

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034325.D
 Acq On : 06 Sep 2019 13:05
 Operator : JC/SP
 Sample : K4689-03 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 13:32:02 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	316902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	476423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	470666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	311990	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	241556	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	4.86	113	210686	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	7.55	98	818026	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	10.29	95	305990	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	812	Below Cal		96
6) Chloroethane	1.66	64	101	Below Cal	#	43
10) Methyl Iodide	2.40	142	366	3.947	ug/l #	43
11) Tert butyl alcohol	2.82	59	1575	1.555	ug/l #	73
16) Acetone	2.32	43	2764	1.114	ug/l	99
20) Methylene Chloride	2.69	84	714	Below Cal	#	88
29) Tetrahydrofuran	4.65	42	576	0.286	ug/l #	45
31) Cyclohexane	4.96	56	5038	0.897	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	21123	4.088	ug/l #	49
38) Carbon Tetrachloride	4.96	117	27555	4.995	ug/l #	16
40) Benzene	5.37	78	20716	1.243	ug/l	97
52) Toluene	7.62	92	7795	0.745	ug/l	93
67) Ethyl Benzene	9.23	91	70977	3.635	ug/l	97
68) m/p-Xylenes	9.36	106	32240	4.385	ug/l	97
69) o-Xylene	9.76	106	24843	3.455	ug/l	97
73) Isopropylbenzene	10.15	105	27858	1.372	ug/l	98
76) 1,2,3-Trichloropropane	10.29	75	140978	20.701	ug/l #	36
78) n-propylbenzene	10.57	91	16148	0.689	ug/l	94
79) 2-Chlorotoluene	10.66	91	15130	1.057	ug/l #	51
80) 1,3,5-Trimethylbenzene	10.75	105	80789	4.758	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.29	75	140978	69.616	ug/l #	100
82) 4-Chlorotoluene	10.75	91	8552	0.519	ug/l #	47
83) tert-Butylbenzene	11.13	119	29638	1.745	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.13	105	243359	14.237	ug/l	99
85) sec-Butylbenzene	11.13	105	243359	12.135	ug/l #	56
86) p-Isopropyltoluene	11.46	119	56749	3.066	ug/l	98
89) n-Butylbenzene	11.85	91	15164	0.943	ug/l #	1
90) Hexachloroethane	12.23	117	8571	2.894	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.63	75	441	0.292	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.49	180	1187	3.601	ug/l #	22
95) Naphthalene	13.72	128	7572294	339.247	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	914	2.760	ug/l #	1

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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

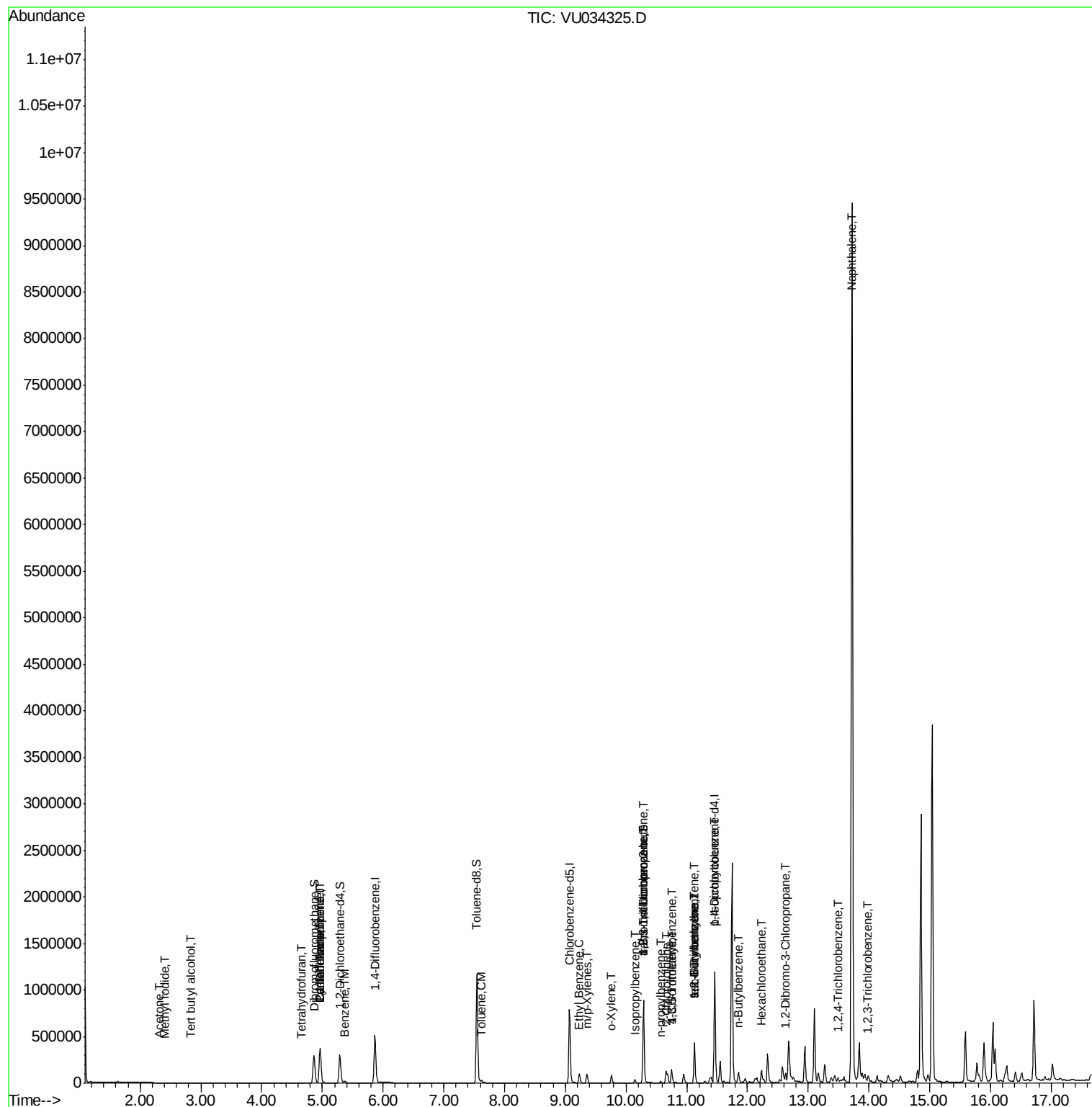
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

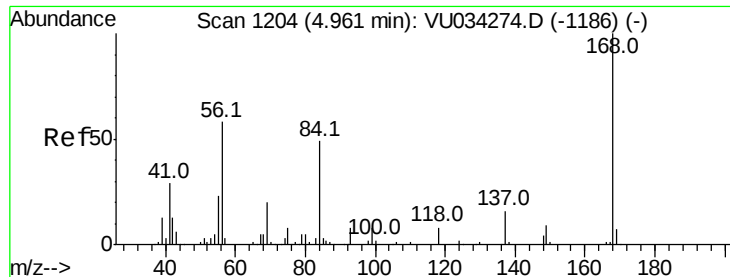
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

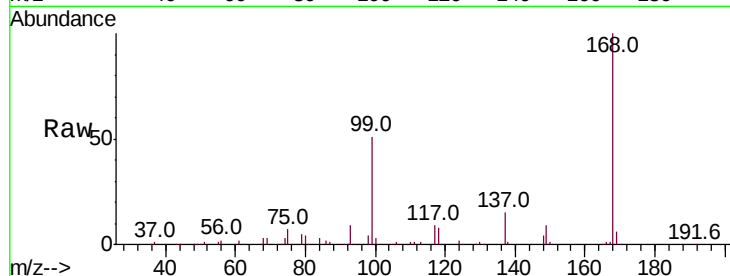
ClientSampleId :

Tot Ion:168 Resp: 316902

Ion Ratio Lower Upper

168 100

99 50.6 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

150000

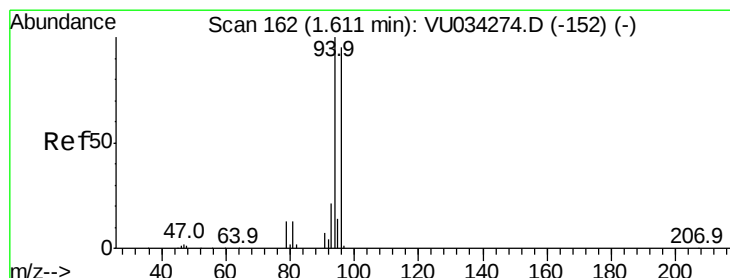
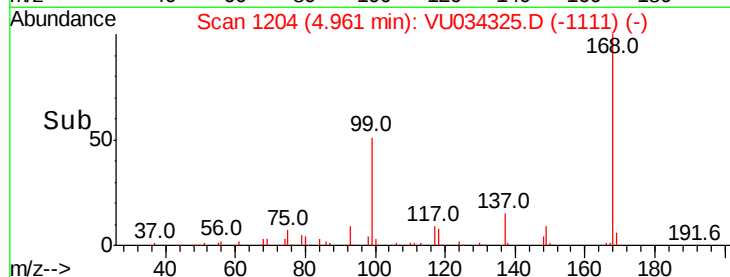
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 162

