

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034514.D
 Acq On : 12 Sep 2019 12:42
 Operator : JC/SP
 Sample : K4756-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

Quant Time: Sep 13 07:07:08 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	245802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	361110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	208920	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	219053	58.90	ug/l	0.00
Spiked Amount			Recovery	=	117.80%	
35) Dibromofluoromethane	4.86	113	189720	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
50) Toluene-d8	7.55	98	692307	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
62) 4-Bromofluorobenzene	10.29	95	227898	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

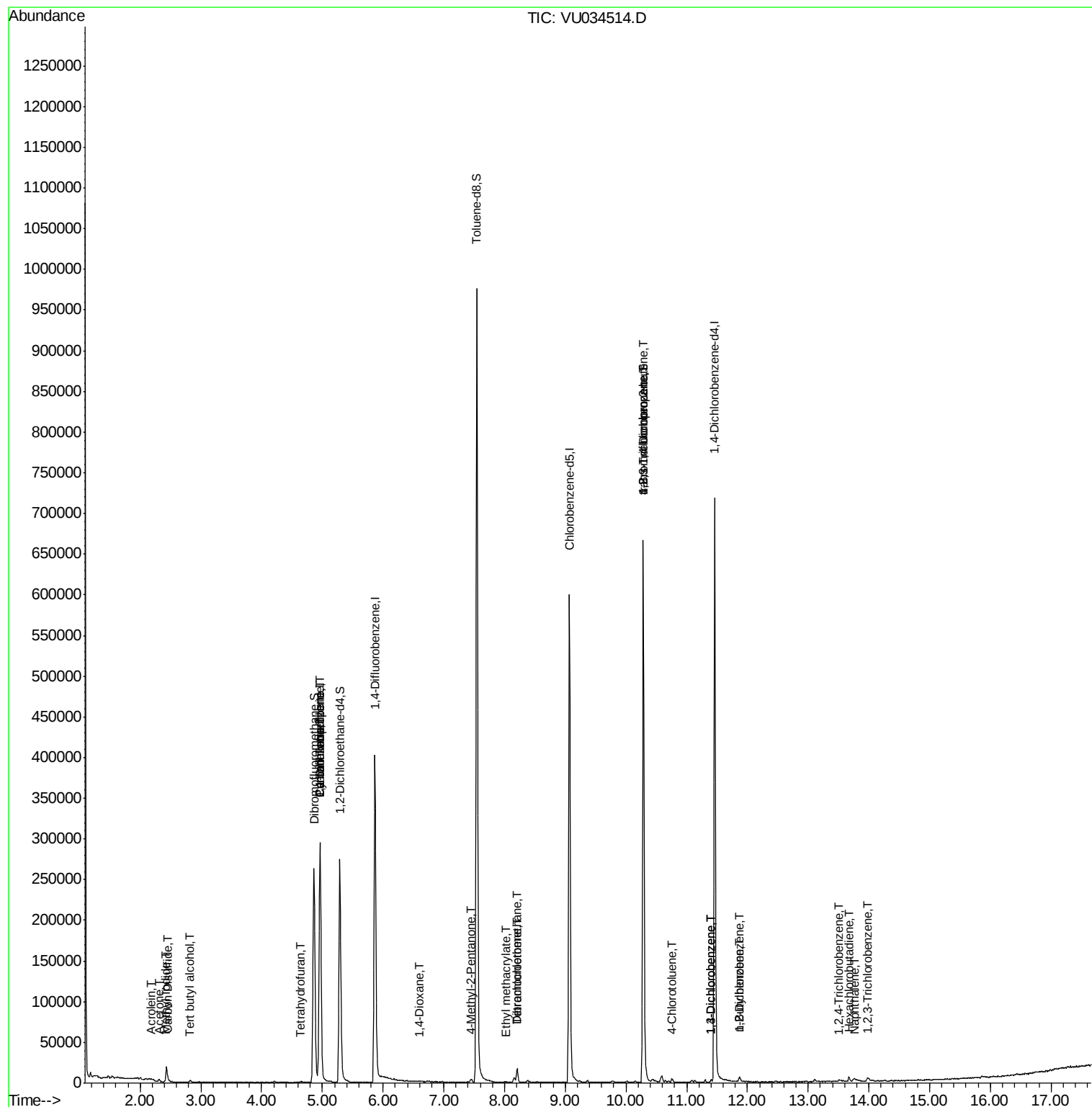
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	902	Below Cal		98
6) Chloroethane	1.69	64	174	Below Cal	#	43
10) Methyl Iodide	2.41	142	638	4.073	ug/l #	73
11) Tert butyl alcohol	2.83	59	1898	2.416	ug/l #	73
13) Acrolein	2.19	56	240	0.363	ug/l #	75
16) Acetone	2.31	43	3570	1.855	ug/l	90
17) Carbon Disulfide	2.47	76	1248	0.208	ug/l #	75
20) Methylene Chloride	2.69	84	166	Below Cal	#	59
29) Tetrahydrofuran	4.66	42	1141	0.730	ug/l #	58
31) Cyclohexane	4.96	56	4157	0.954	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	16388	4.185	ug/l #	48
38) Carbon Tetrachloride	4.96	117	22096	5.284	ug/l #	16
49) 1,4-Dioxane	6.61	88	264	3.524	ug/l #	1
51) 4-Methyl-2-Pentanone	7.45	43	3398	0.680	ug/l	90
56) Ethyl methacrylate	8.02	69	196	3.110	ug/l #	12
60) Dibromochloromethane	8.21	129	3835	0.993	ug/l #	12
64) Tetrachloroethene	8.21	164	4002	1.247	ug/l	94
76) 1,2,3-Trichloropropane	10.29	75	109414	23.992	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	109414	80.685	ug/l #	100
82) 4-Chlorotoluene	10.76	91	2417	0.219	ug/l	95
87) 1,3-Dichlorobenzene	11.40	146	1931	0.278	ug/l	92
88) 1,4-Dichlorobenzene	11.40	146	1931	0.267	ug/l	92
89) n-Butylbenzene	11.87	91	2647	0.246	ug/l #	89
91) 1,2-Dichlorobenzene	11.86	146	1618	0.237	ug/l	95
93) 1,2,4-Trichlorobenzene	13.50	180	632	3.571	ug/l	70
94) Hexachlorobutadiene	13.67	225	1258	0.528	ug/l	93
95) Naphthalene	13.76	128	5474	4.328	ug/l #	76
96) 1,2,3-Trichlorobenzene	13.98	180	812	2.800	ug/l	67

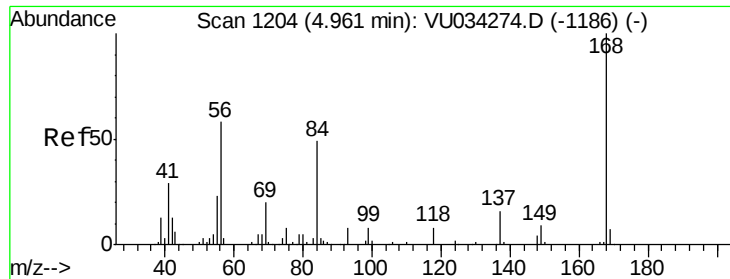
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

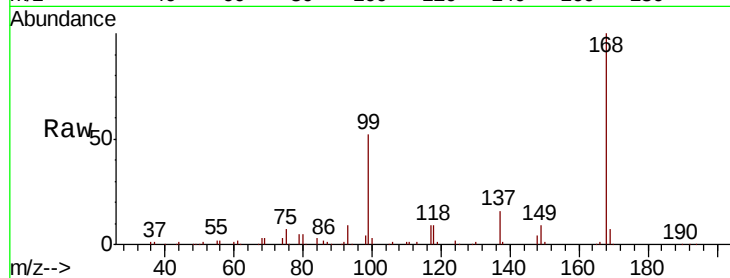
CPA-CPMW04D-M27W1-090619

Tgt Ion:168 Resp: 245802

Ion Ratio Lower Upper

168 100

99 52.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

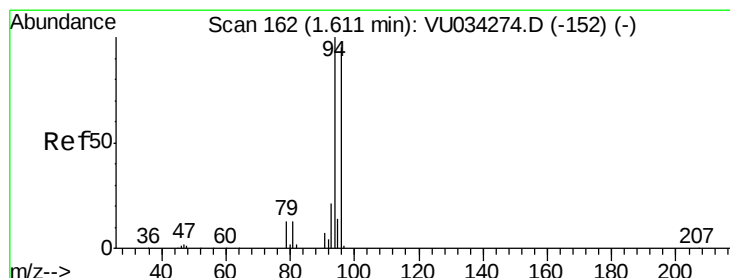
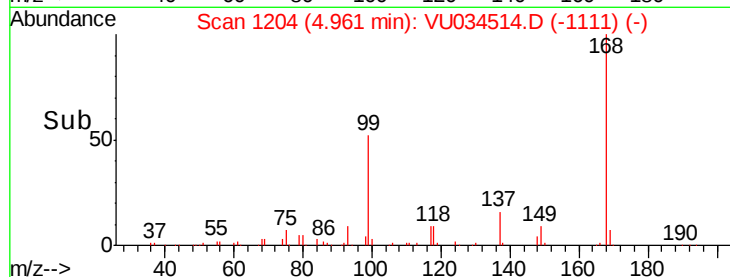
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034514.D

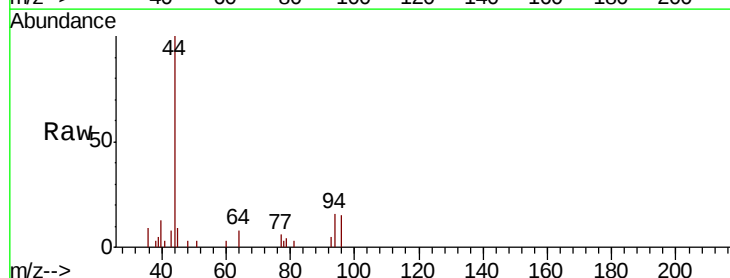
Acq: 12 Sep 2019 12:42

Tgt Ion: 94 Resp: 902

Ion Ratio Lower Upper

94 100

96 92.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.63

600

500

400

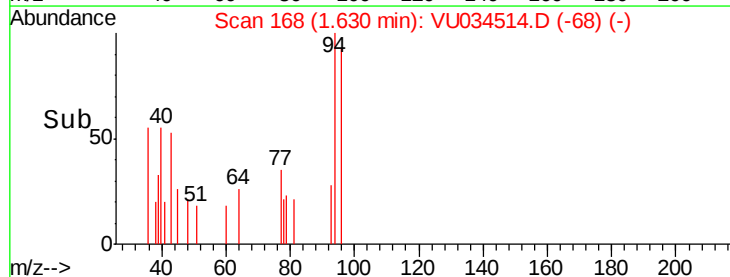
300

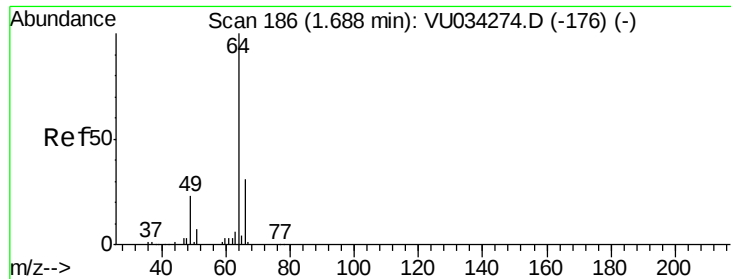
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

