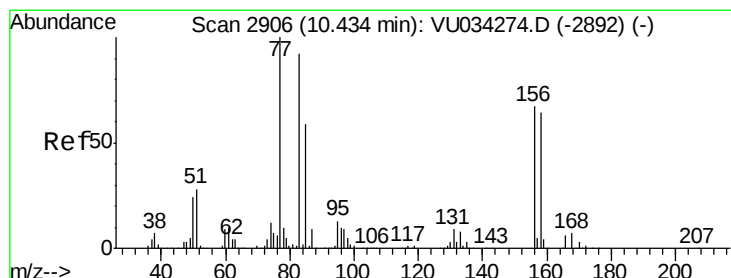
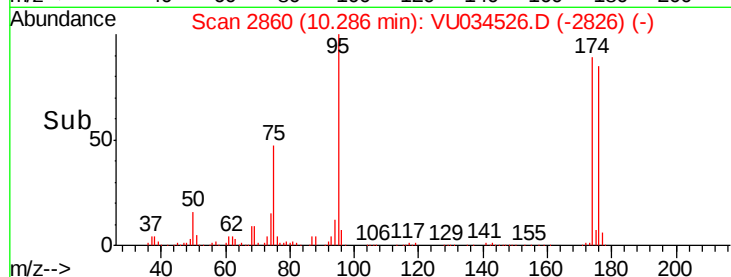
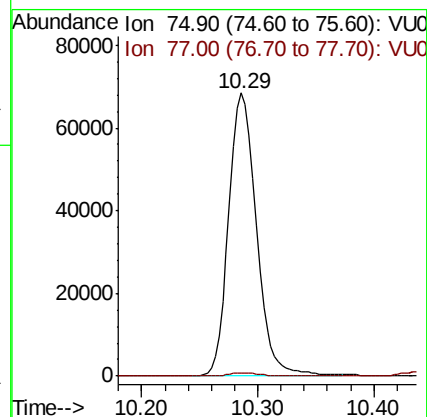
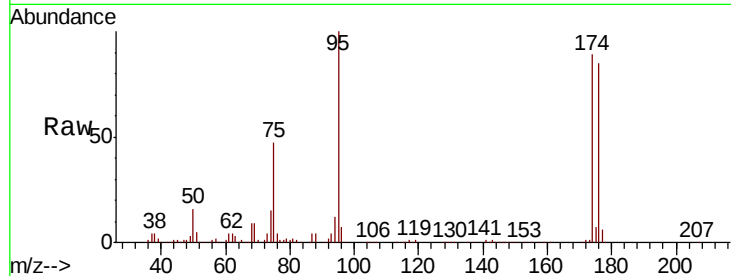
CPA-CPMW09S-M27W1-090319

Tgt Ion: 75 Resp: 113908

Ion Ratio Lower Upper

75 100

77 1.2 20.8 62.2#



#77

Bromobenzene

Concen: 0.232 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.01 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

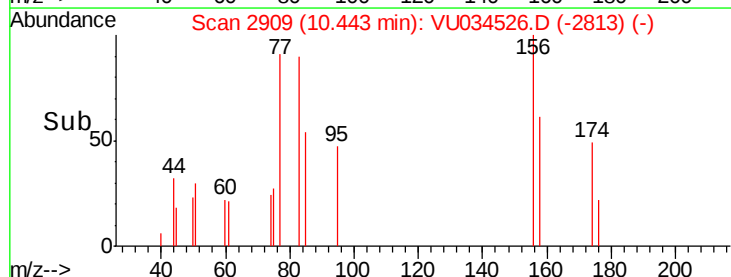
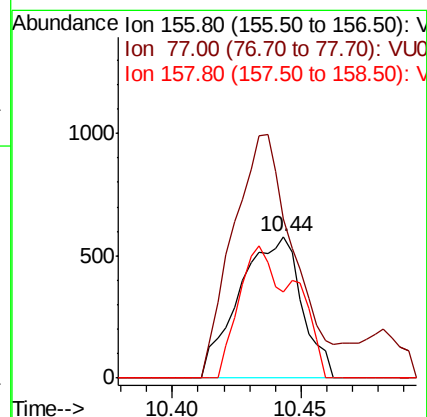
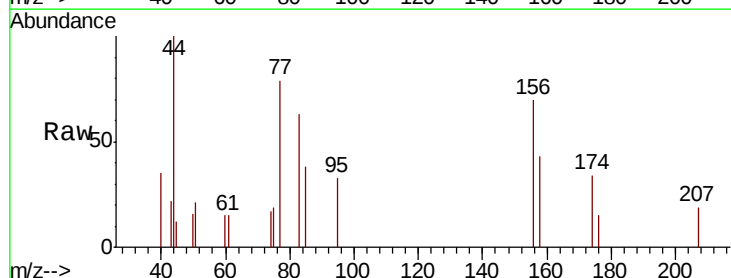
Tgt Ion: 156 Resp: 975