Delta R.T. 0.02 min

Lab File: VU034325.D

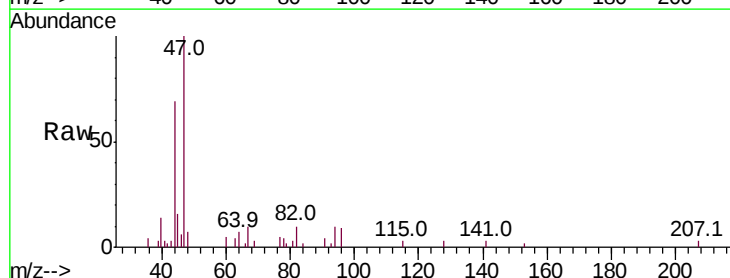
Acq: 06 Sep 2019 13:05

Tgt Ion: 94 Resp: 812

Ion Ratio Lower Upper

94 100

96 90.7 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

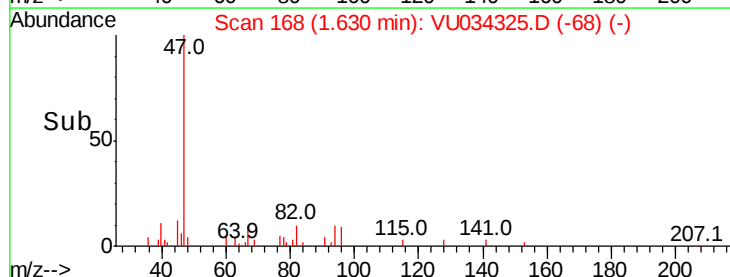
200

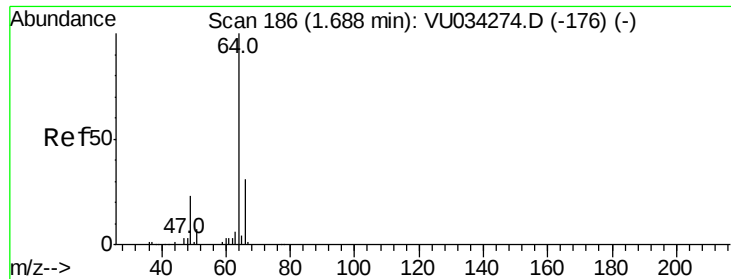
100

0

1.60 1.65

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 178

Delta R.T. -0.03 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

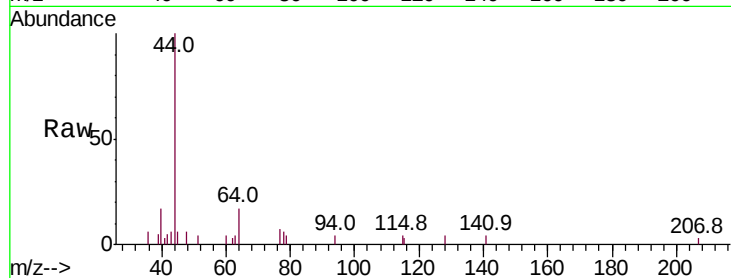
ClientSampleId :

Tot Ion: 64 Resp: 101

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

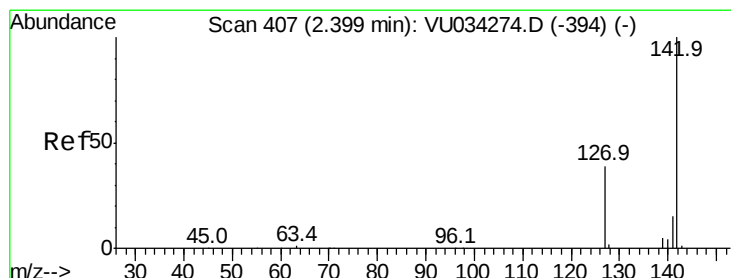
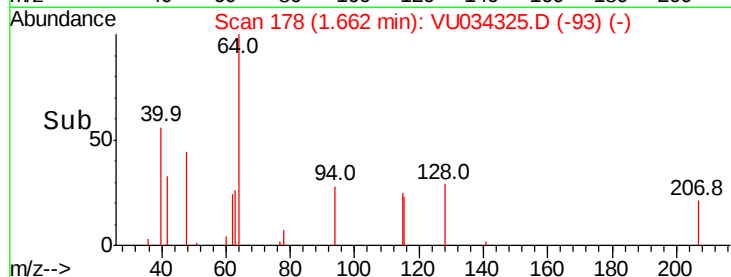
1.66

400

200

0

Time-->



#10

Methyl Iodide

Concen: 3.947 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

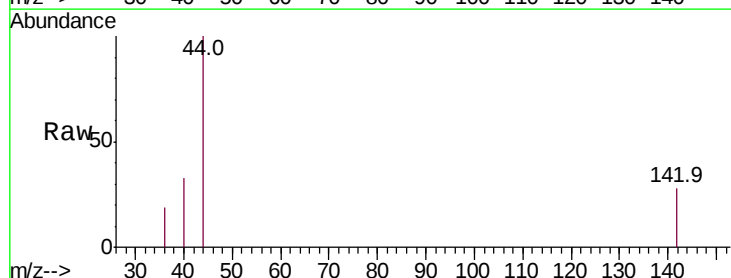
Tgt Ion: 142 Resp: 366

Ion Ratio Lower Upper

142 100

127 0.0 32.1 48.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.40

200

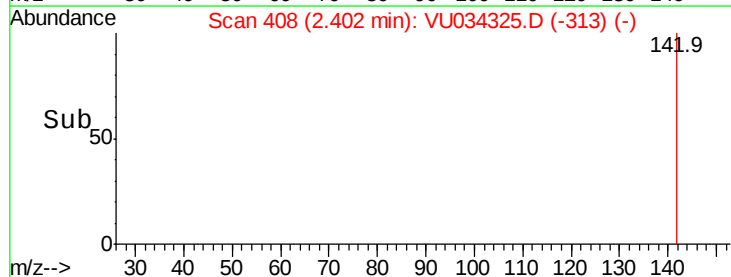
150

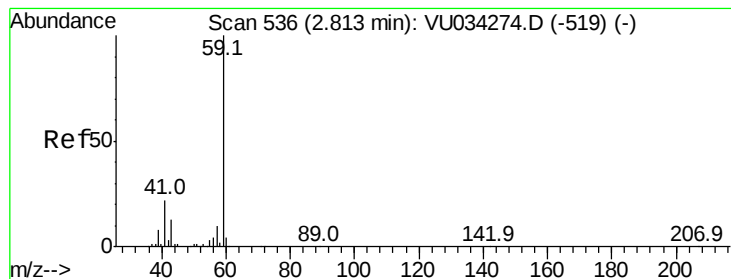
100

50

0

Time-->



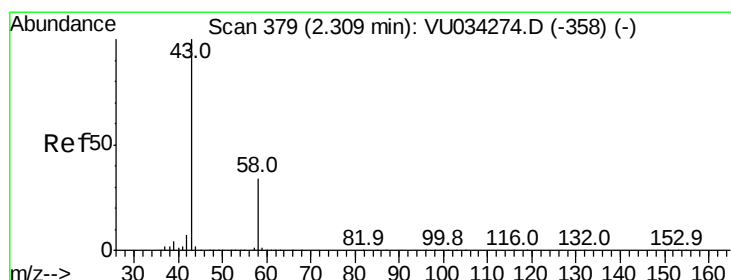
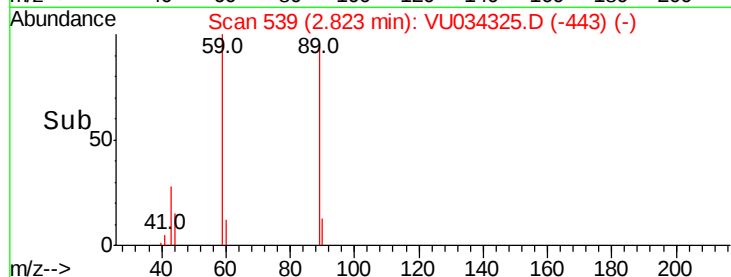
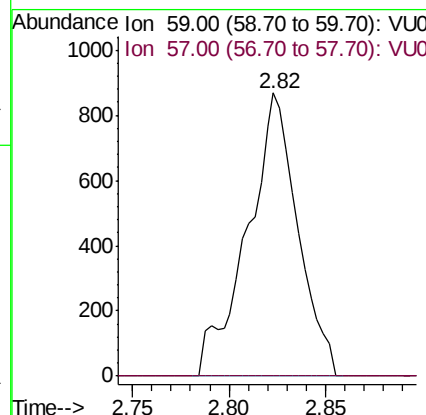
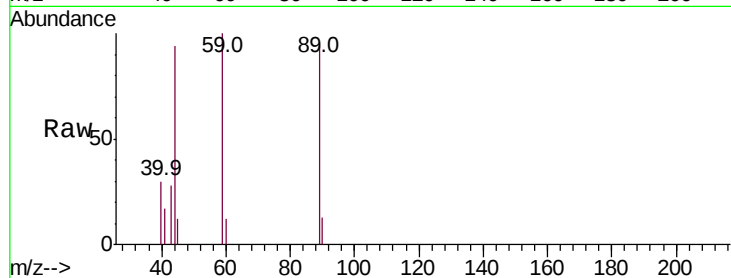


#11

Tert butyl alcohol
 Concen: 1.555 ug/l
 RT: 2.82 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VU034325.D
 Acq: 06 Sep 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :

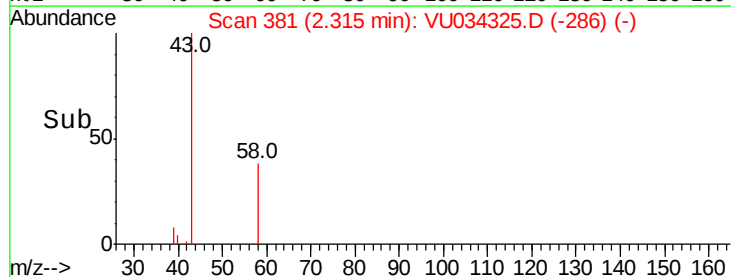
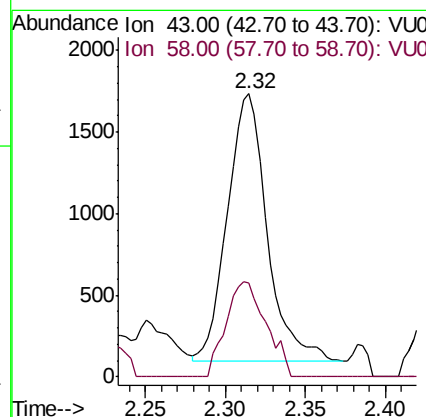
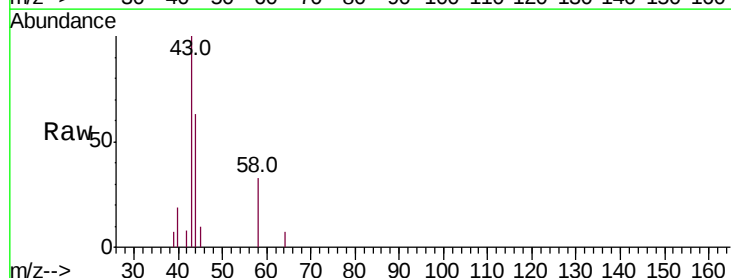
Tot Ion: 59 Resp: 1575
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