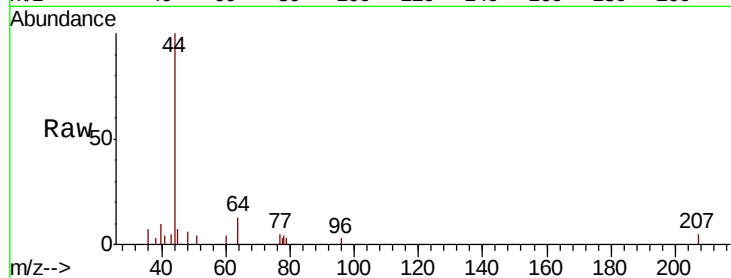
CPA-CPMW04D-M27W1-090619

Tgt Ion: 64 Resp: 174

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#

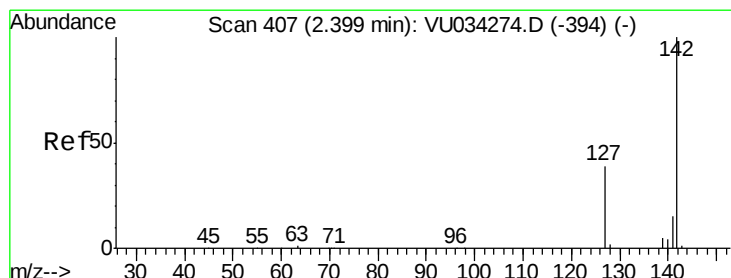
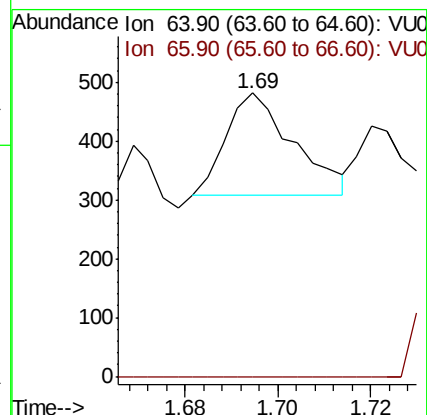
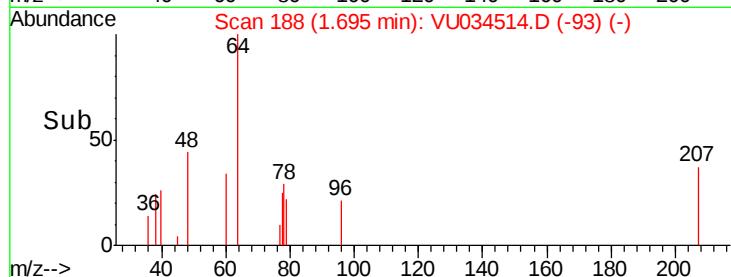


Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034274.D (-176) (-)

1.69

Time-->



#10

Methyl Iodide

Concen: 4.073 ug/l

RT: 2.41 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

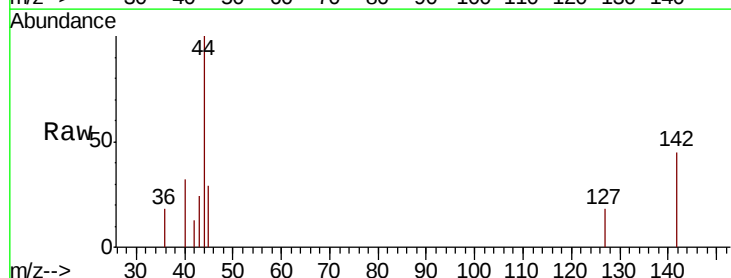
Tgt Ion: 142 Resp: 638

Ion Ratio Lower Upper

142 100

127 24.9 32.1 48.1#

141 0.0 11.5 17.3#



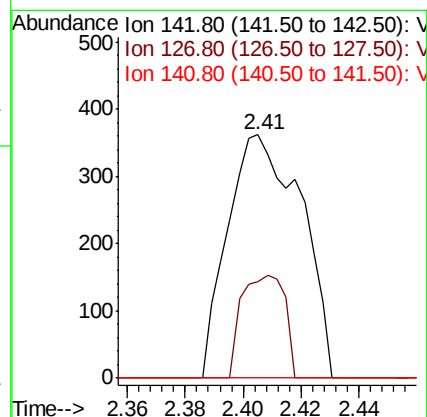
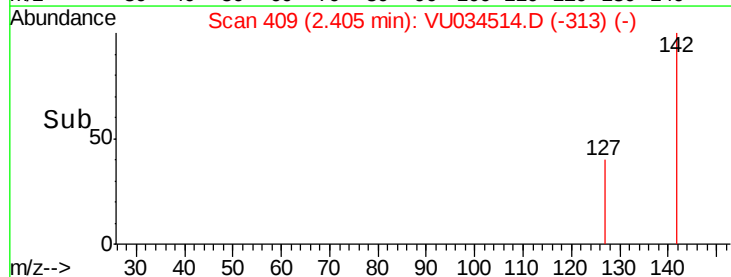
Abundance Ion 141.80 (141.50 to 142.50): VU034274.D (-394) (-)

Ion 126.80 (126.50 to 127.50): VU034274.D (-394) (-)

Ion 140.80 (140.50 to 141.50): VU034274.D (-394) (-)

2.41

Time-->



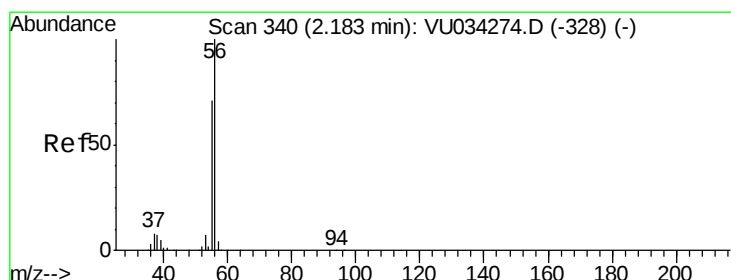
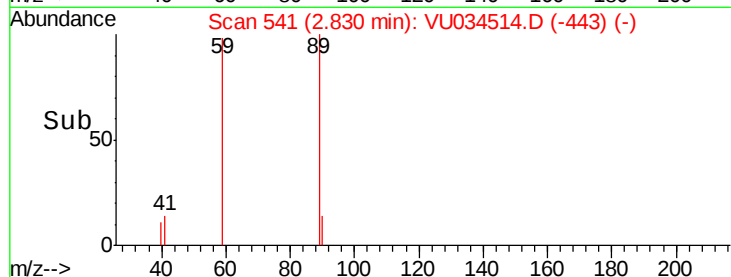
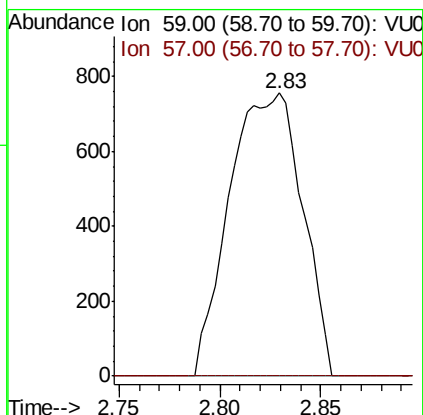
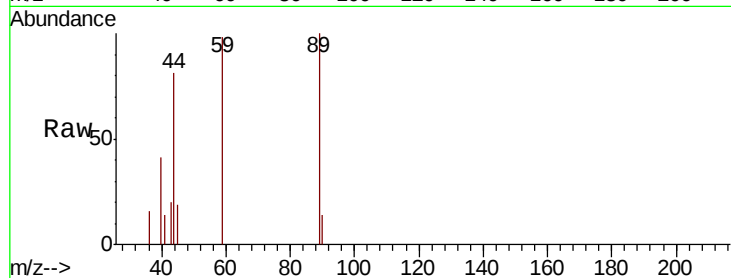


#11

Tert butyl alcohol
Concen: 2.416 ug/l
RT: 2.83 min Scan# 541
Delta R.T. 0.02 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

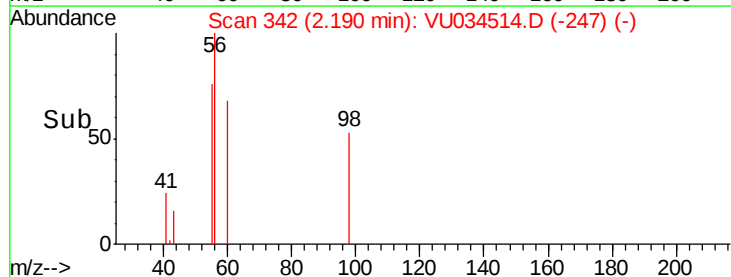
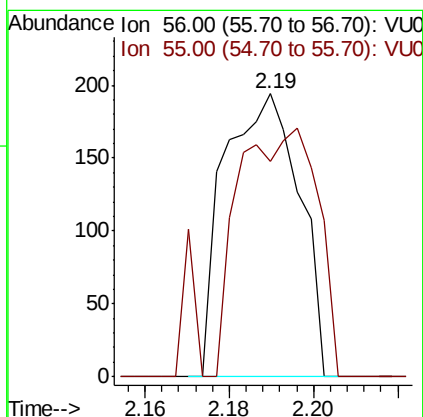
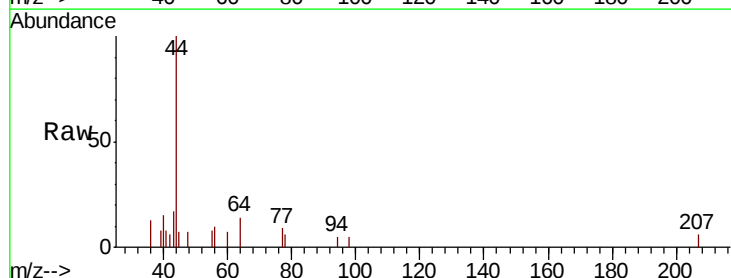
Tgt Ion: 59 Resp: 1898
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

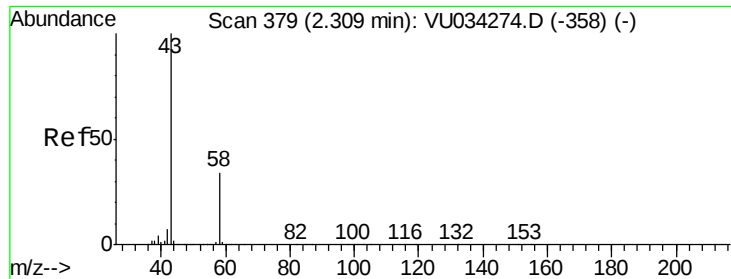


#13

Acrolein
Concen: 0.363 ug/l
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 92.5 57.4 86.2#





#16

Acetone

Concen: 1.855 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

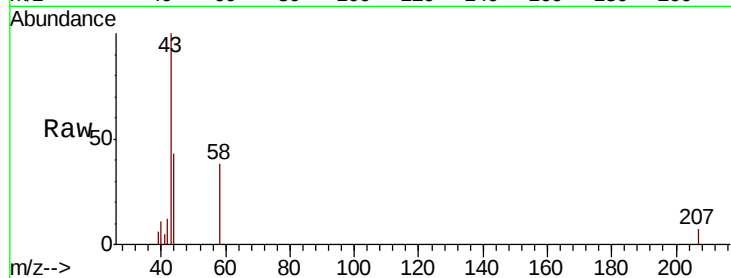
CPA-CPMW04D-M27W1-090619

Tgt Ion: 43 Resp: 3570

Ion Ratio Lower Upper

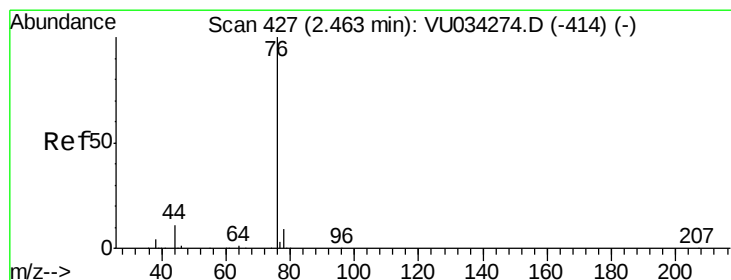
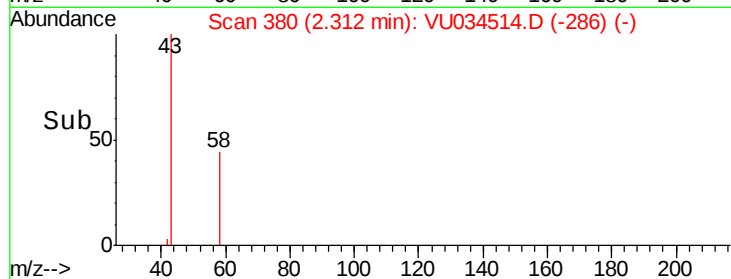
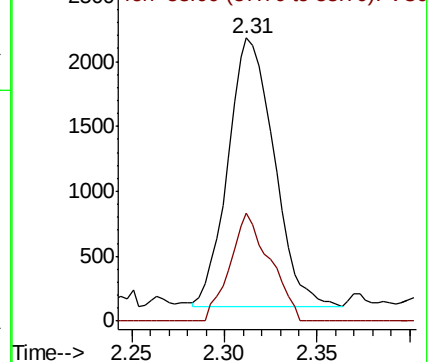
43 100

58 40.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034514.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034514.D (-358) (-)