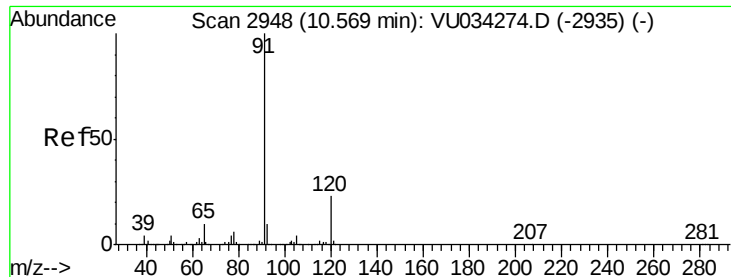
Ion Ratio Lower Upper

156 100

77 170.4 75.6 226.9

158 59.6 48.2 144.6

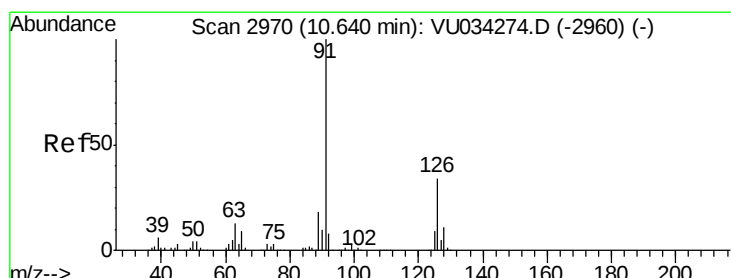
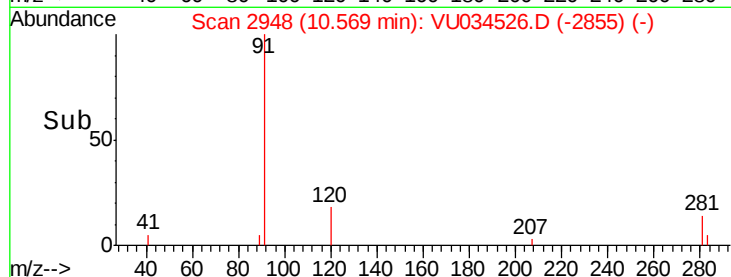
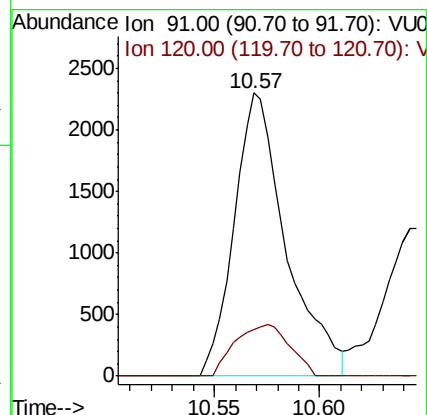
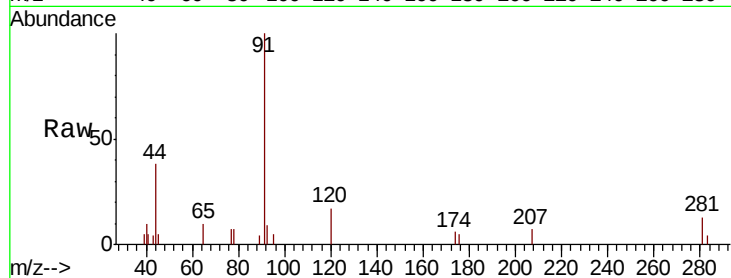




#78
n-propylbenzene
Concen: 0.227 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

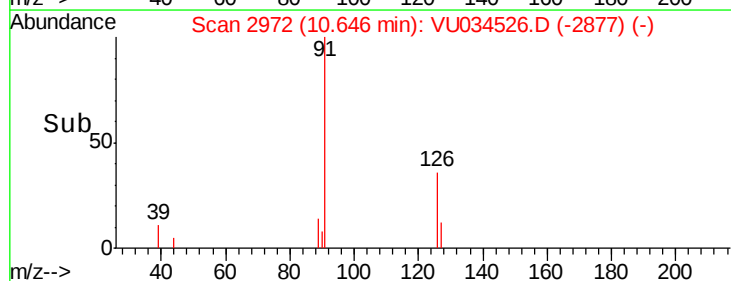
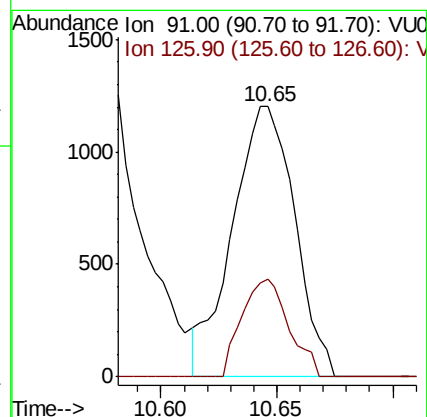
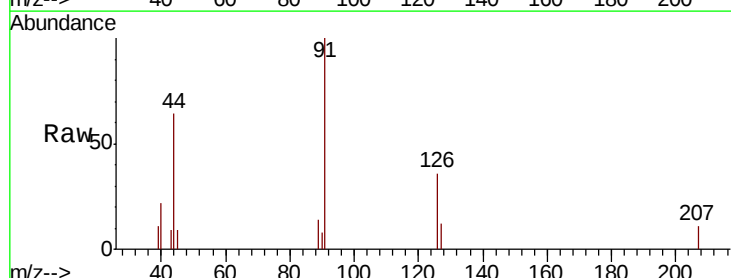
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