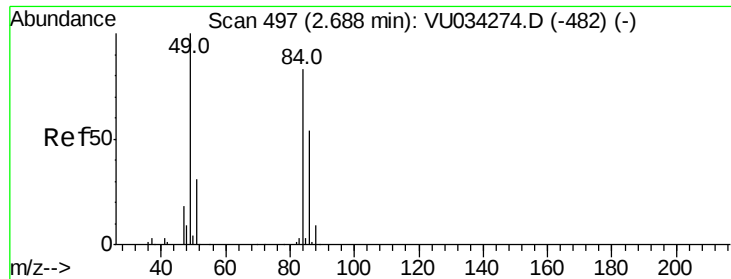


#16

Acetone
 Concen: 1.114 ug/l
 RT: 2.32 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VU034325.D
 Acq: 06 Sep 2019 13:05

Tgt Ion: 43 Resp: 2764
 Ion Ratio Lower Upper
 43 100
 58 35.1 27.6 41.4

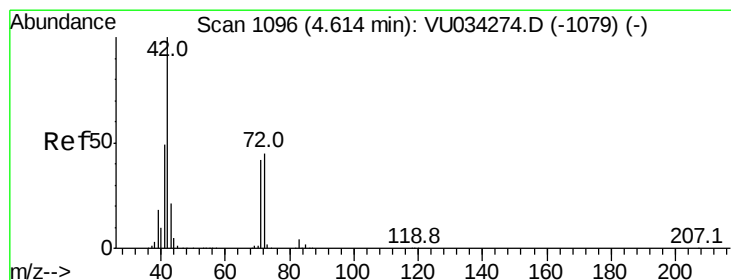
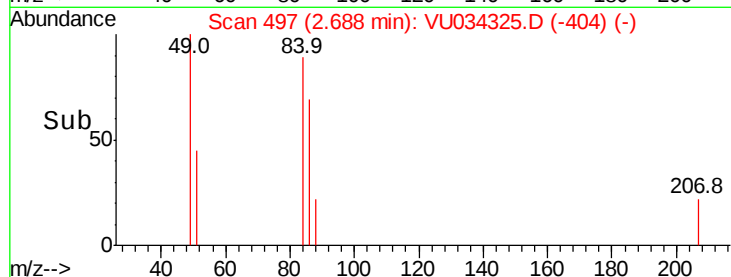
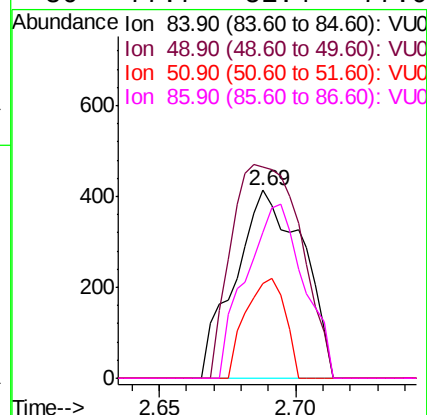
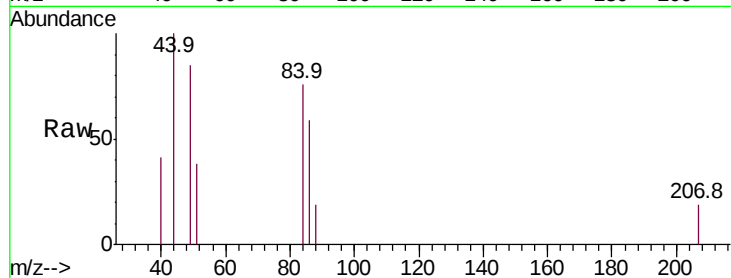




#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

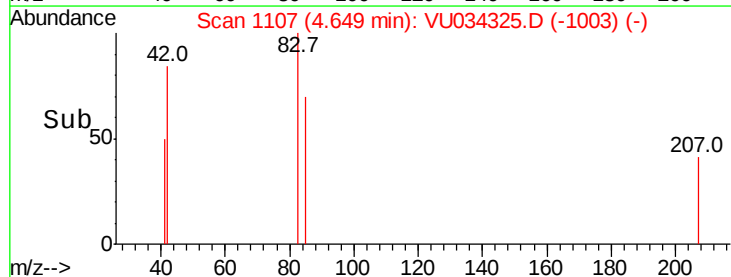
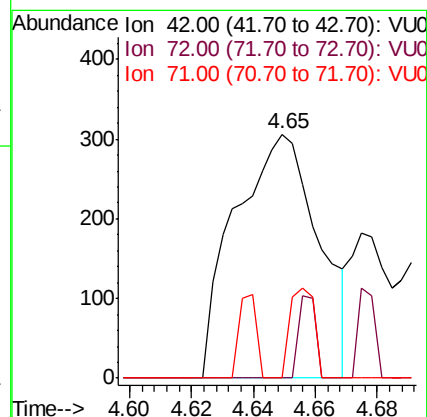
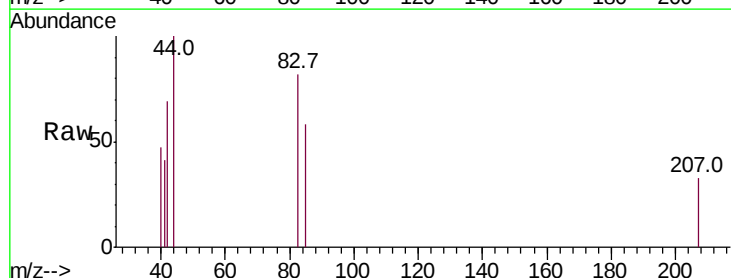
Instrument :
MSVOA_U
ClientSampleId :

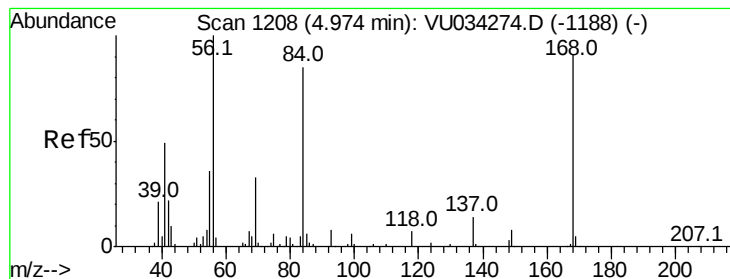
Tot Ion: 84 Resp: 714
Ion Ratio Lower Upper
84 100
49 112.8 96.0 144.0
51 50.6 30.0 45.0#
86 77.7 51.4 77.0#



#29
Tetrahydrofuran
Concen: 0.286 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.04 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Tgt Ion: 42 Resp: 576
Ion Ratio Lower Upper
42 100
72 6.8 36.6 54.8#
71 10.6 34.3 51.5#





#31

Cyclohexane

Concen: 0.897 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :

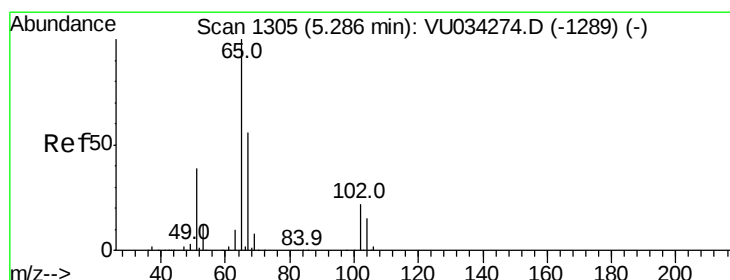
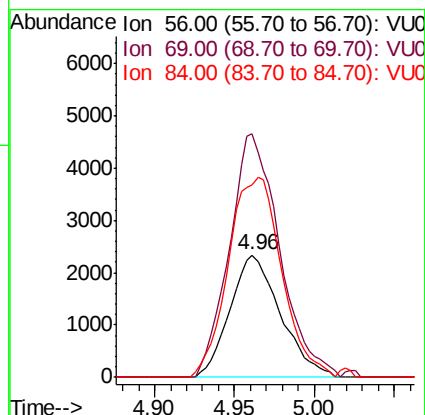
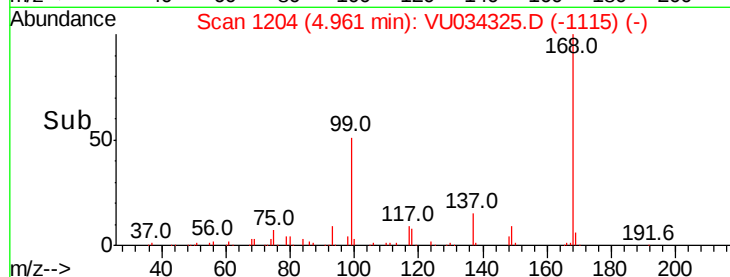
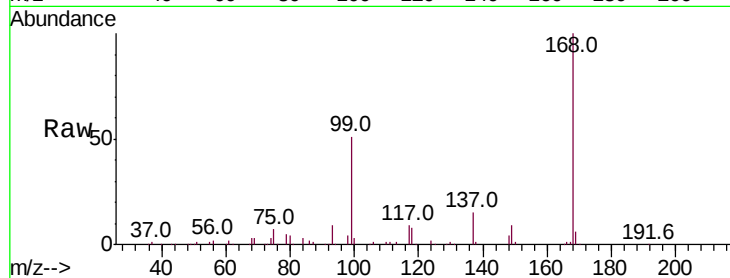
Tot Ion: 56 Resp: 5038