#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VU034514.D

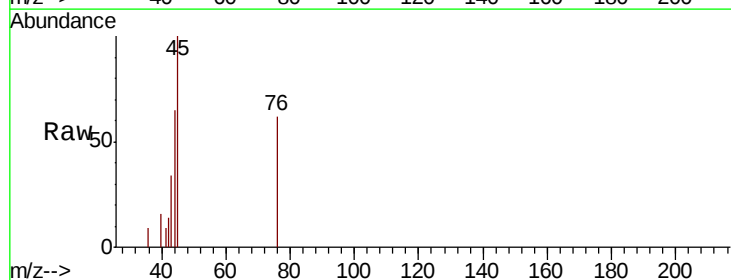
Acq: 12 Sep 2019 12:42

Tgt Ion: 76 Resp: 1248

Ion Ratio Lower Upper

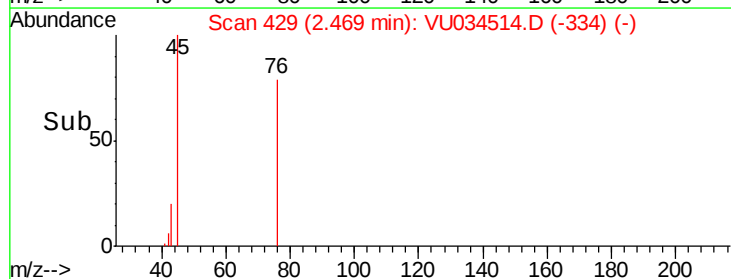
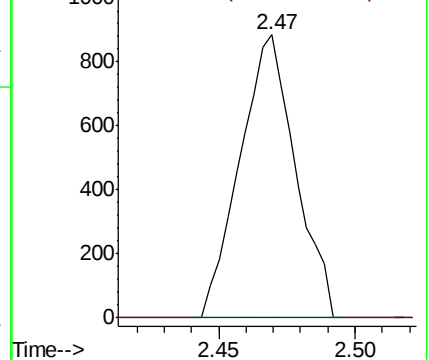
76 100

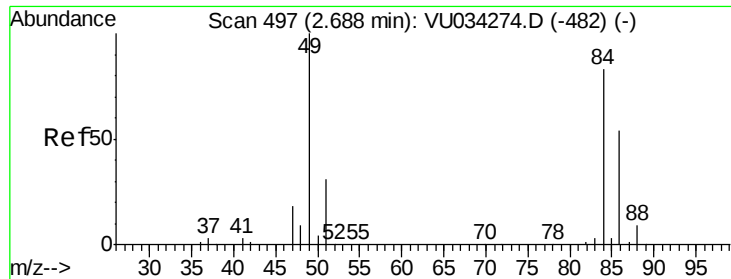
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU034514.D (-414) (-)

Ion 77.90 (77.60 to 78.60): VU034514.D (-414) (-)

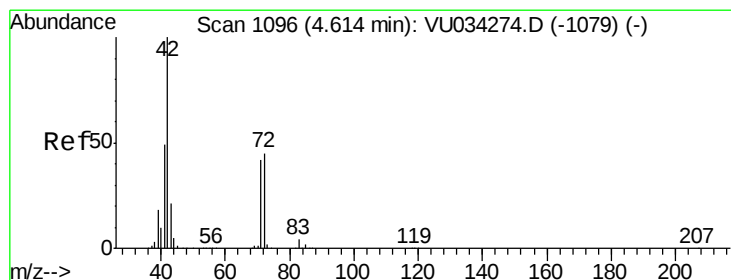
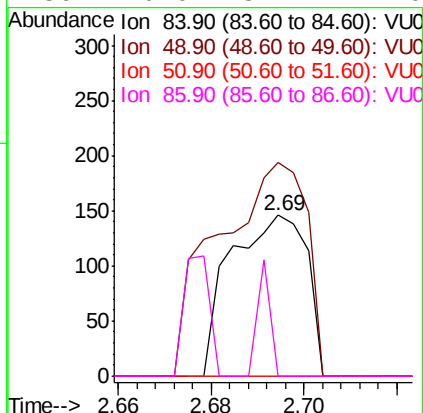
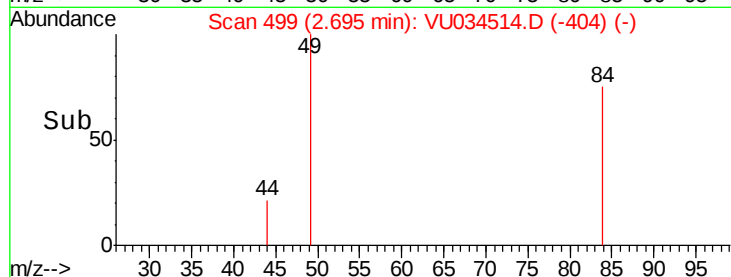
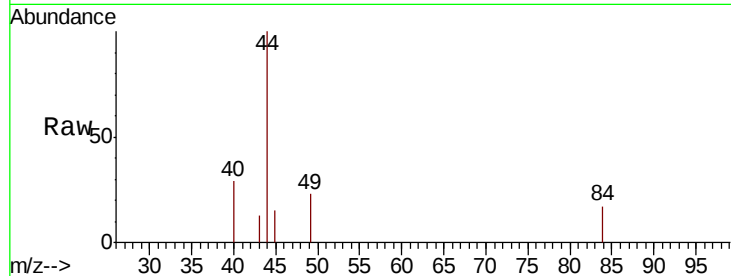




#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 499
Delta R.T. 0.01 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

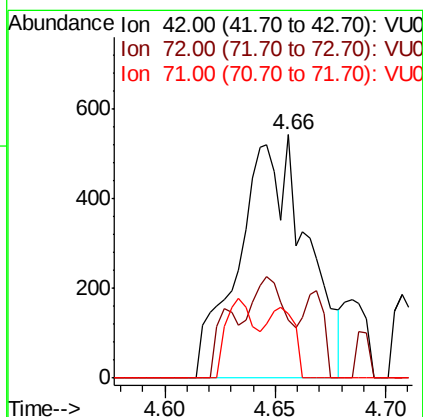
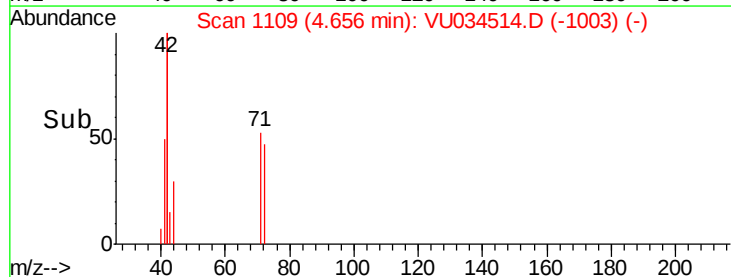
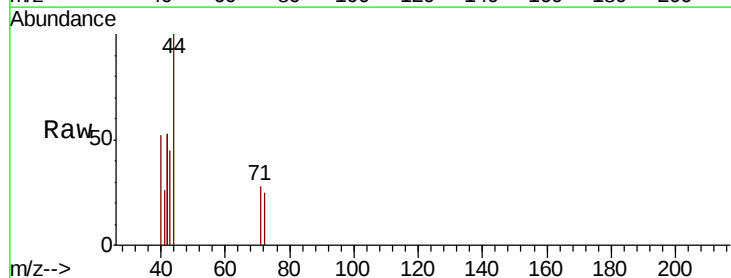
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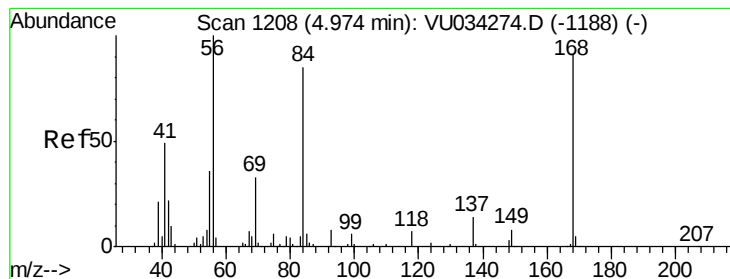
Tgt Ion: 84 Resp: 166
Ion Ratio Lower Upper
84 100
49 132.9 96.0 144.0
51 0.0 30.0 45.0#
86 0.0 51.4 77.0#



#29
Tetrahydrofuran
Concen: 0.730 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.04 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 42 Resp: 1141
Ion Ratio Lower Upper
42 100
72 22.9 36.6 54.8#
71 11.7 34.3 51.5#





#31

Cyclohexane

Concen: 0.954 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

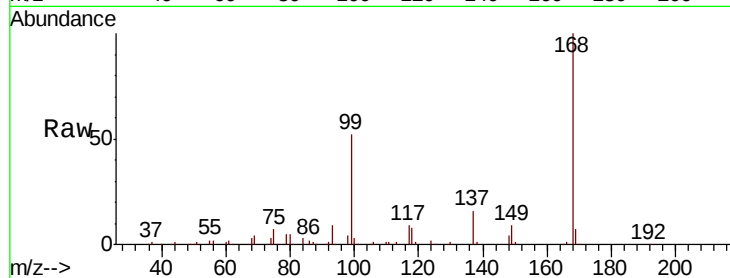
Tgt Ion: 56 Resp: 4157

Ion Ratio Lower Upper

56 100

69 201.1 26.7 40.1#

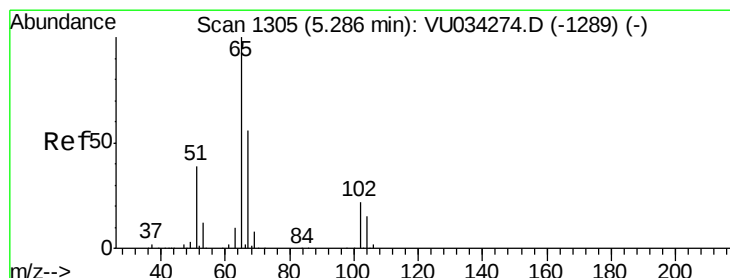
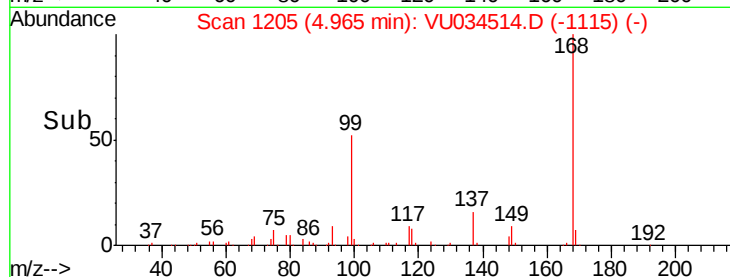
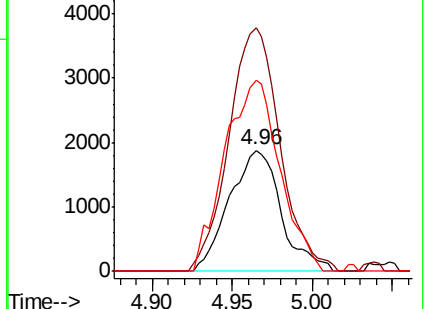
84 157.9 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034514.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034514.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034514.D (-1188) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.900 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034514.D

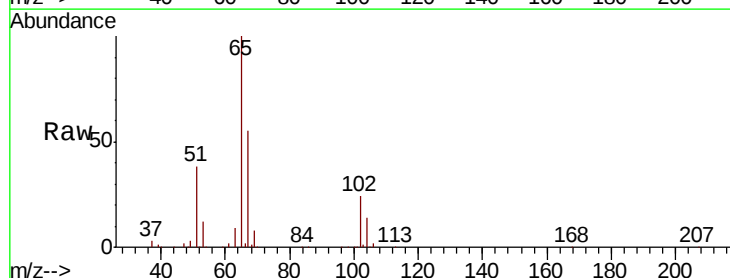
Acq: 12 Sep 2019 12:42

Tgt Ion: 65 Resp: 219053

Ion Ratio Lower Upper

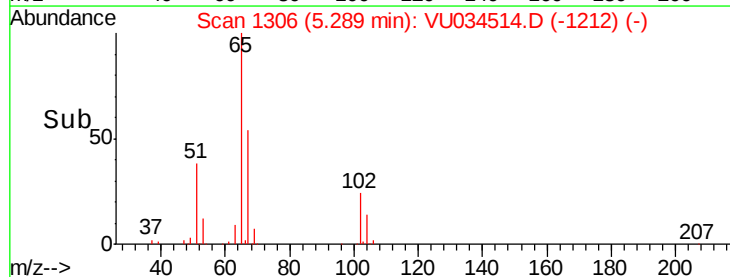
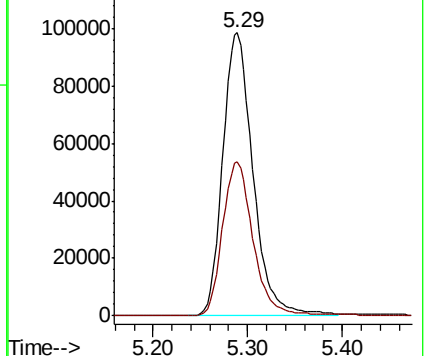
65 100