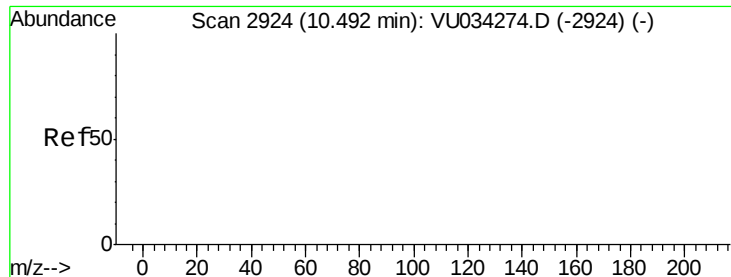
Tgt Ion: 91 Resp: 3937
Ion Ratio Lower Upper
91 100
120 19.0 11.7 35.0



#79
2-Chlorotoluene
Concen: 0.212 ug/l
RT: 10.65 min Scan# 2972
Delta R.T. 0.01 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion: 91 Resp: 2245
Ion Ratio Lower Upper
91 100
126 27.3 17.3 51.9





#81

trans-1,4-Dichloro-2-butene

Concen: 76.084 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

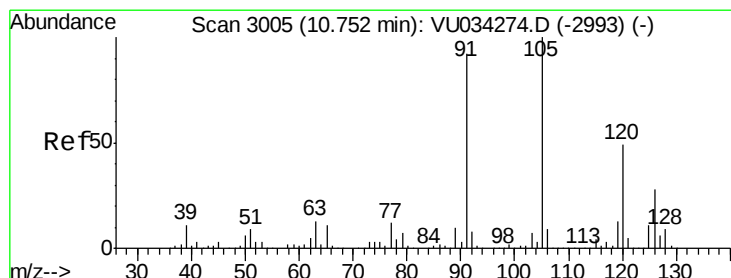
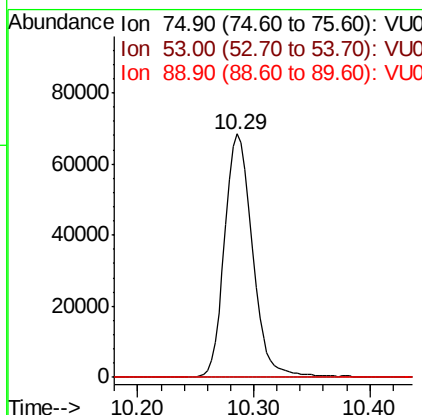
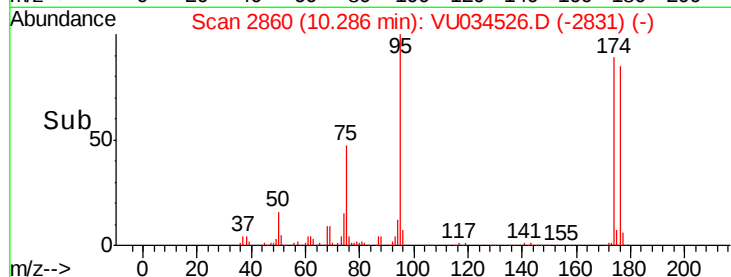
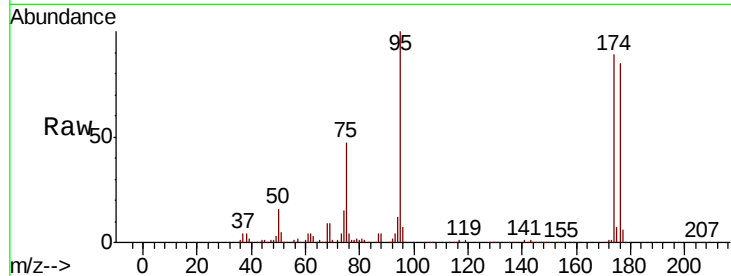
Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

Tgt Ion: 75 Resp: 113908

Ion	Ratio	Lower	Upper
75	100		
53	0.3	0.0	0.0#
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 0.261 ug/l