Ion Ratio Lower Upper

56 100

69 199.4 26.7 40.1#

84 157.9 68.2 102.4#



#33

1,2-Dichloroethane-d4

Concen: 50.378 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034325.D

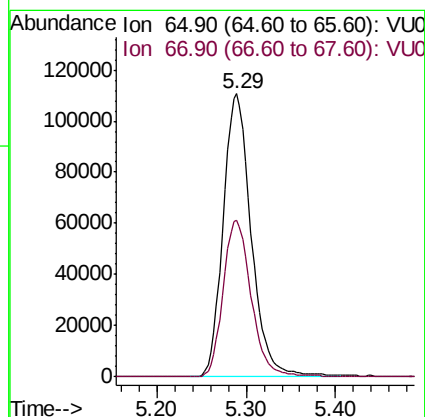
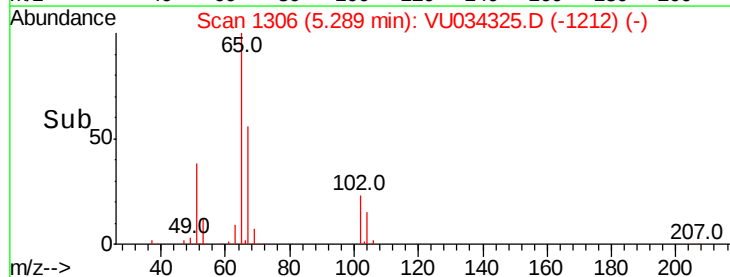
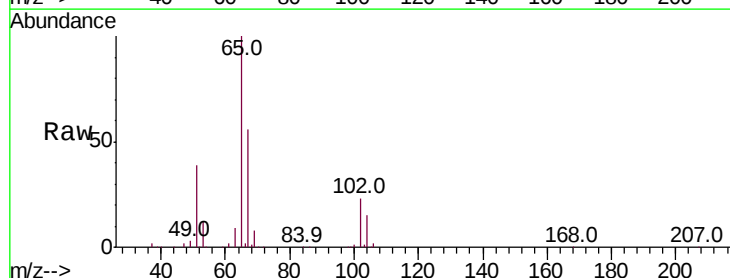
Acq: 06 Sep 2019 13:05

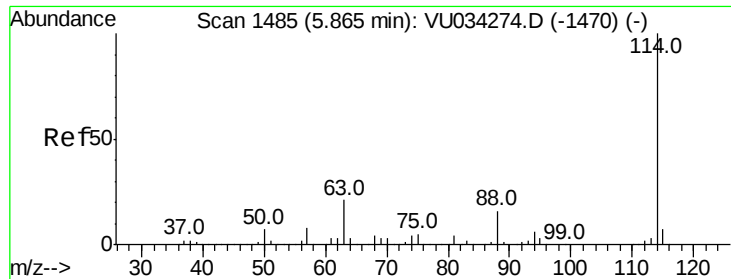
Tgt Ion: 65 Resp: 241556

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

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ClientSampleId :

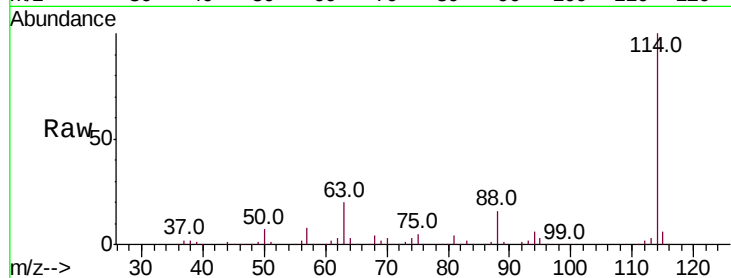
Tot Ion:114 Resp: 476423

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

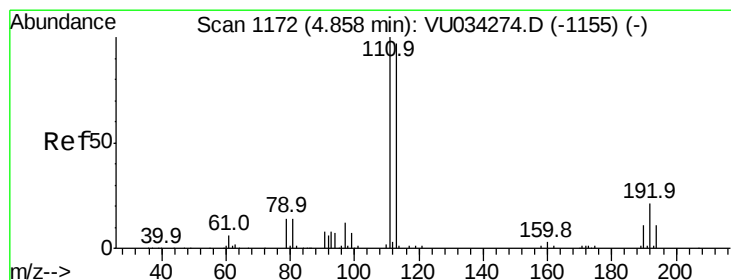
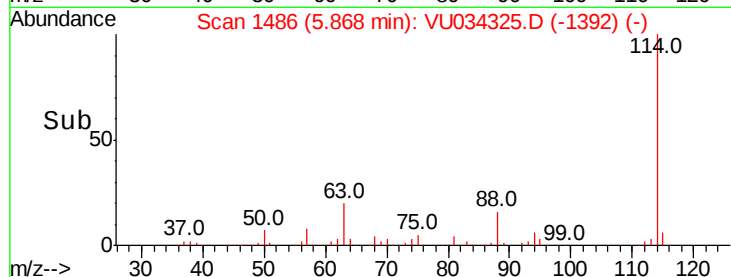
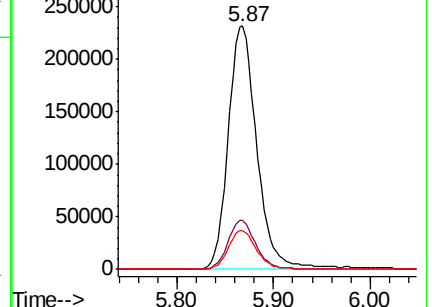
88 15.9 0.0 32.4



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: 47.525 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

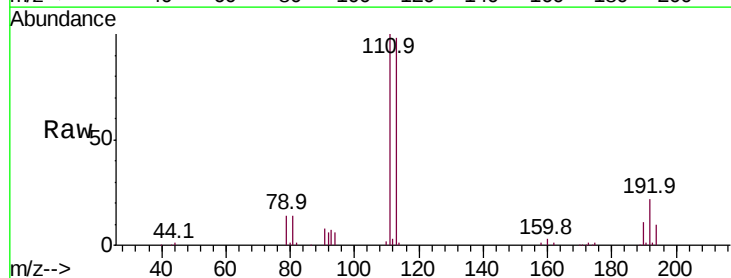
Tgt Ion:113 Resp: 210686

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

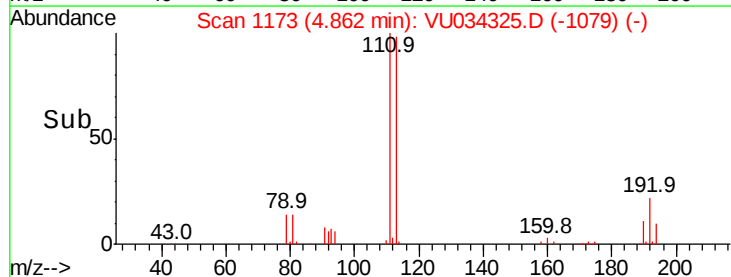
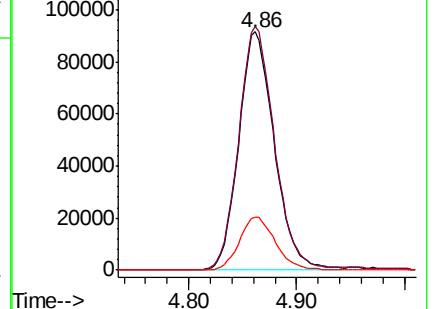
192 22.6 17.8 26.8

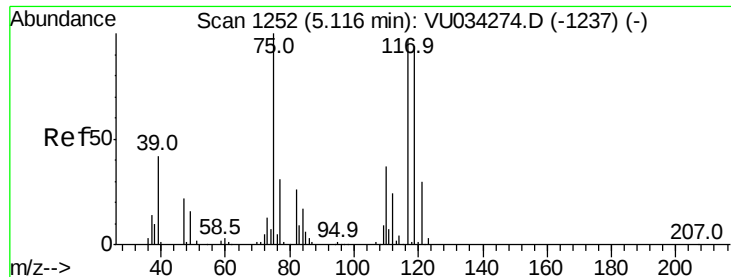


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.088 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :

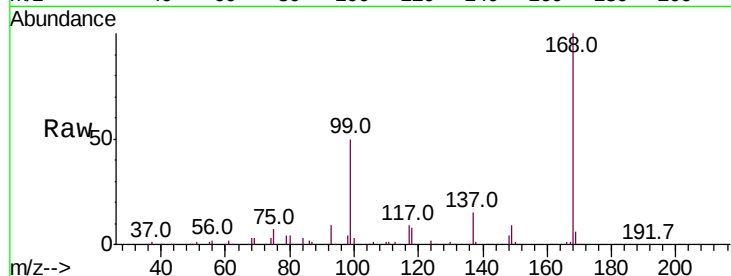
Tot Ion: 75 Resp: 21123

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.9#

77 0.0 24.9 37.3#



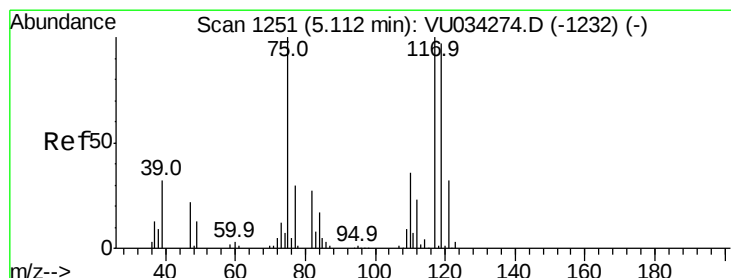
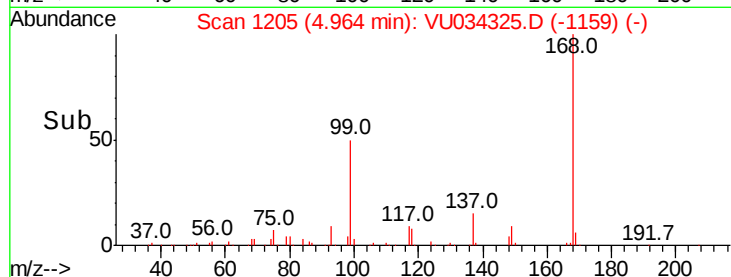
Abundance Ion 74.90 (74.60 to 75.60): VU034325.D (-1159) (-)