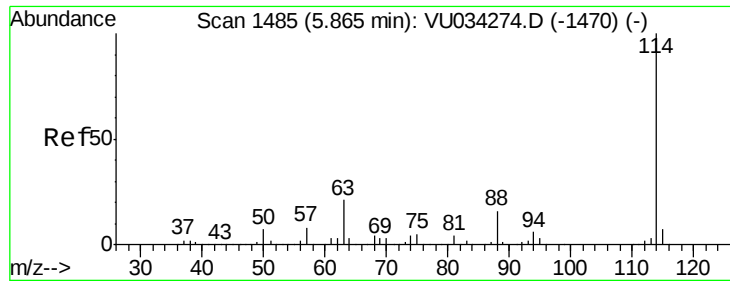
67 55.0 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034514.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034514.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

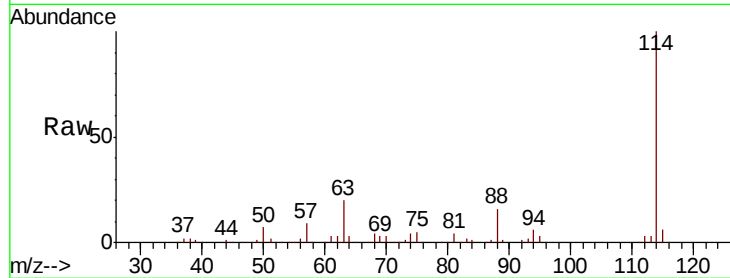
Tgt Ion:114 Resp: 361110

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

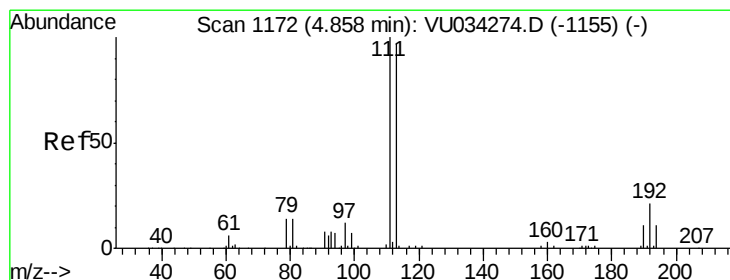
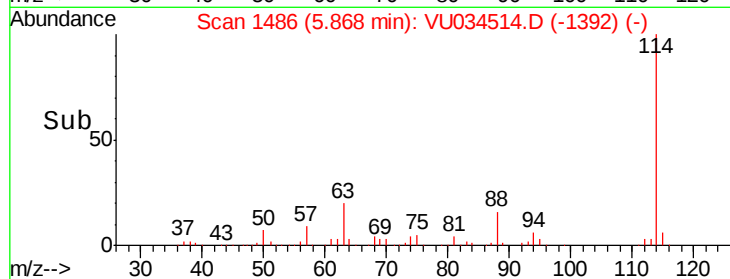
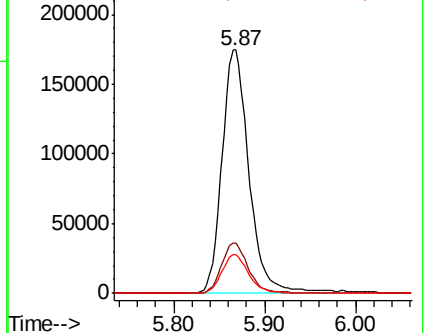
88 15.7 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 56.462 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

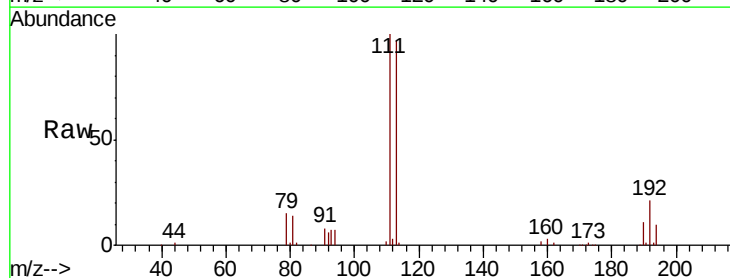
Tgt Ion:113 Resp: 189720

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

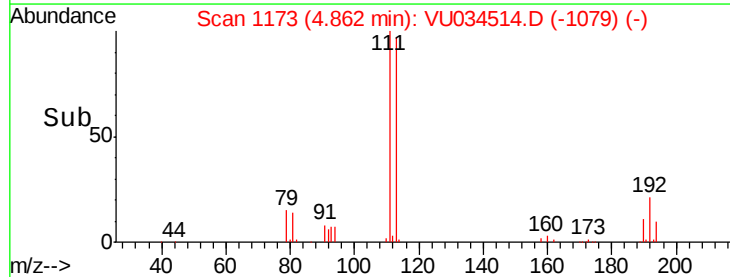
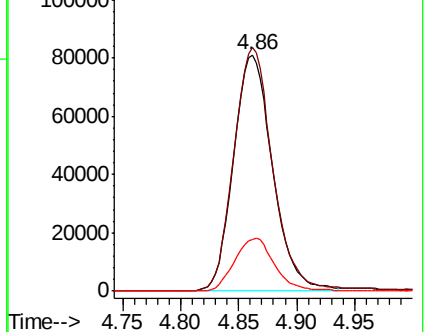
192 22.8 17.8 26.8

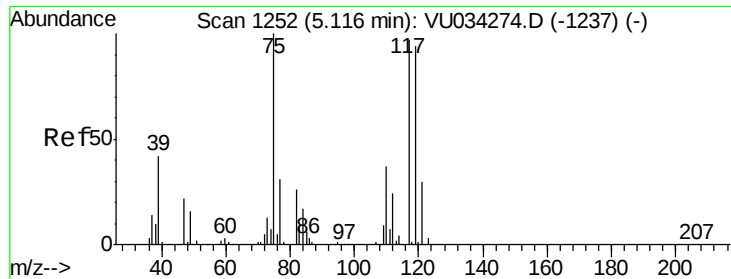


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

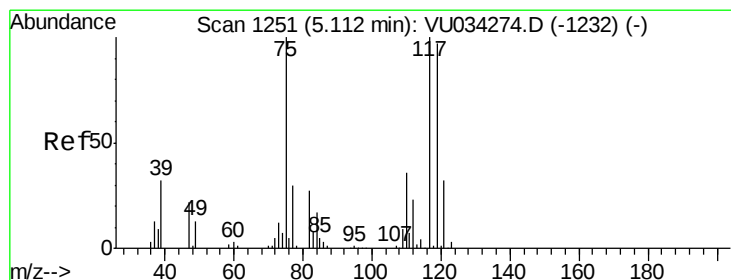
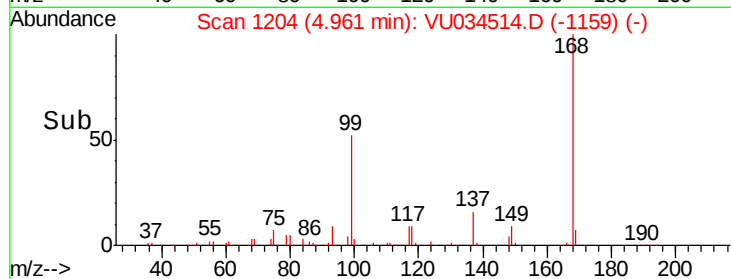
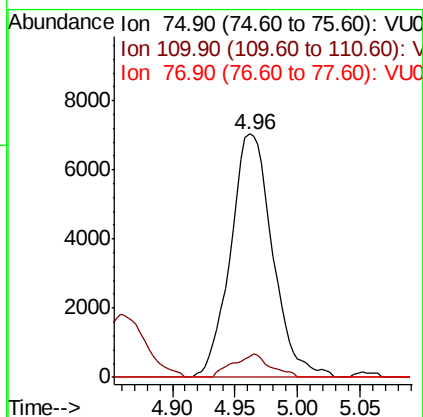
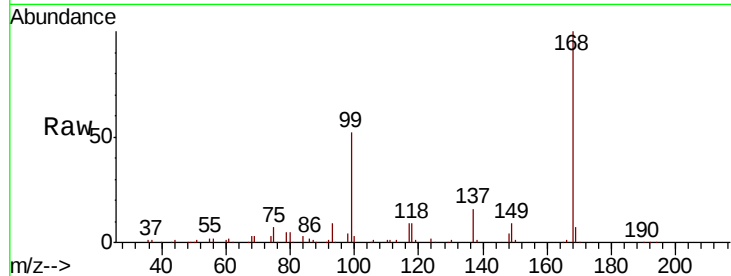




#36
 1,1-Dichloropropene
 Concen: 4.185 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

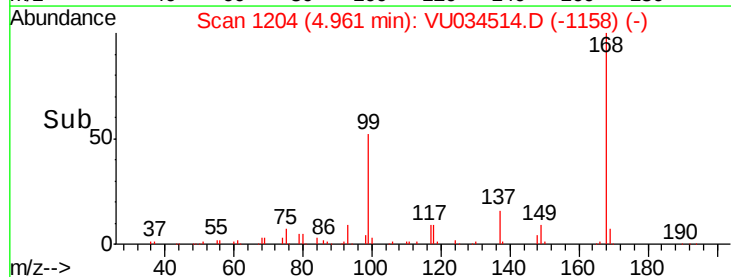
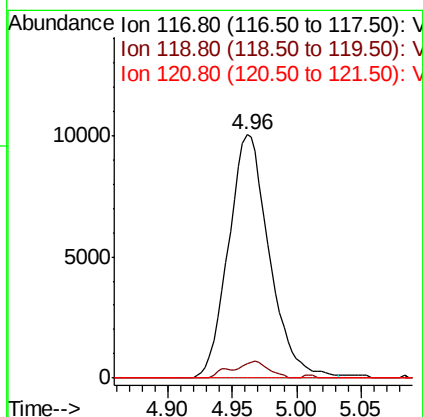
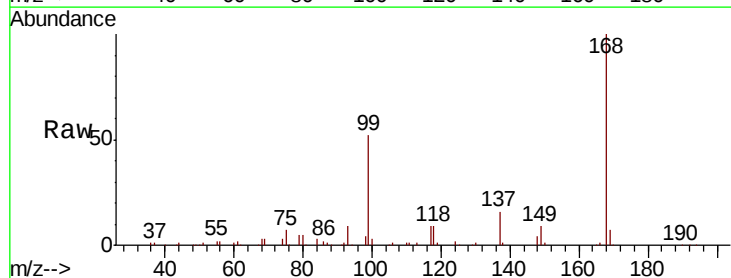
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

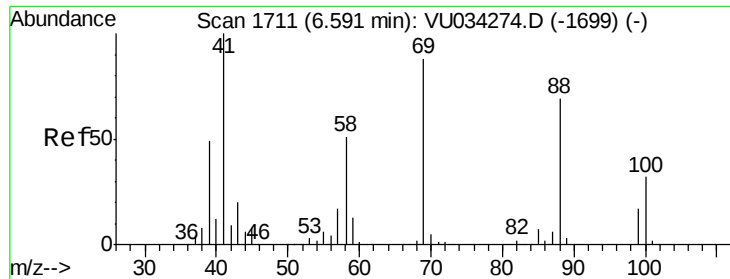
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.284 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.8	116.6#
121	0.0	25.2	37.8#