RT: 10.76 min Scan# 3008

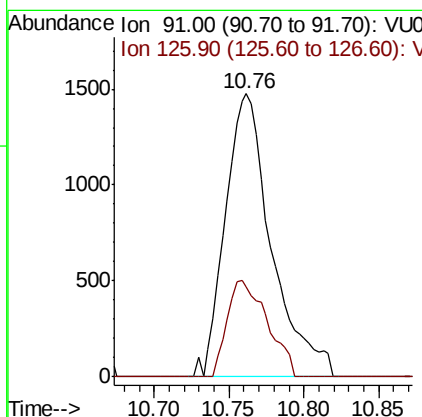
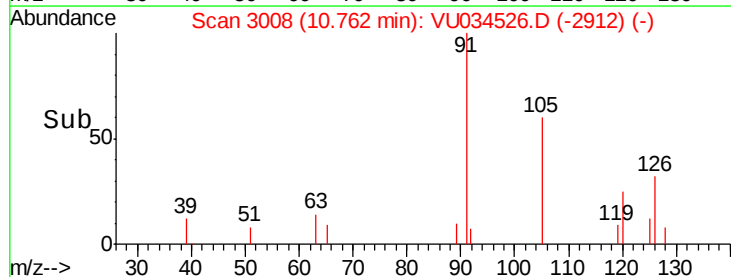
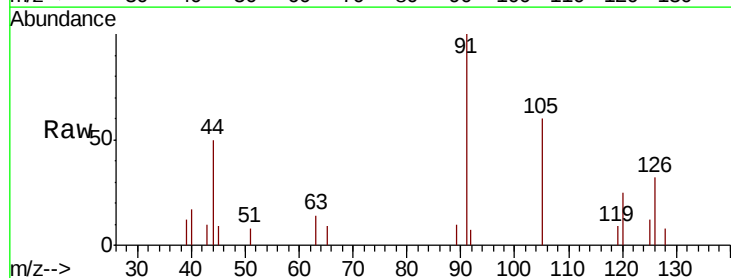
Delta R.T. 0.01 min

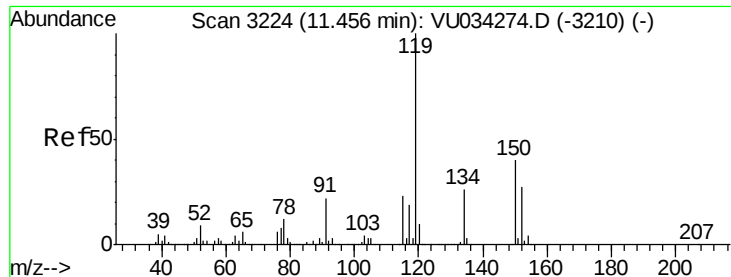
Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Tgt Ion: 91 Resp: 3171

Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.3	45.8

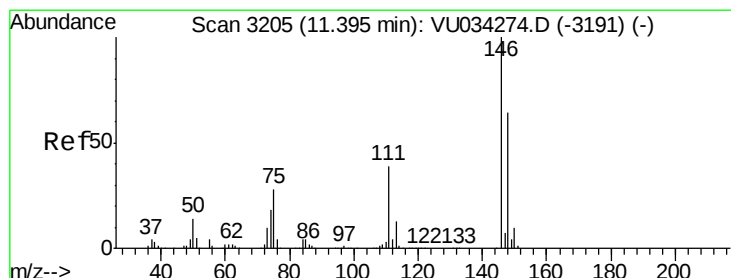
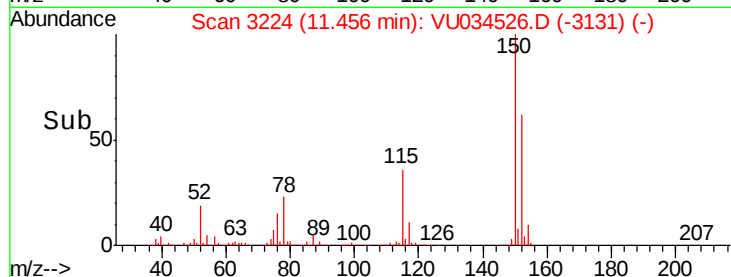
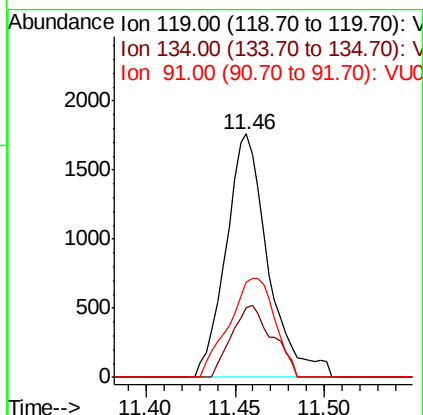
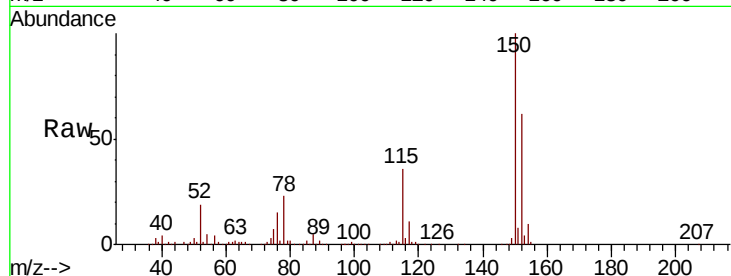