Ion 109.90 (109.60 to 110.60): VU034325.D (-1159) (-)

Ion 76.90 (76.60 to 77.60): VU034325.D (-1159) (-)

4.96

Time-->



#38

Carbon Tetrachloride

Concen: 4.995 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

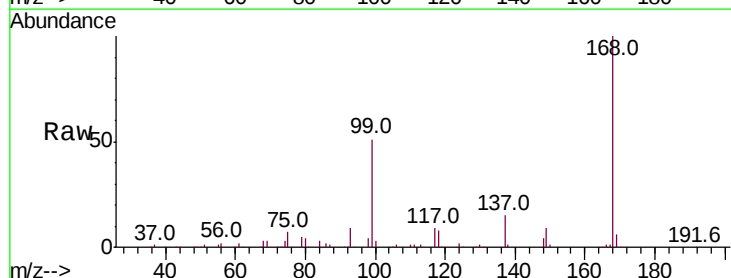
Tgt Ion: 117 Resp: 27555

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

121 0.0 25.2 37.8#



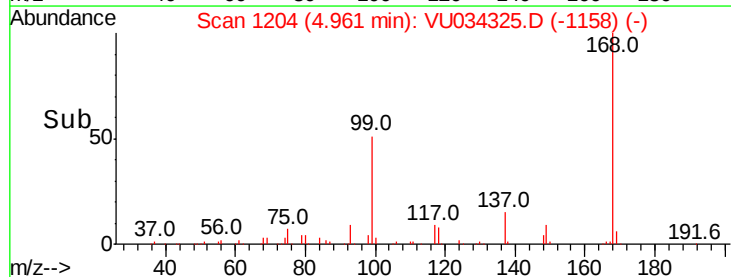
Abundance Ion 116.80 (116.50 to 117.50): VU034325.D (-1158) (-)

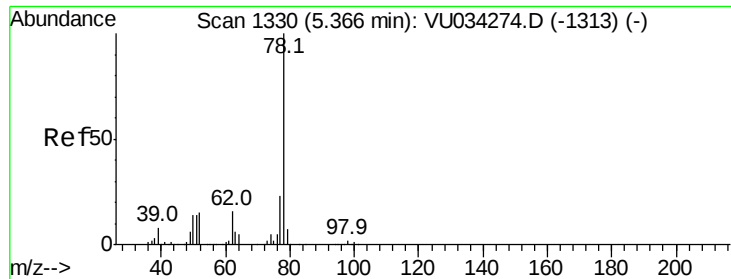
Ion 118.80 (118.50 to 119.50): VU034325.D (-1158) (-)

Ion 120.80 (120.50 to 121.50): VU034325.D (-1158) (-)

4.96

Time-->





#40

Benzene

Concen: 1.243 ug/l

RT: 5.37 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

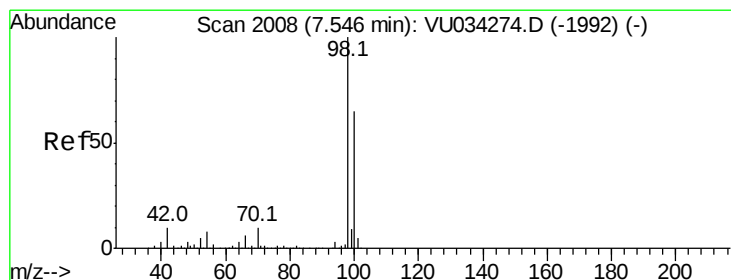
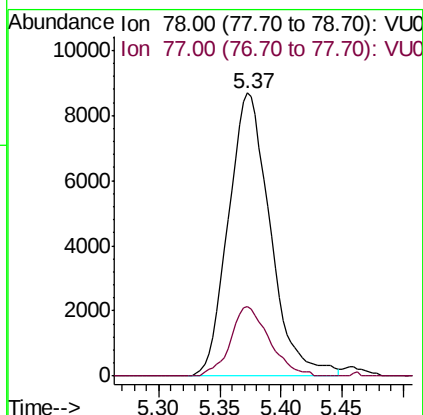
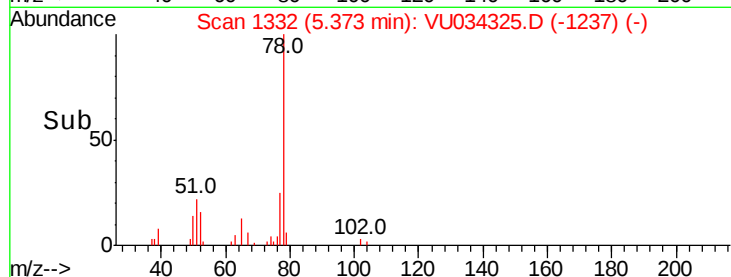
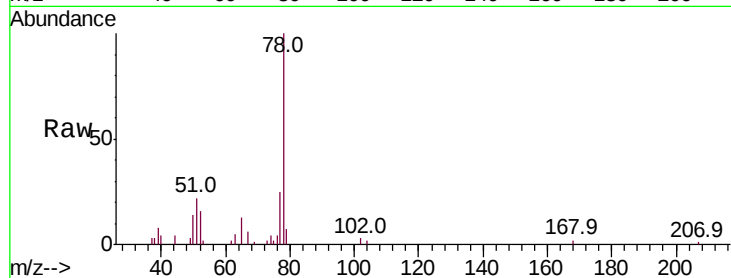
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 20716

Ion Ratio Lower Upper

78 100

77 24.6 18.7 28.1



#50

Toluene-d8

Concen: 49.115 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034325.D

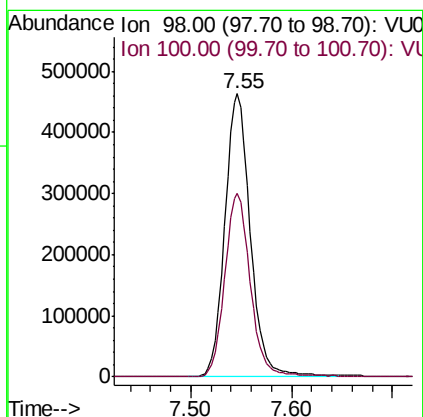
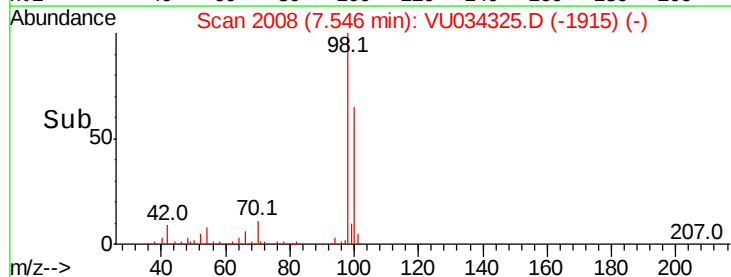
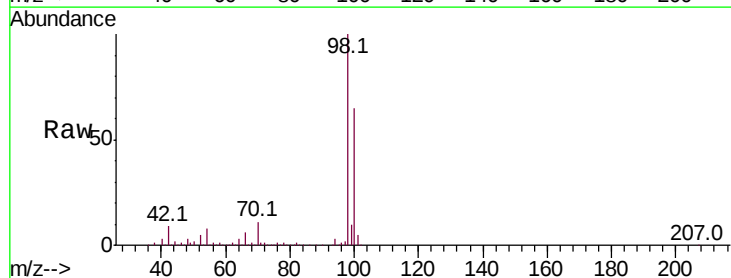
Acq: 06 Sep 2019 13:05

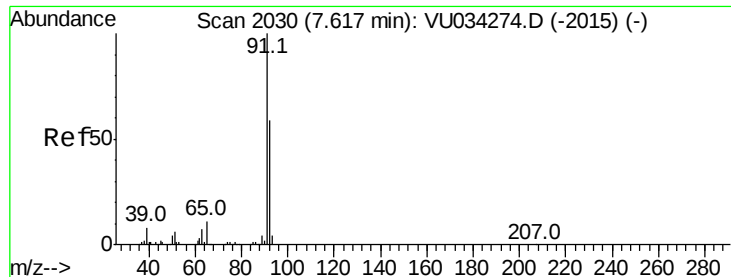
Tgt Ion: 98 Resp: 818026

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#52

Toluene

Concen: 0.745 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

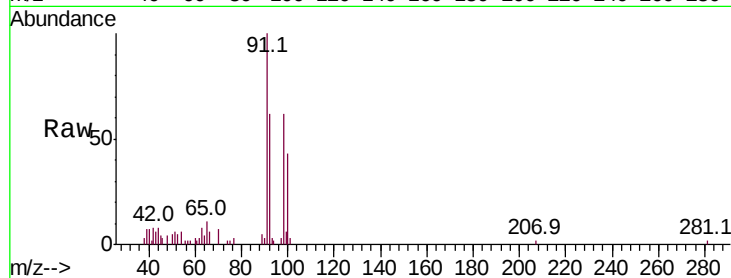
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 7795