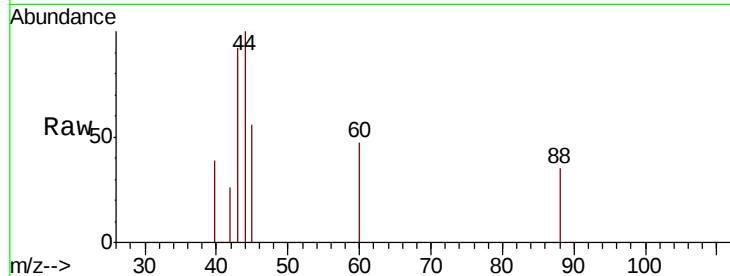




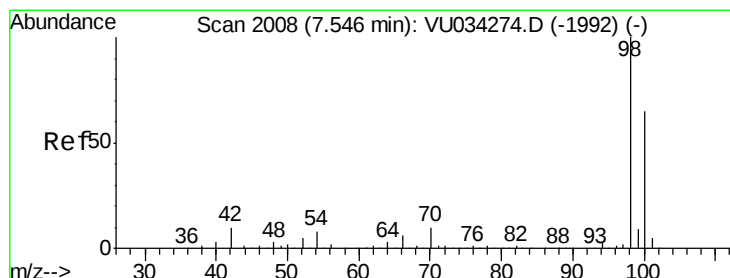
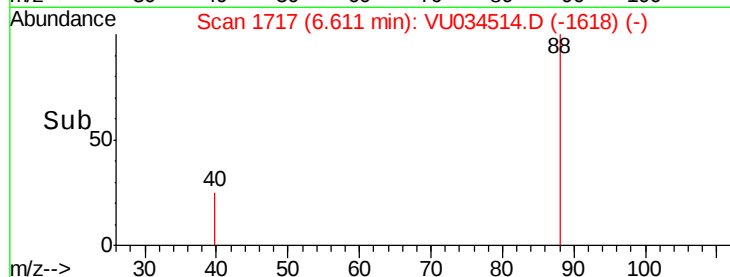
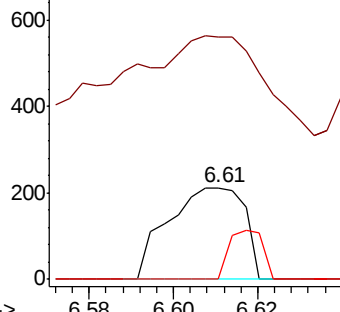
#49
1,4-Dioxane
Concen: 3.524 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

Tgt Ion: 88 Resp: 264
Ion Ratio Lower Upper
88 100
43 196.6 23.8 35.6#
58 23.5 58.4 87.6#

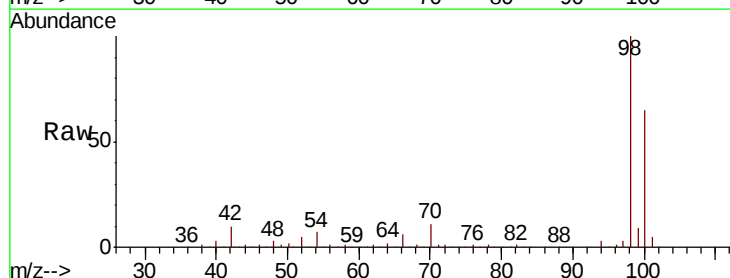


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

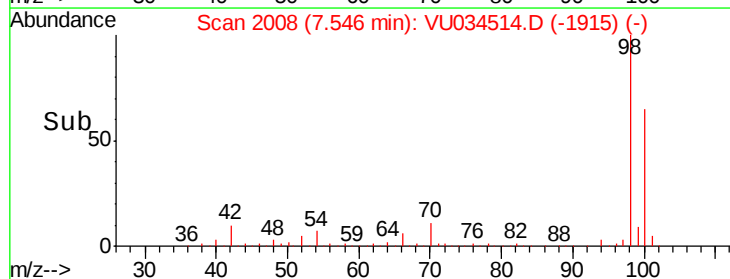
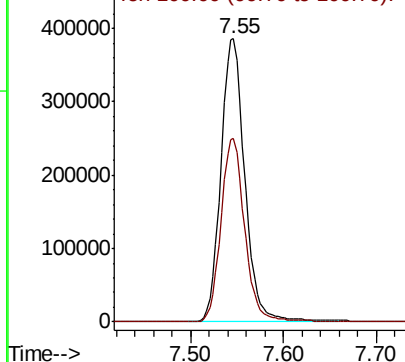


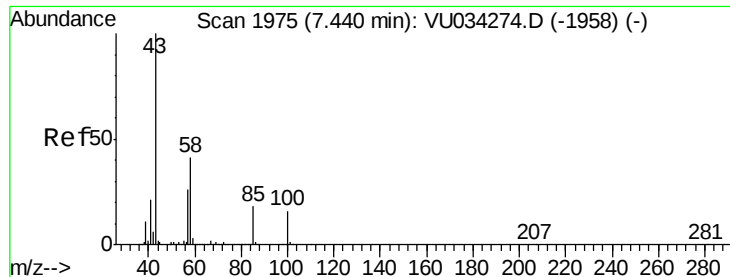
#50
Toluene-d8
Concen: 54.840 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 98 Resp: 692307
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

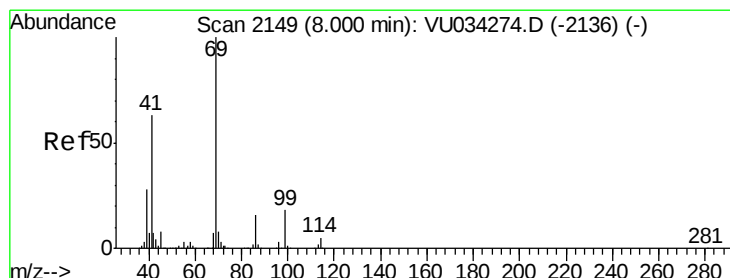
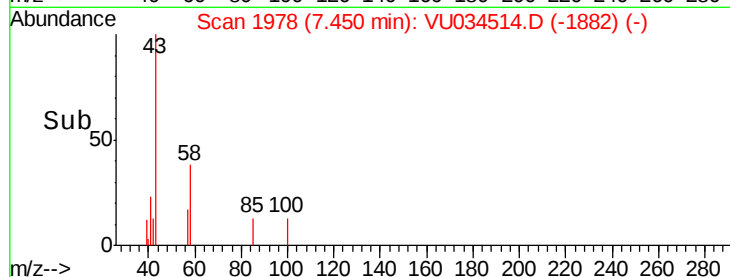
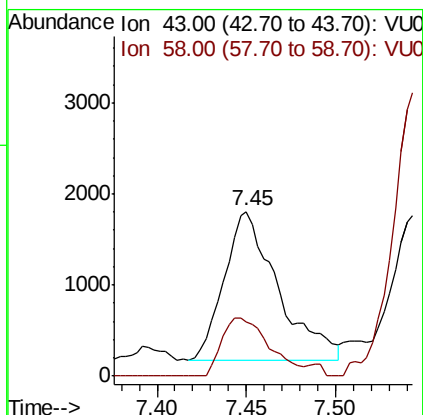
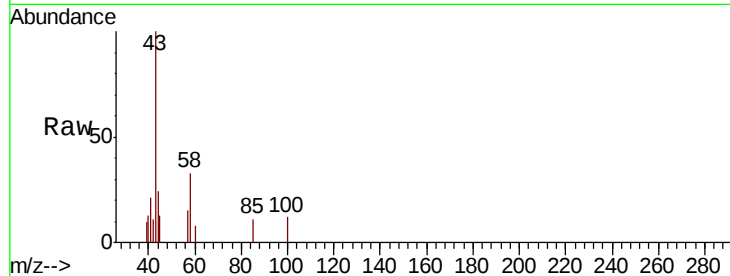




#51
 4-Methyl-2-Pentanone
 Concen: 0.680 ug/l
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

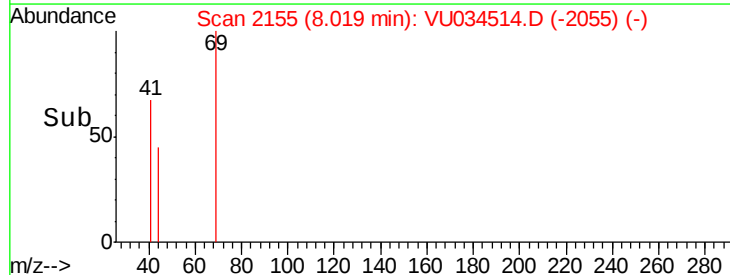
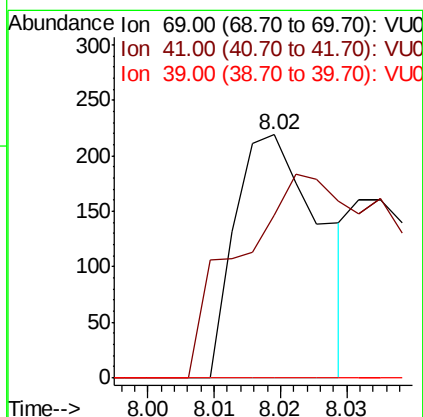
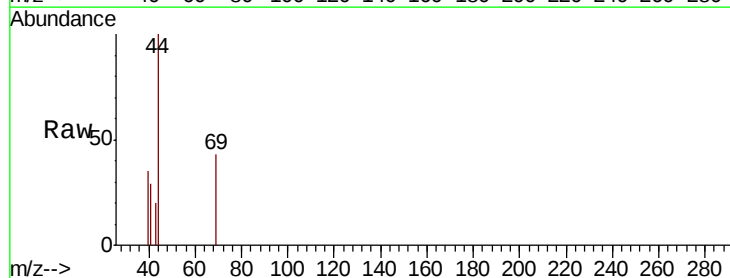
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

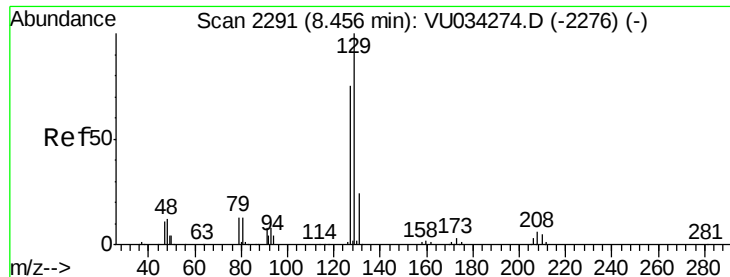
Tgt Ion: 43 Resp: 3398
 Ion Ratio Lower Upper
 43 100
 58 35.0 33.0 49.4



#56
 Ethyl methacrylate
 Concen: 3.110 ug/l
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.02 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

Tgt Ion: 69 Resp: 196
 Ion Ratio Lower Upper
 69 100
 41 141.3 49.5 74.3#
 39 0.0 22.5 33.7#





#60

Dibromochloromethane

Concen: 0.993 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

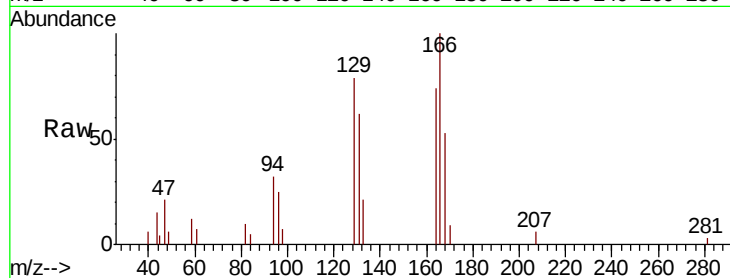
CPA-CPMW04D-M27W1-090619

Tgt Ion:129 Resp: 3835

Ion Ratio Lower Upper

129 100

127 0.0 37.9 113.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.21

2500

2000

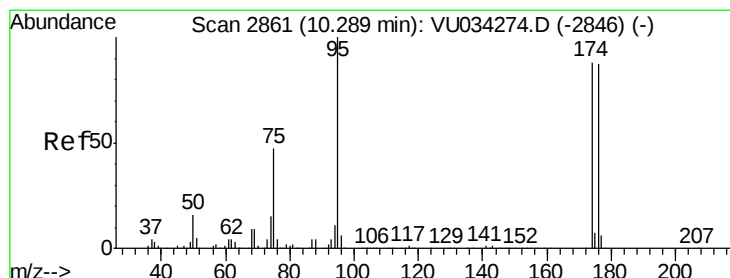
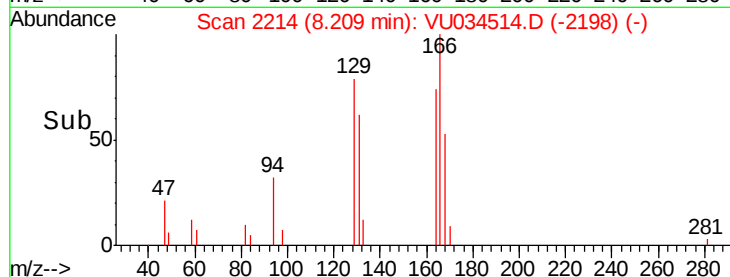
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.757 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