#86
p-Isopropyltoluene
Concen: 0.211 ug/l
RT: 11.46 min Scan# 3224
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

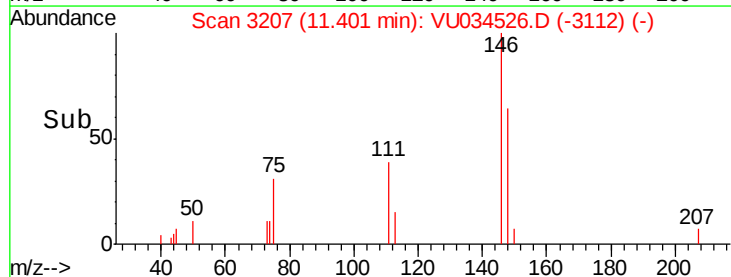
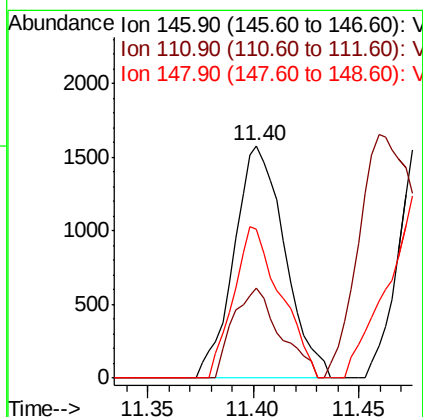
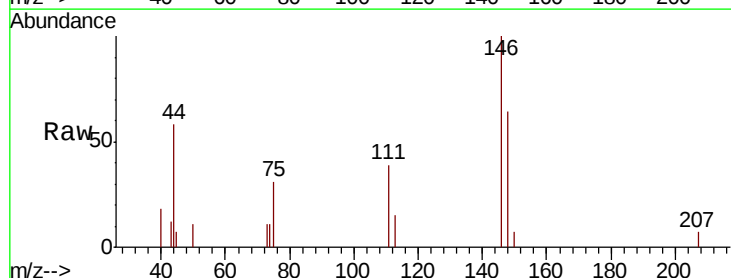
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

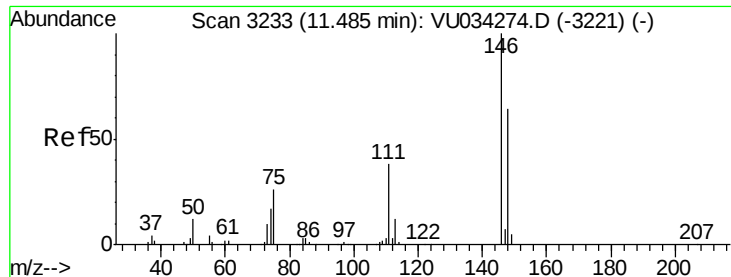
Tgt Ion:119 Resp: 2892
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 44.5 11.2 33.6#



#87
1,3-Dichlorobenzene
Concen: 0.344 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. 0.01 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion:146 Resp: 2637
Ion Ratio Lower Upper
146 100
111 35.9 19.5 58.5
148 60.4 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 0.330 ug/l

RT: 11.40 min Scan# 3207

Delta R.T. -0.08 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319

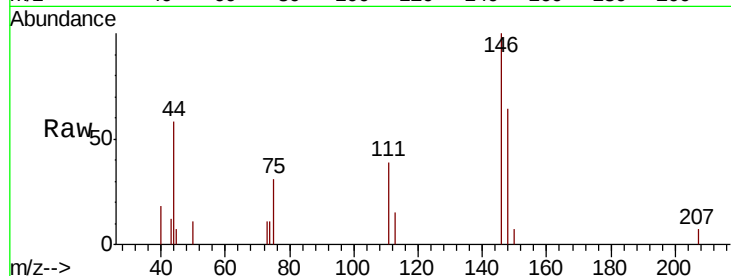
Tgt Ion:146 Resp: 2637

Ion Ratio Lower Upper

146 100

111 35.9 19.1 57.3

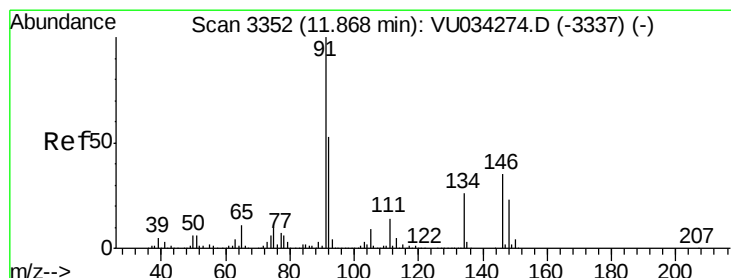
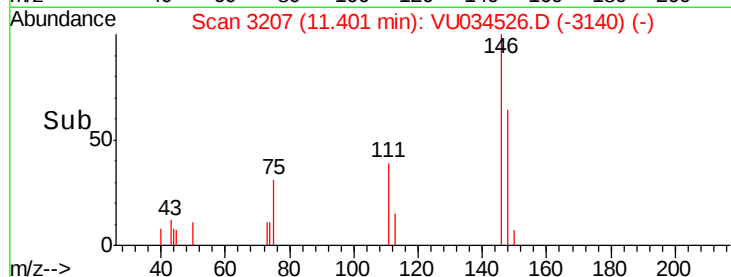
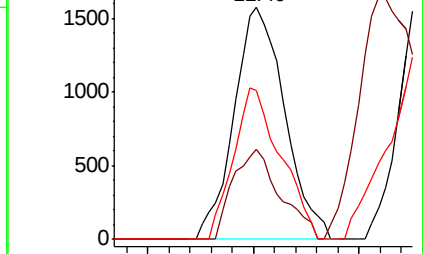
148 60.4 32.0 96.0