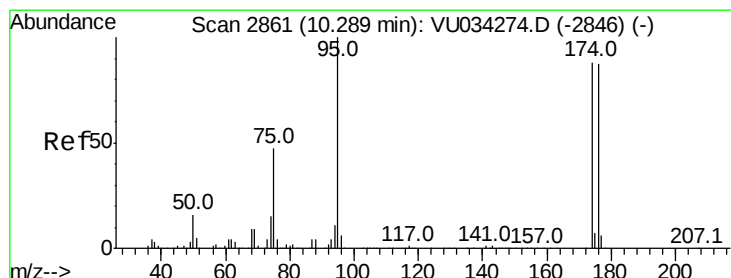
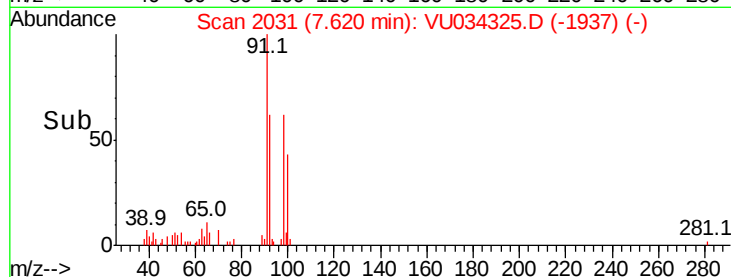
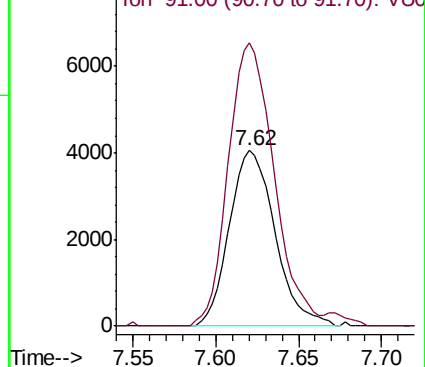
Ion Ratio Lower Upper

92 100

91 161.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 47.584 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

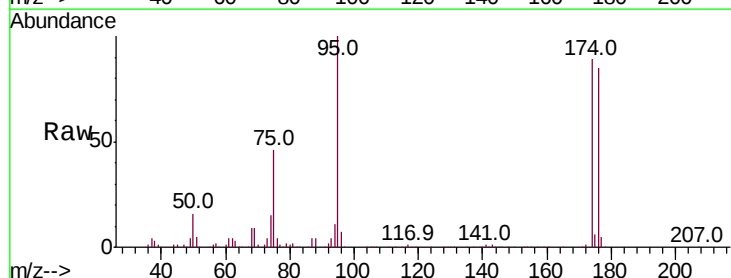
Tgt Ion: 95 Resp: 305990

Ion Ratio Lower Upper

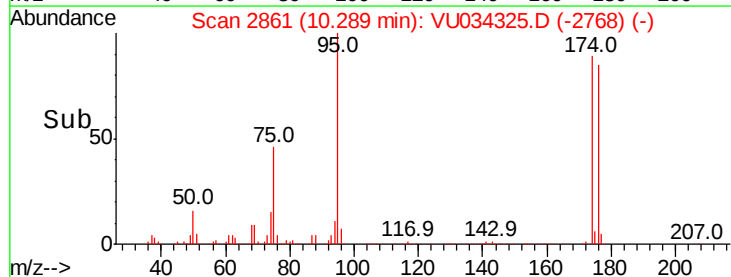
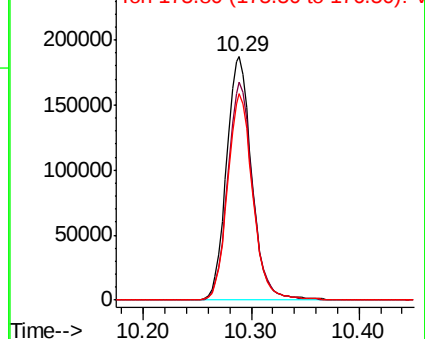
95 100

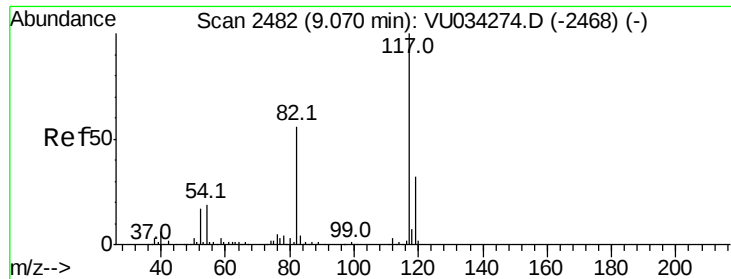
174 88.7 0.0 175.2

176 84.3 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

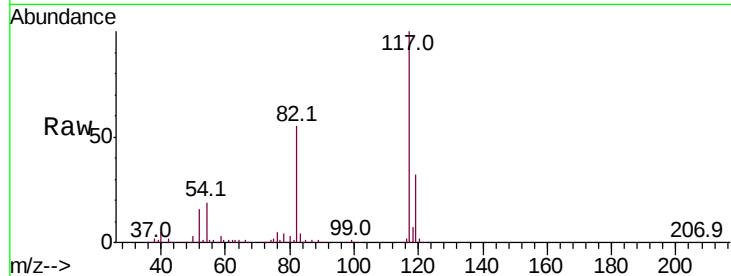




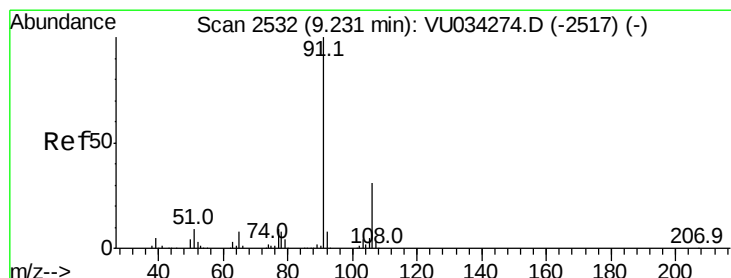
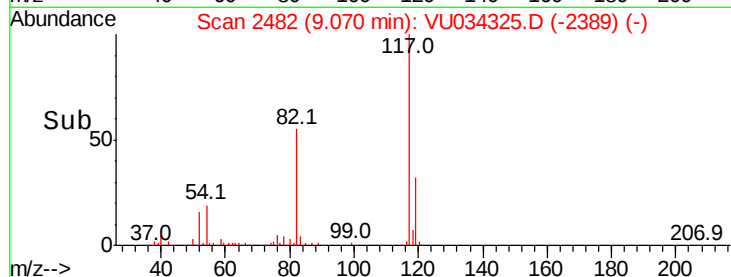
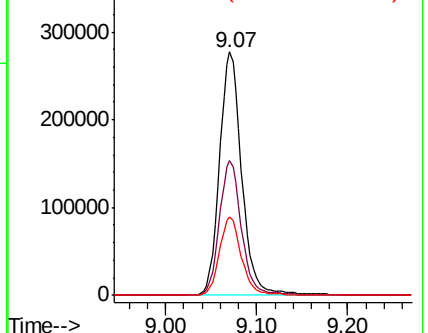
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 470666
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.2 25.9 38.9

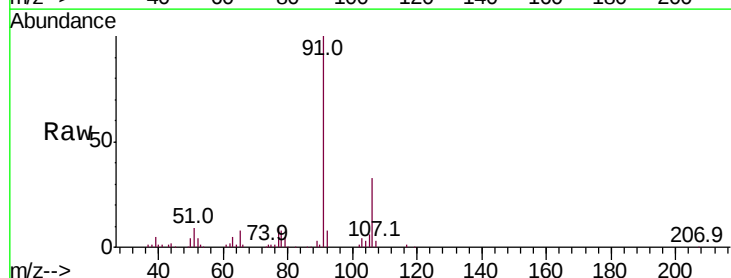


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

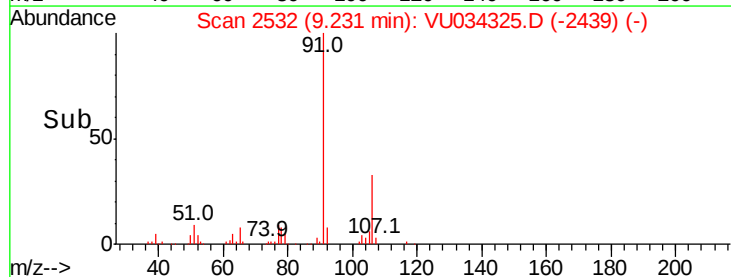
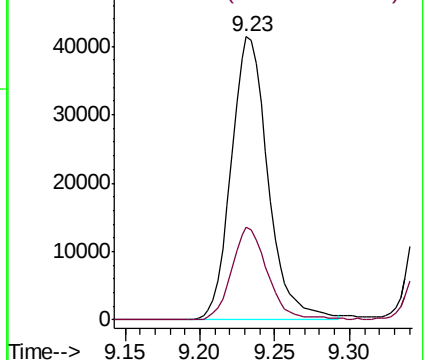


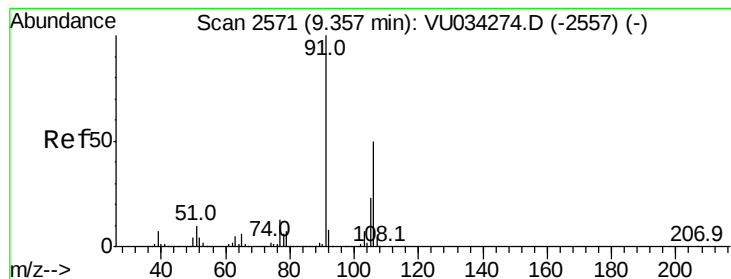
#67
Ethyl Benzene
Concen: 3.635 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Tgt Ion: 91 Resp: 70977
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2