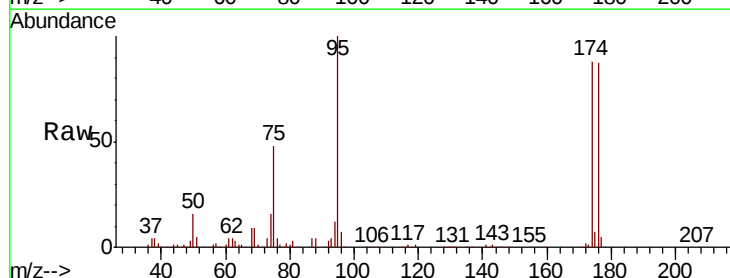
Tgt Ion: 95 Resp: 227898

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

176 85.6 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.29

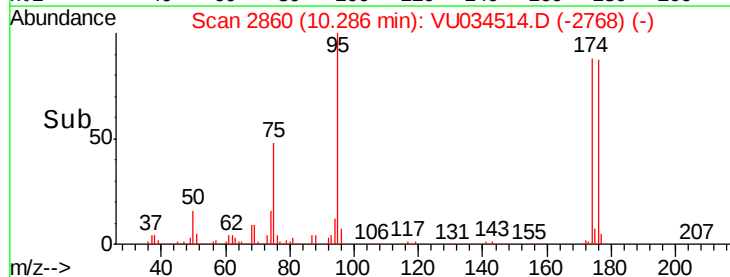
150000

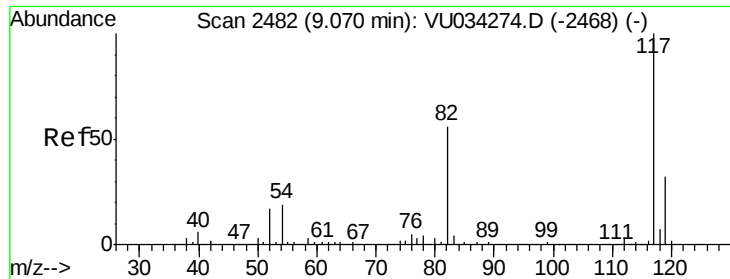
100000

50000

0

Time-->

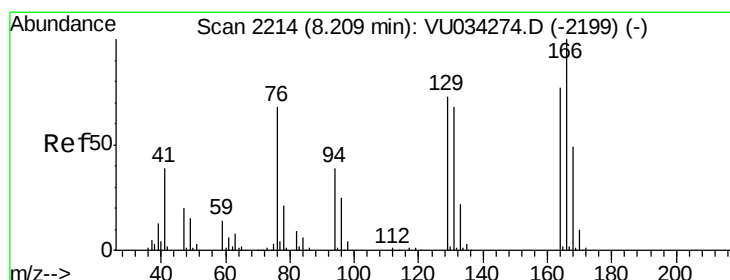
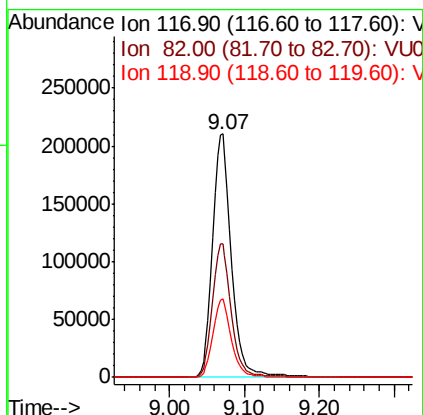
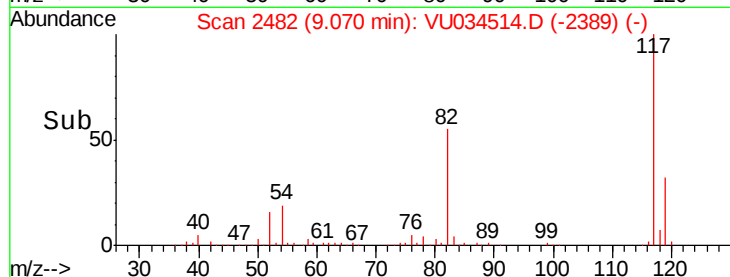
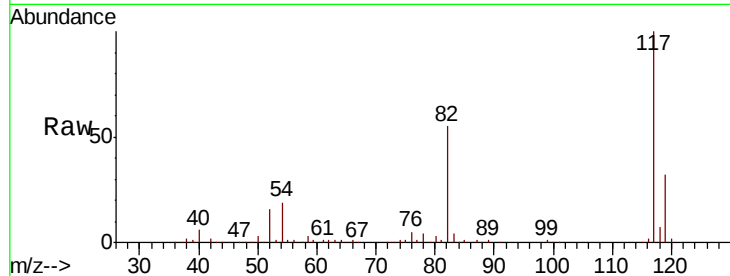




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

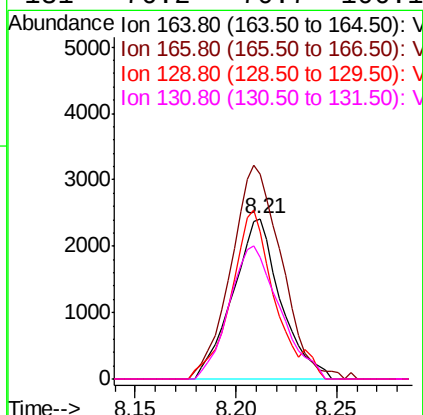
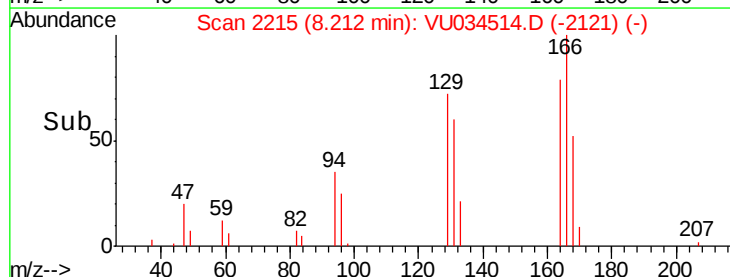
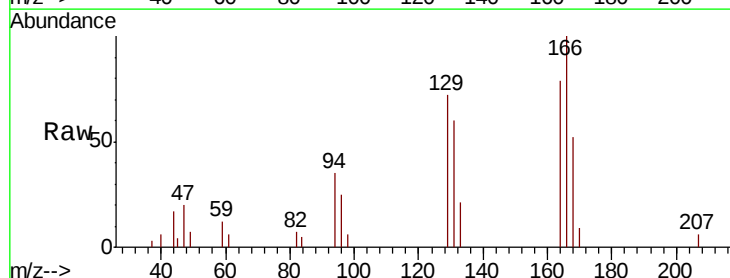
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

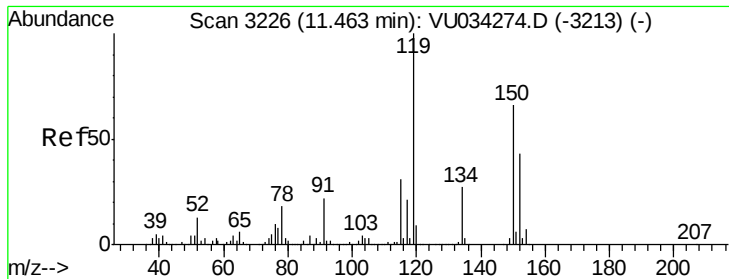
Tgt Ion:117 Resp: 370063
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 1.247 ug/l
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion:164 Resp: 4002
Ion Ratio Lower Upper
164 100
166 127.3 103.7 155.5
129 91.4 75.8 113.8
131 76.2 70.7 106.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

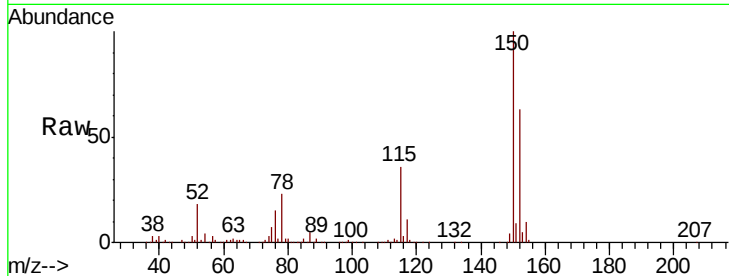
Tgt Ion:152 Resp: 208920

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.3

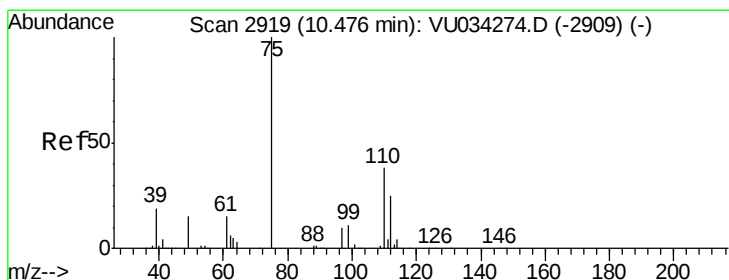
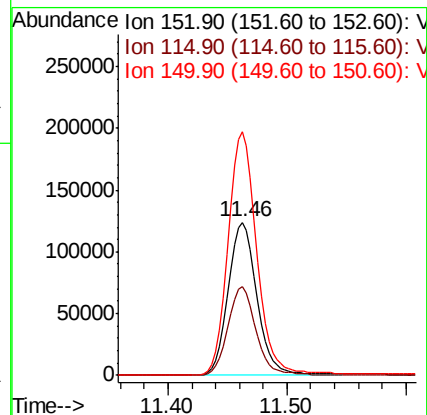
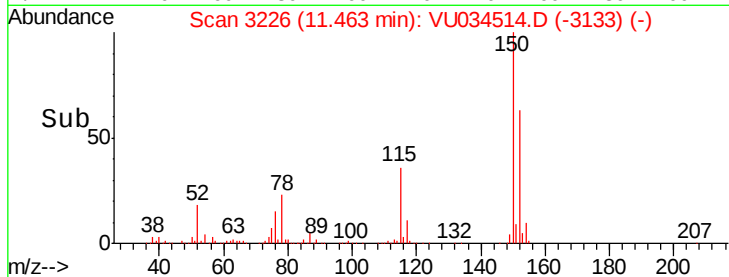
150 158.4 0.0 345.4



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



#76

1,2,3-Trichloropropane

Concen: 23.992 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034514.D

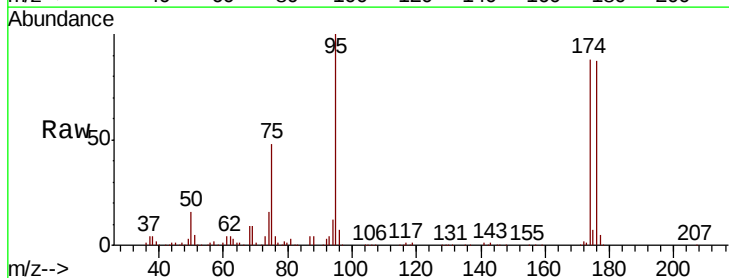
Acq: 12 Sep 2019 12:42

Tgt Ion: 75 Resp: 109414

Ion Ratio Lower Upper

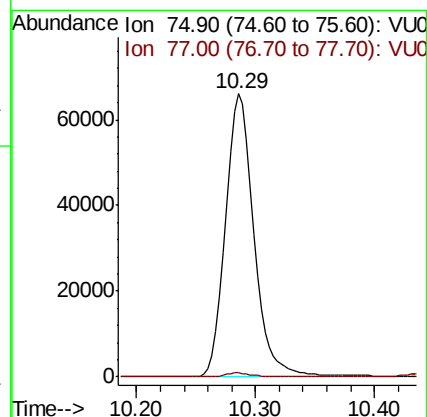
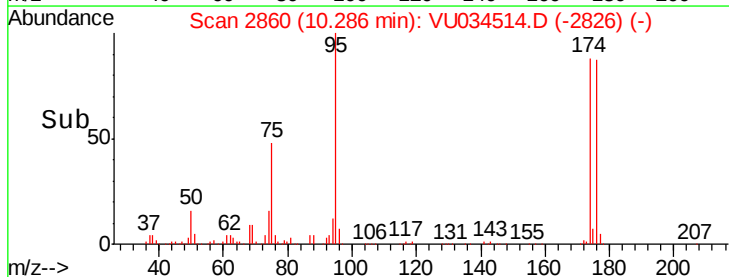
75 100

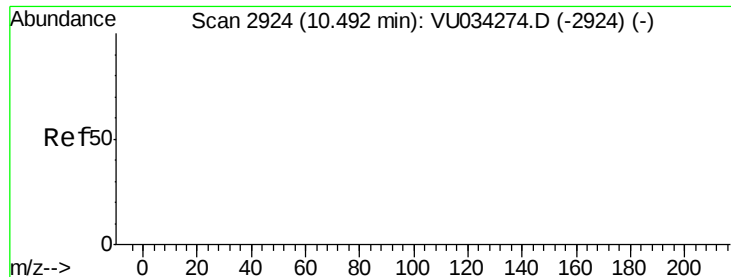
77 1.3 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