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: 0.347 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

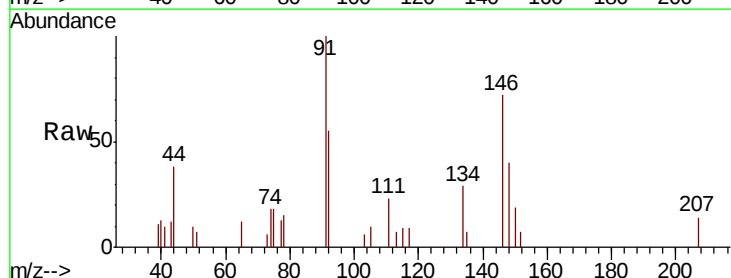
Tgt Ion: 91 Resp: 4132

Ion Ratio Lower Upper

91 100

92 55.7 26.5 79.4

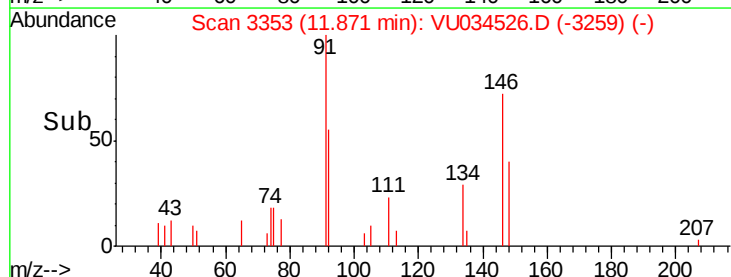
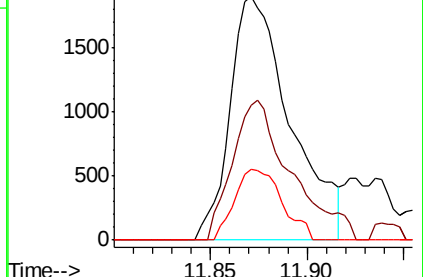
134 22.8 13.2 39.6

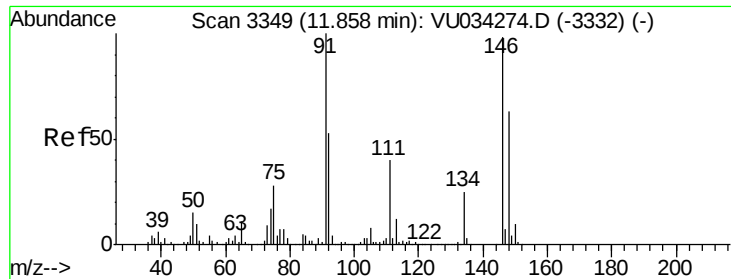


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.358 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319