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





#68

m/p-Xylenes

Concen: 4.385 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

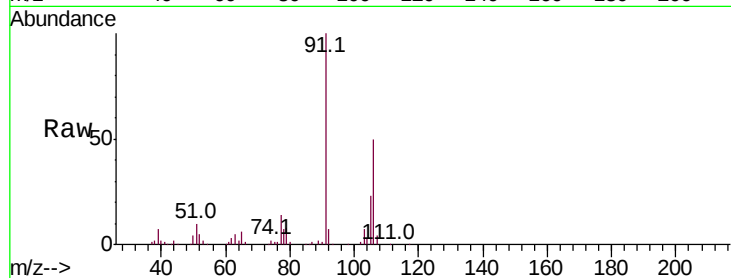
ClientSampleId :

Tot Ion:106 Resp: 32240

Ion Ratio Lower Upper

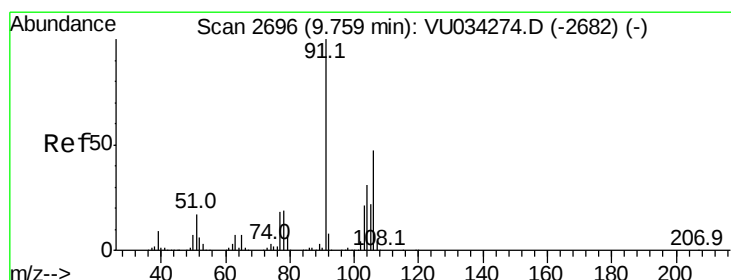
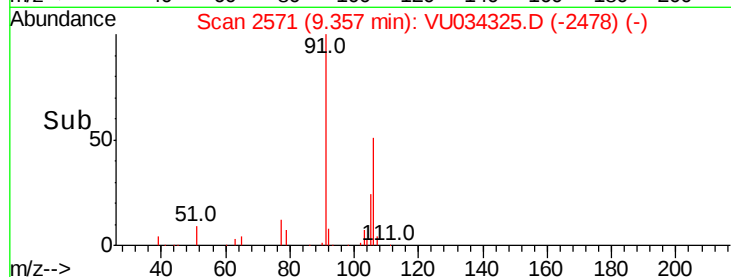
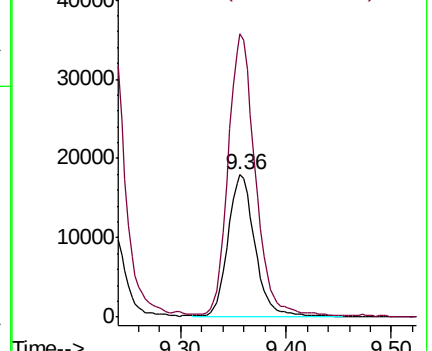
106 100

91 195.5 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 3.455 ug/l

RT: 9.76 min Scan# 2697

Delta R.T. 0.00 min

Lab File: VU034325.D

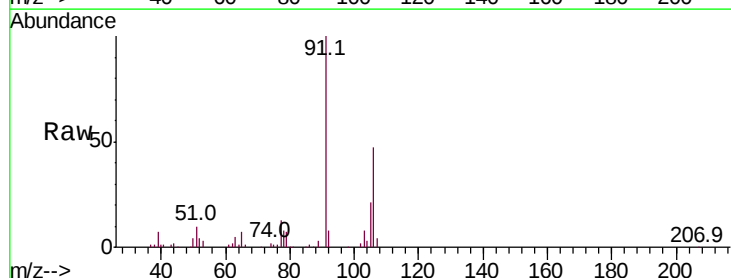
Acq: 06 Sep 2019 13:05

Tgt Ion:106 Resp: 24843

Ion Ratio Lower Upper

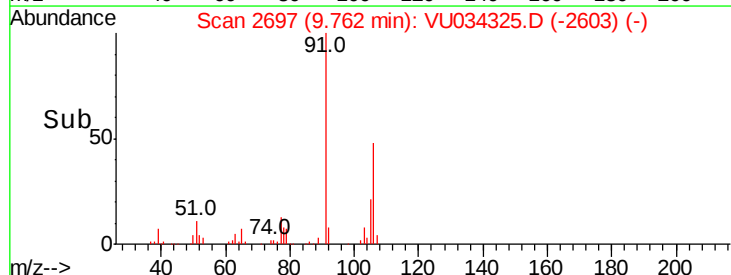
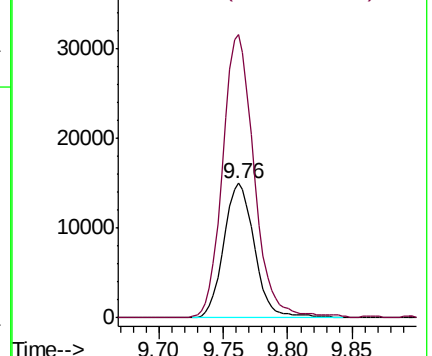
106 100

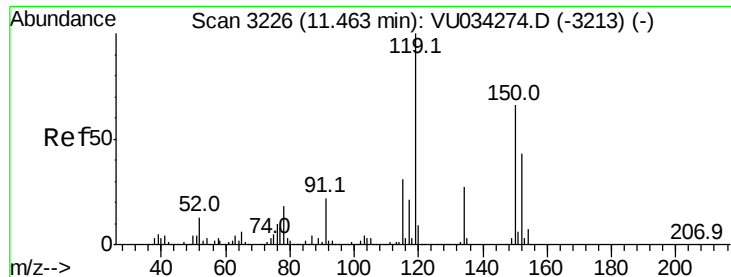
91 215.0 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



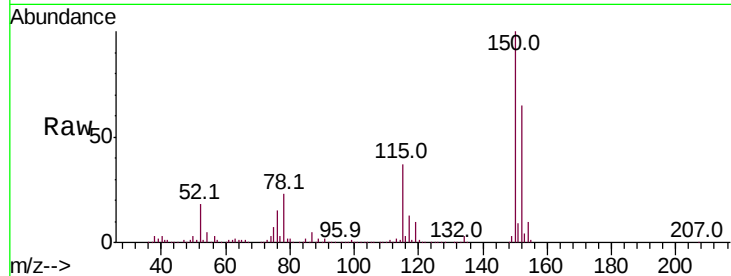


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.1	117.3
150	157.4	0.0	345.4

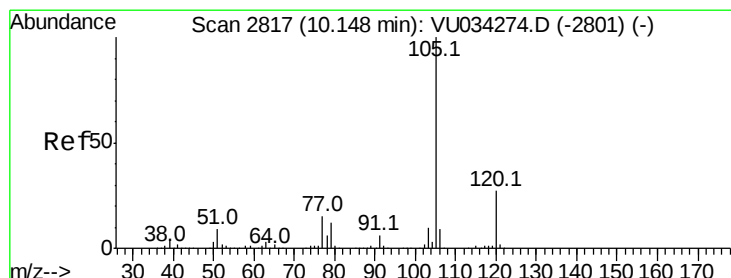
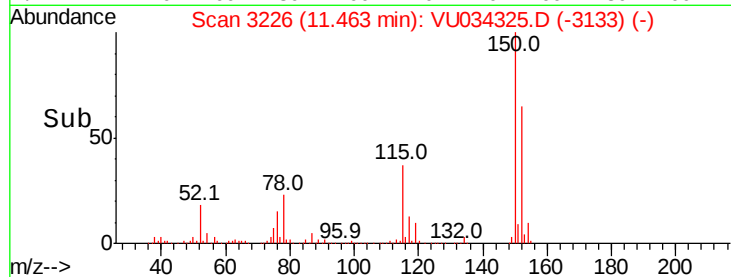
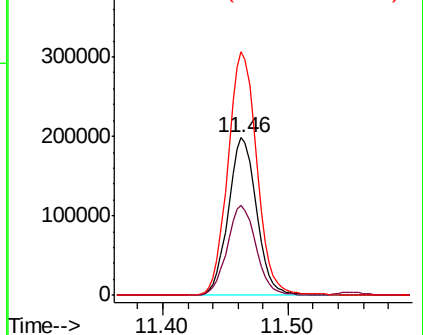


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

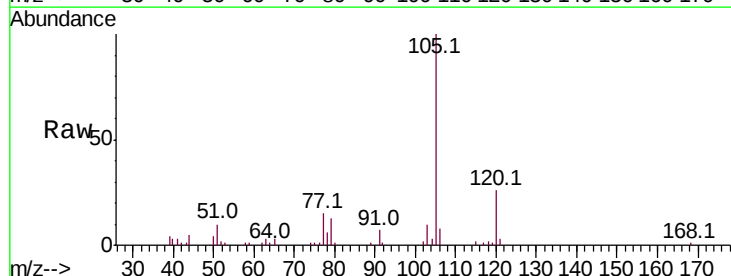
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.372 ug/l
RT: 10.15 min Scan# 2817
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

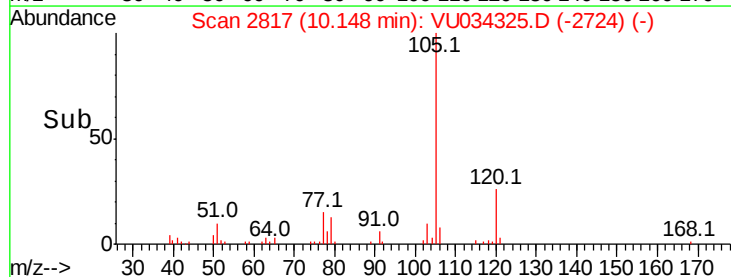
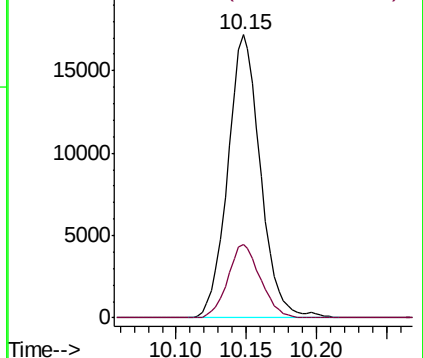
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.4	40.2