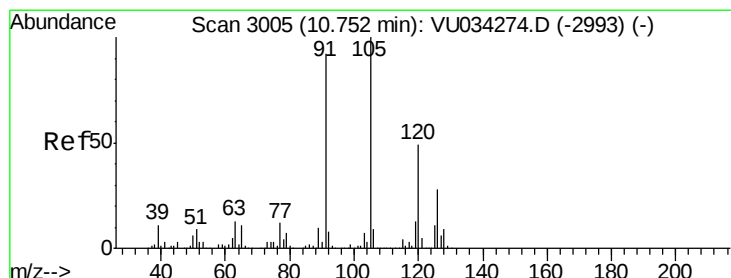
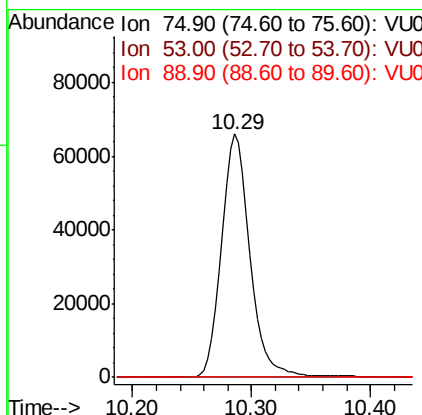
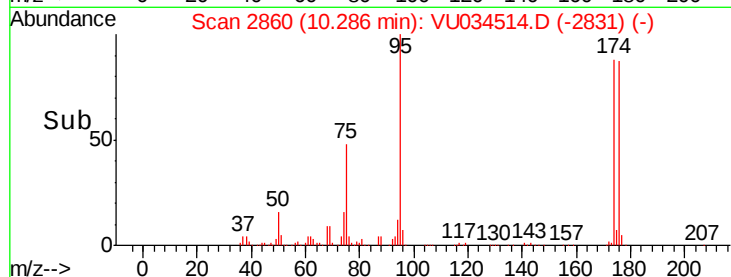
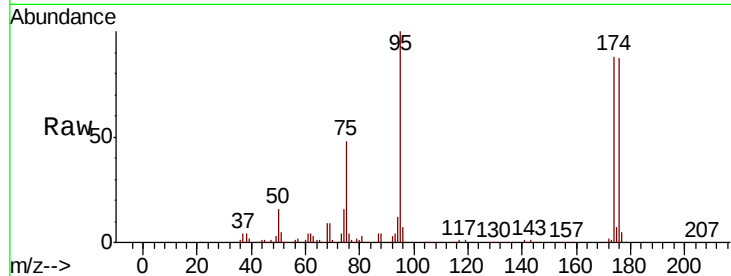




#81
trans-1,4-Dichloro-2-butene
Concen: 80.685 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

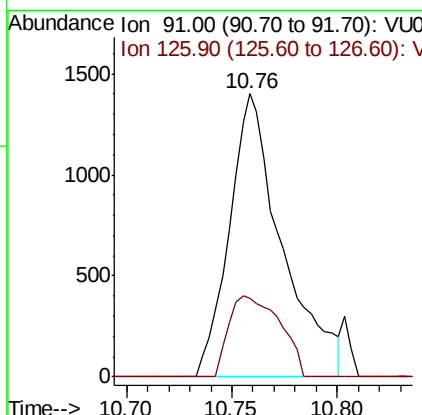
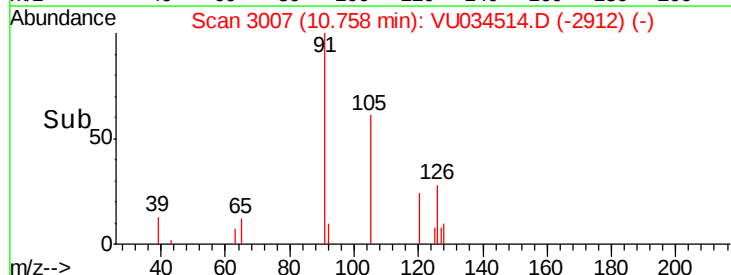
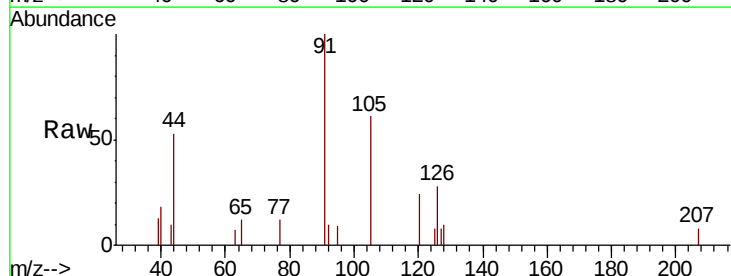
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

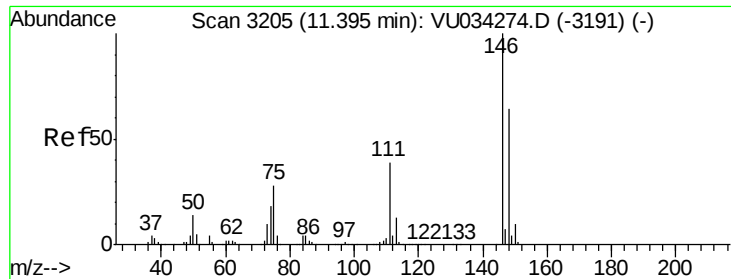
Tgt Ion: 75 Resp: 109414
Ion Ratio Lower Upper
75 100
53 0.1 0.0 0.0#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.219 ug/l
RT: 10.76 min Scan# 3007
Delta R.T. 0.01 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 91 Resp: 2417
Ion Ratio Lower Upper
91 100
126 27.8 15.3 45.8





#87

1,3-Dichlorobenzene

Concen: 0.278 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

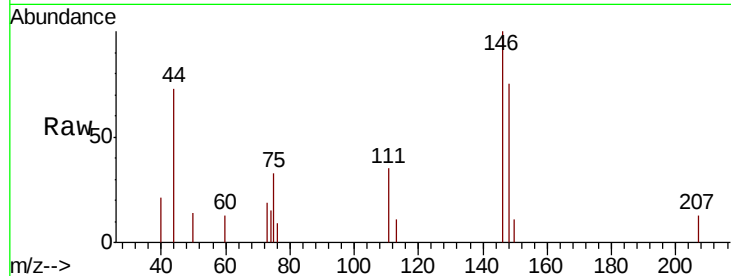
Tgt Ion:146 Resp: 1931

Ion Ratio Lower Upper

146 100

111 37.5 19.5 58.5

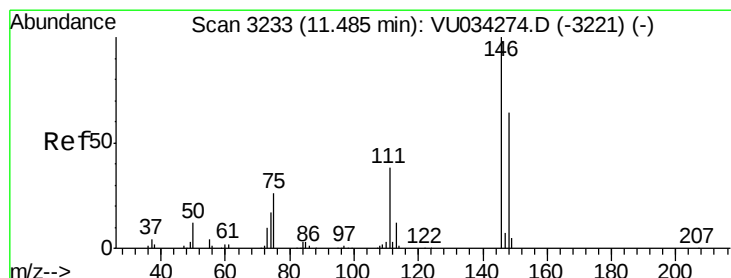
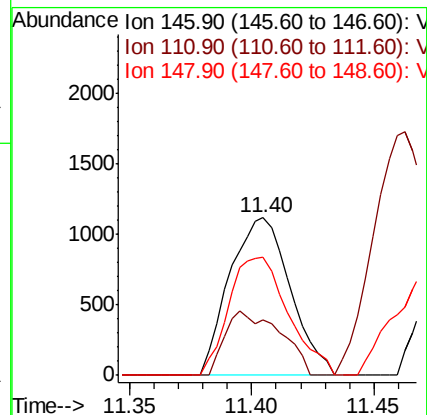
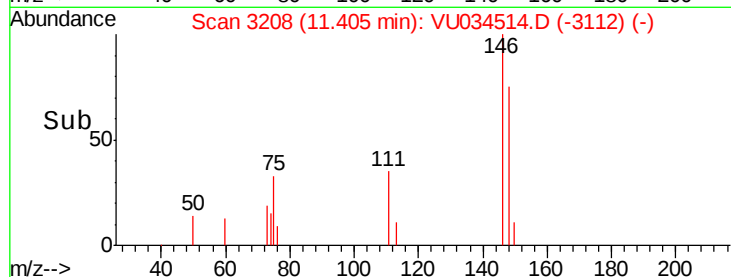
148 73.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.267 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. -0.08 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

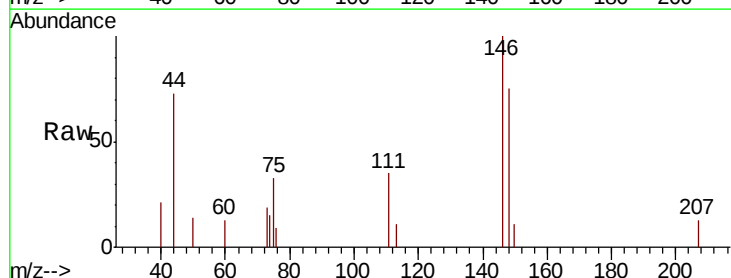
Tgt Ion:146 Resp: 1931

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

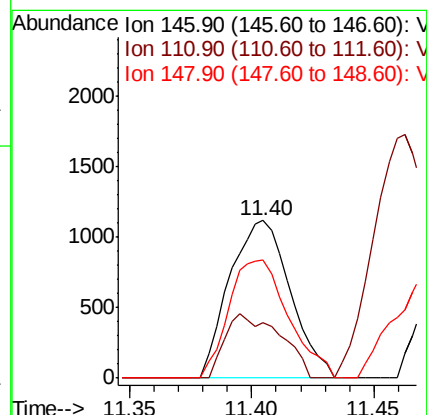
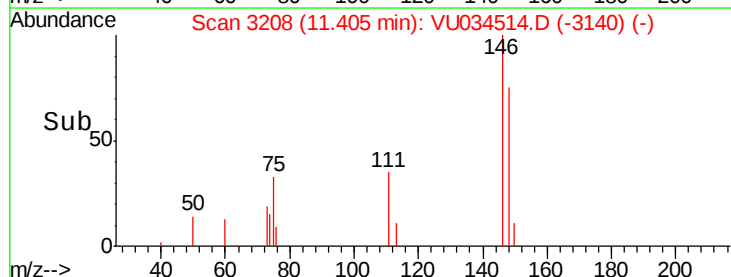
148 73.5 32.0 96.0

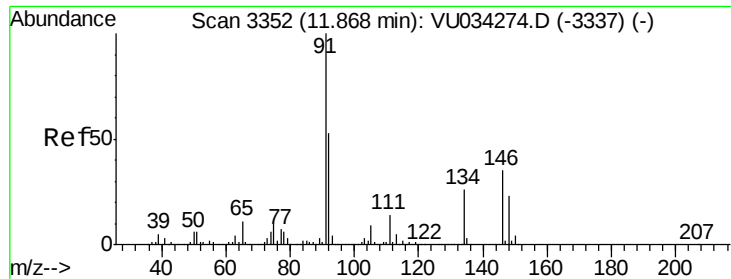


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

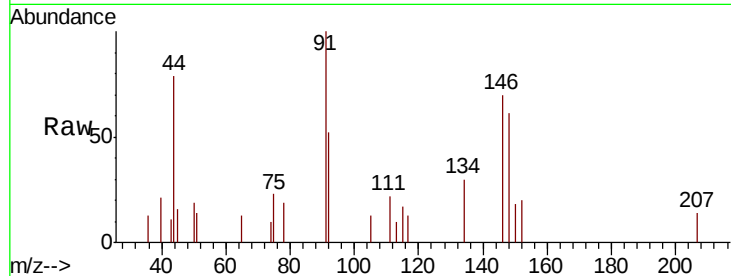




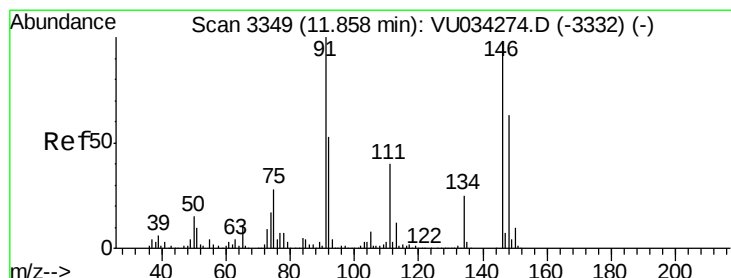
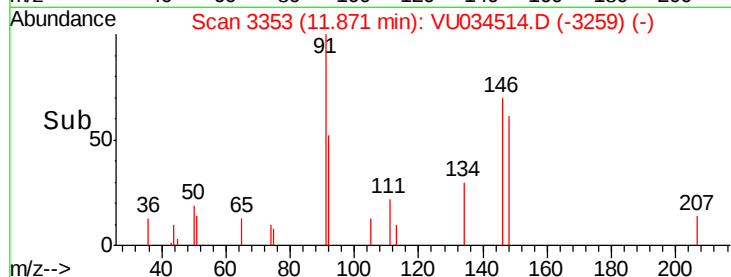
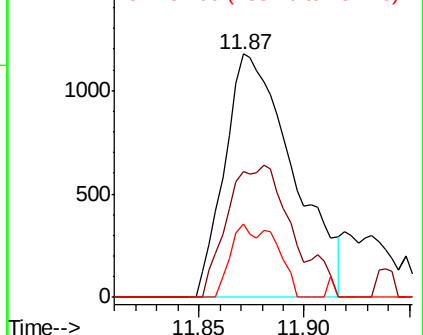
#89
n-Butylbenzene
Concen: 0.246 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