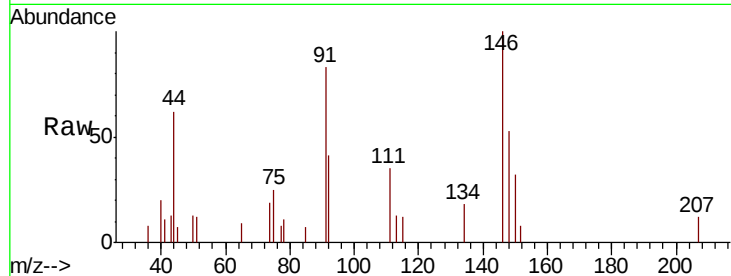
Tgt Ion:146 Resp: 2694

Ion Ratio Lower Upper

146 100

111 35.8 20.0 60.0

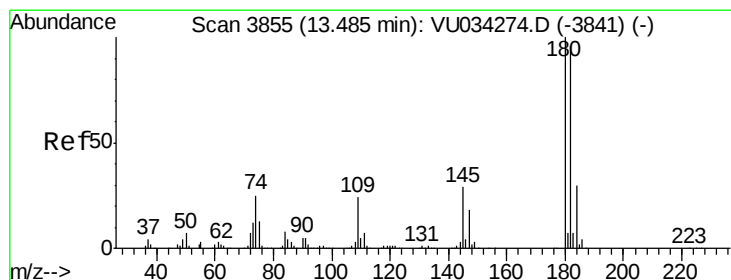
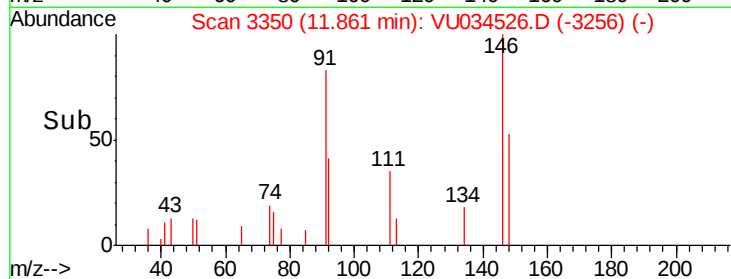
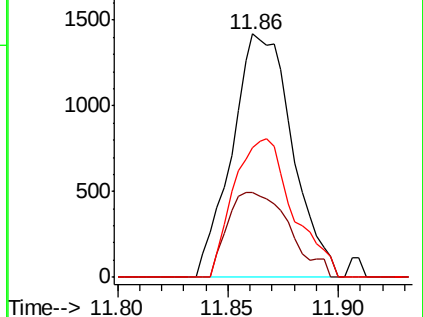
148 55.6 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.015 ug/l

RT: 13.50 min Scan# 3861

Delta R.T. 0.02 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

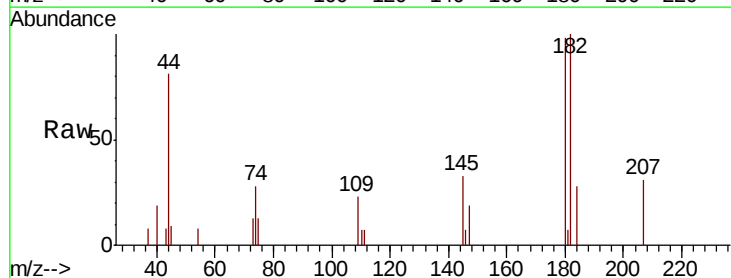
Tgt Ion:180 Resp: 3304

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

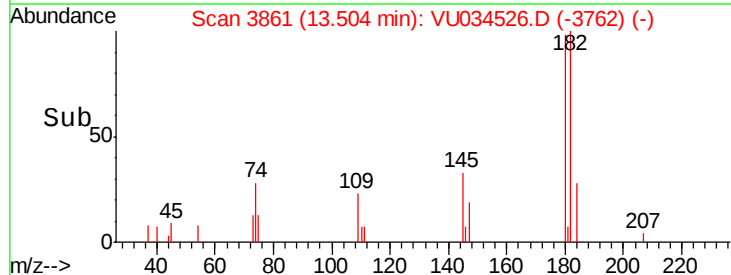
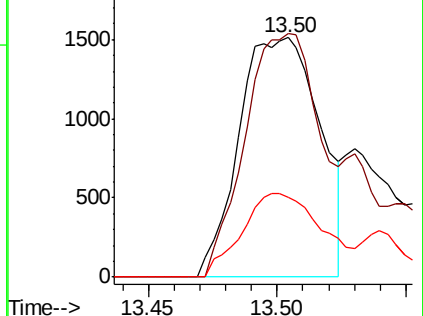
145 35.0 14.4 43.0

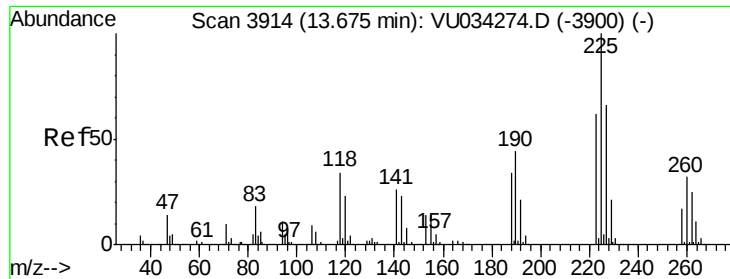


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

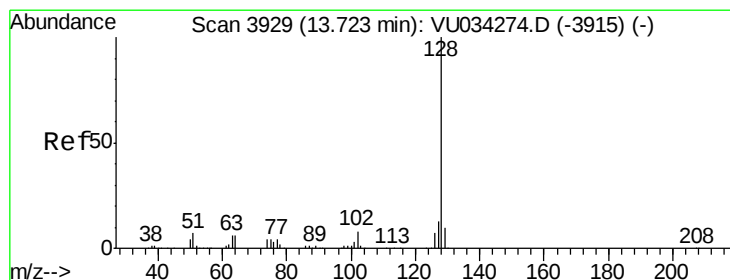
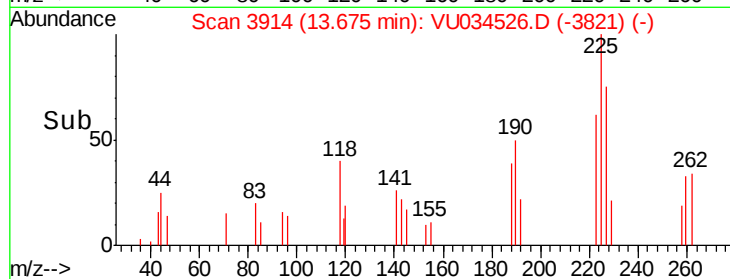
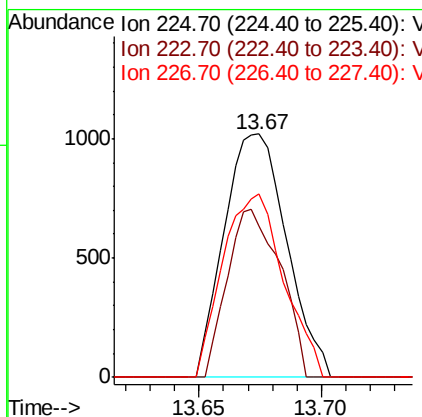
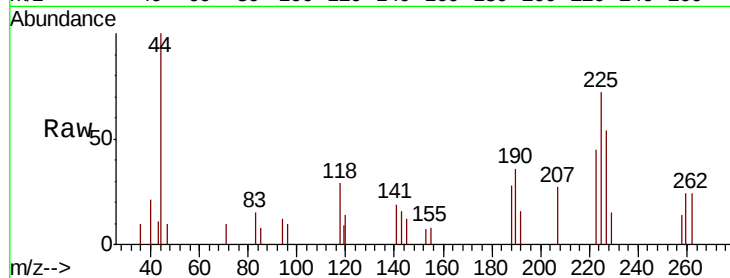




#94
Hexachlorobutadiene
Concen: 0.690 ug/l
RT: 13.67 min Scan# 3914
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

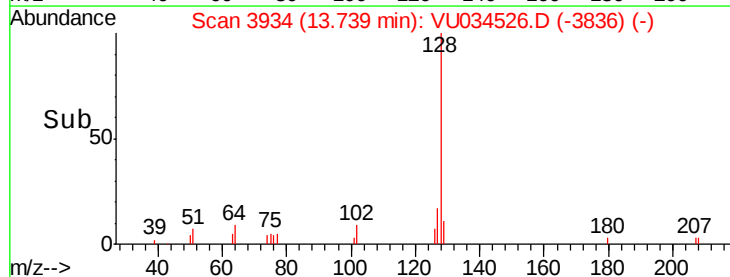
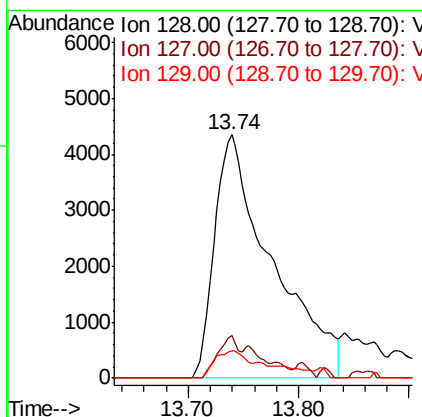
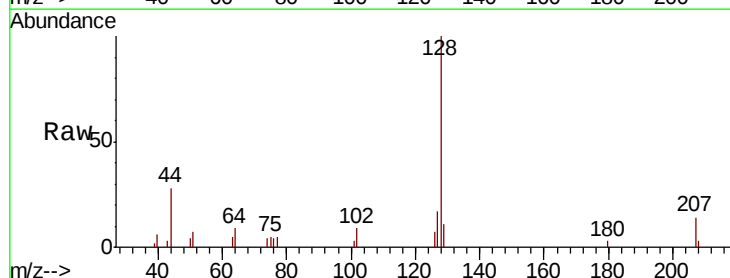
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M27W1-090319

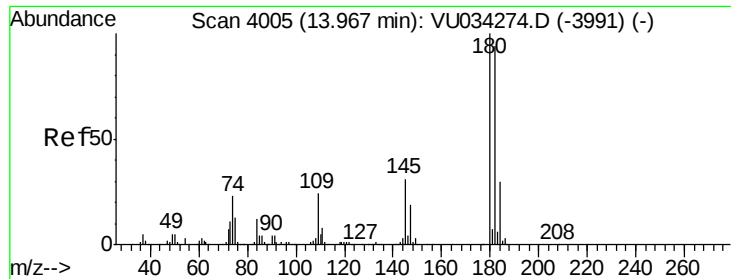
Tgt Ion: 225 Resp: 1817
Ion Ratio Lower Upper
225 100
223 58.8 31.6 94.7
227 73.2 32.3 96.8



#95
Naphthalene
Concen: 4.902 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.02 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion: 128 Resp: 15636
Ion Ratio Lower Upper
128 100
127 6.4 10.6 15.8#
129 6.2 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.497 ug/l
 RT: 13.98 min Scan# 4008
 Delta R.T. 0.01 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

Tgt Ion:180 Resp: 4780
 Ion Ratio Lower Upper
 180 100
 182 110.0 48.4 145.0
 145 23.3 15.4 46.4