Tgt Ion: 91 Resp: 2647
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.4
134 11.3 13.2 39.6#

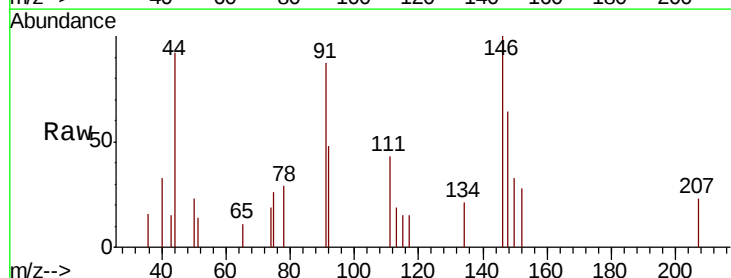


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

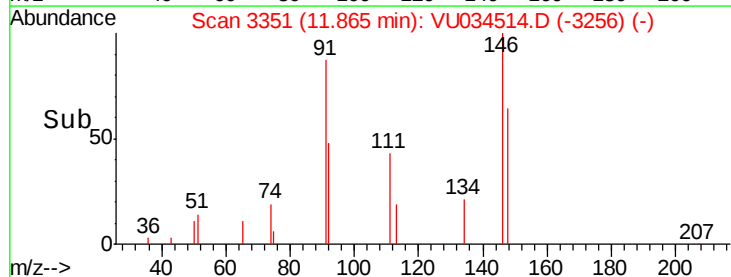
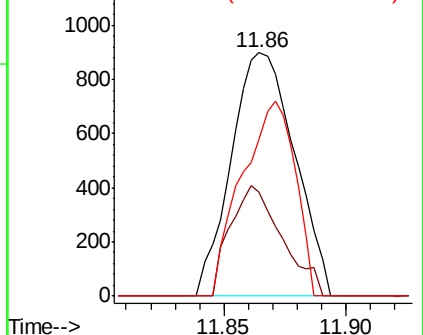


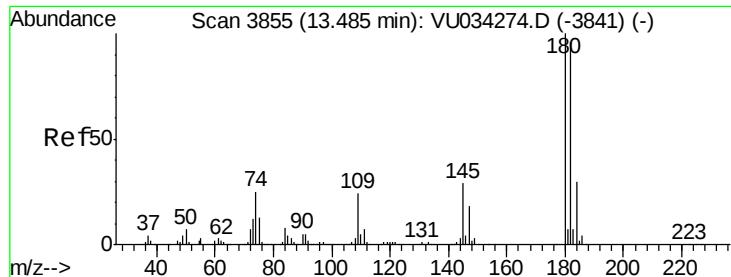
#91
1,2-Dichlorobenzene
Concen: 0.237 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. 0.01 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 146 Resp: 1618
Ion Ratio Lower Upper
146 100
111 37.3 20.0 60.0
148 67.6 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

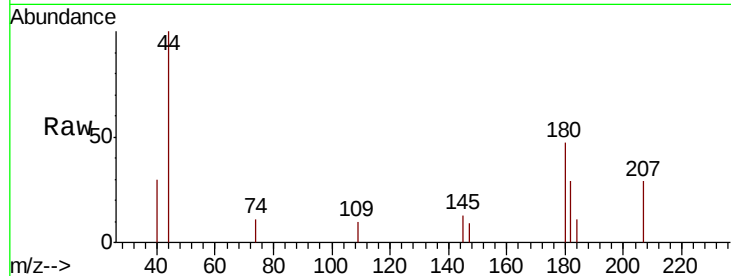




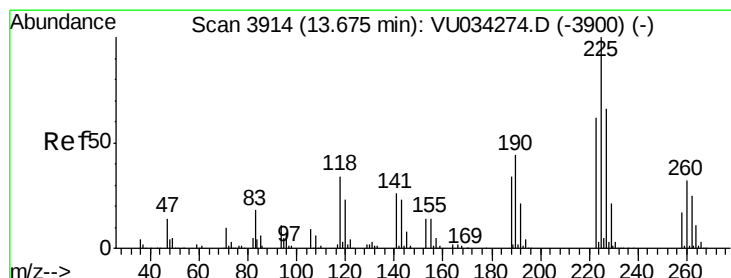
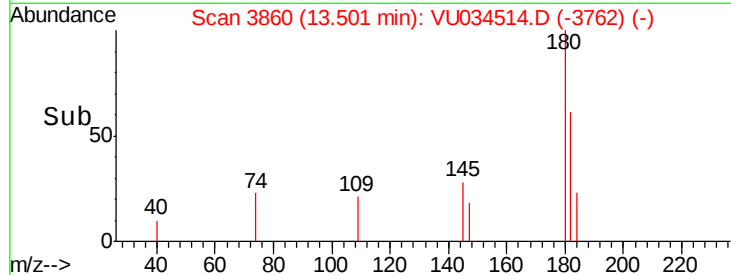
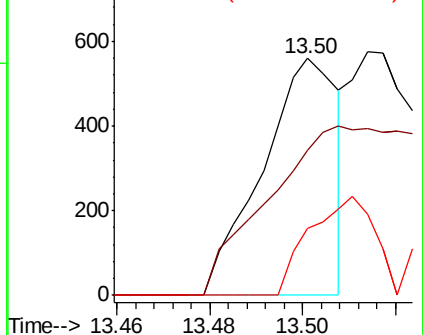
#93
 1,2,4-Trichlorobenzene
 Concen: 3.571 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.02 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

Tgt Ion:180 Resp: 632
 Ion Ratio Lower Upper
 180 100
 182 130.1 47.9 143.8
 145 35.9 14.4 43.0

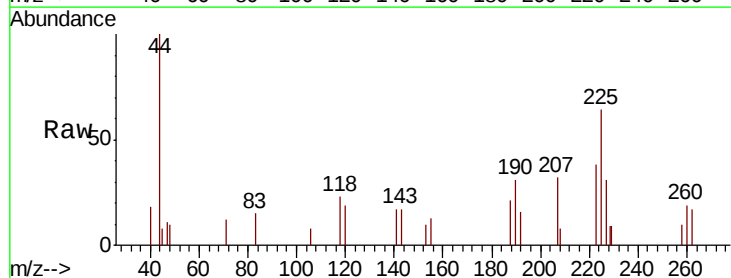


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

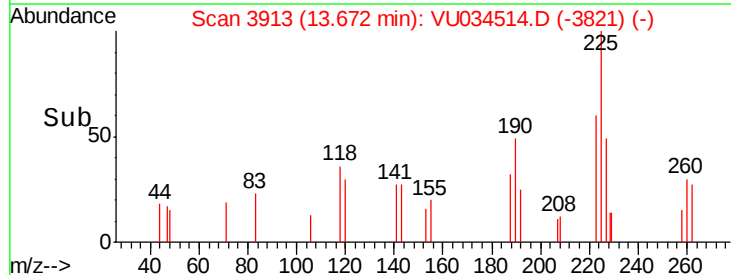
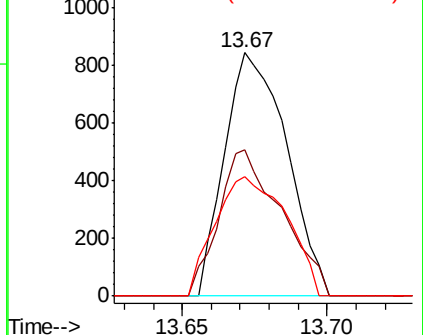


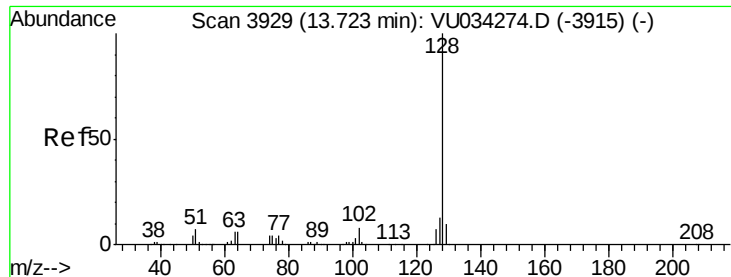
#94
 Hexachlorobutadiene
 Concen: 0.528 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

Tgt Ion:225 Resp: 1258
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.6 94.7
 227 56.4 32.3 96.8



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

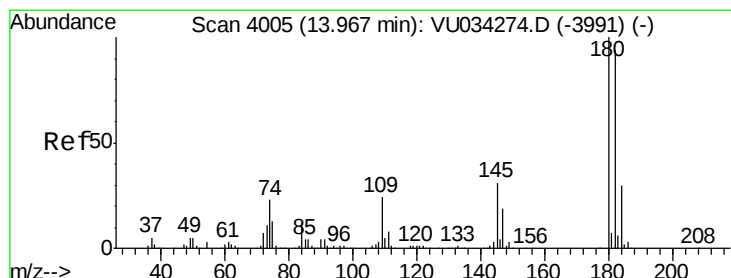
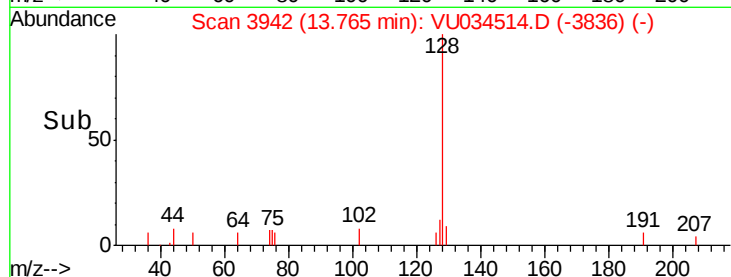
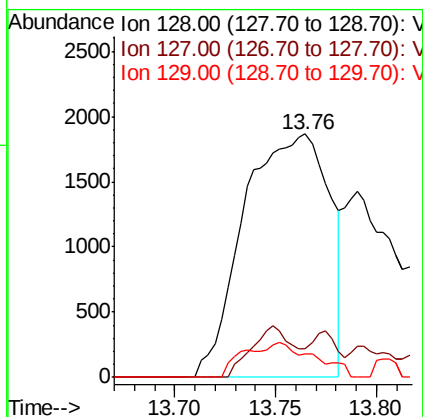
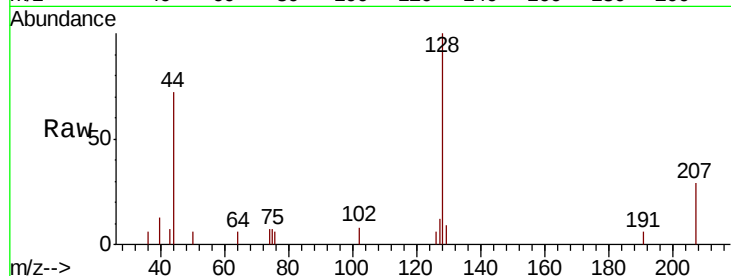




#95
Naphthalene
Concen: 4.328 ug/l
RT: 13.76 min Scan# 3942
Delta R.T. 0.04 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

Tgt Ion:128 Resp: 5474
Ion Ratio Lower Upper
128 100
127 4.6 10.6 15.8#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.800 ug/l
RT: 13.98 min Scan# 4008
Delta R.T. 0.01 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Tgt Ion:180 Resp: 812
Ion Ratio Lower Upper
180 100
182 137.6 48.4 145.0
145 28.6 15.4 46.4