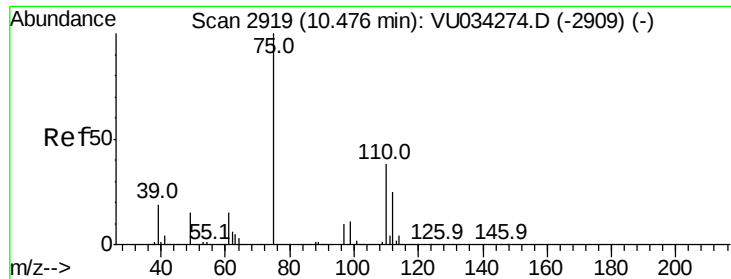


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 20.701 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

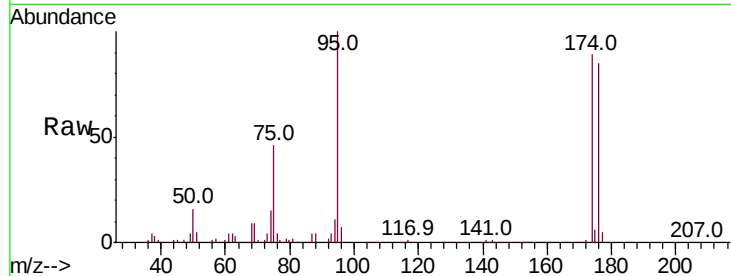
ClientSampleId :

Tot Ion: 75 Resp: 140978

Ion Ratio Lower Upper

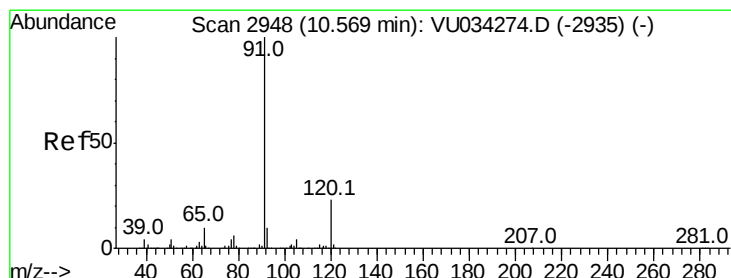
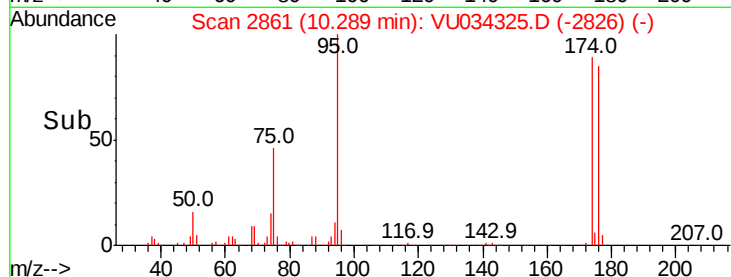
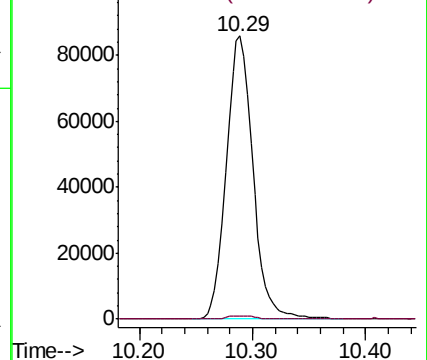
75 100

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



#78

n-propylbenzene

Concen: 0.689 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034325.D

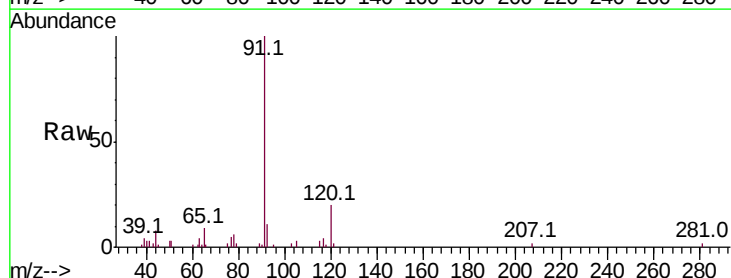
Acq: 06 Sep 2019 13:05

Tgt Ion: 91 Resp: 16148

Ion Ratio Lower Upper

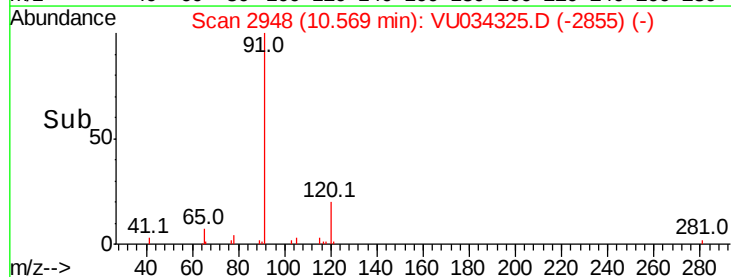
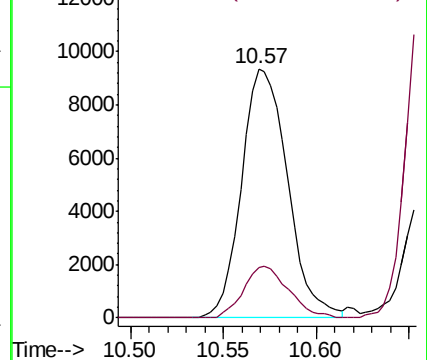
91 100

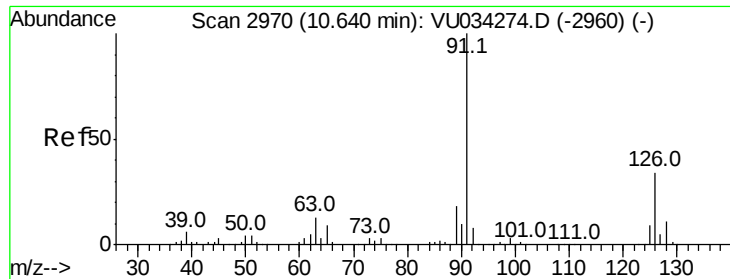
120 20.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

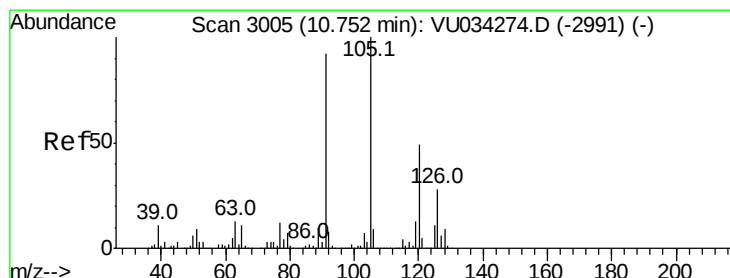
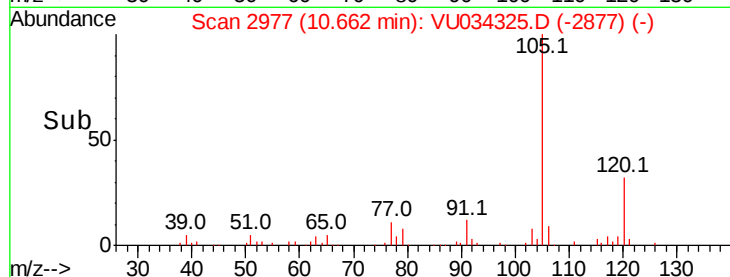
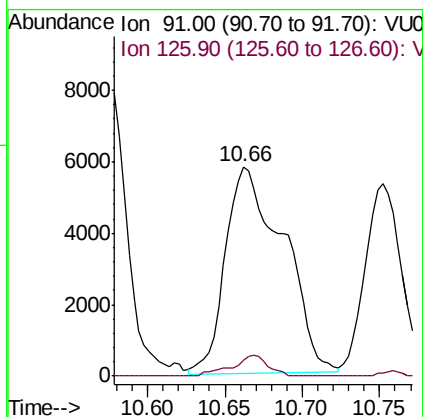
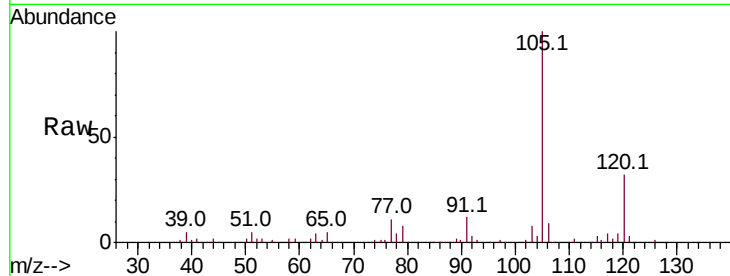




#79
 2-Chlorotoluene
 Concen: 1.057 ug/l
 RT: 10.66 min Scan# 2977
 Delta R.T. 0.02 min
 Lab File: VU034325.D
 Acq: 06 Sep 2019 13:05

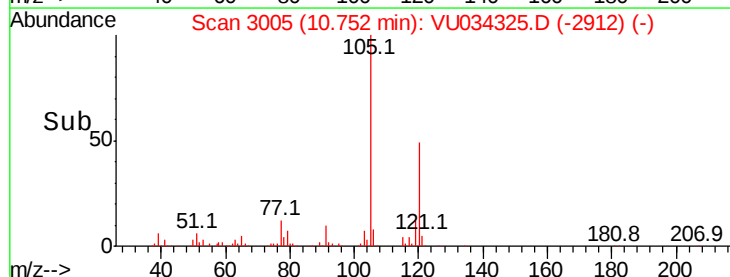
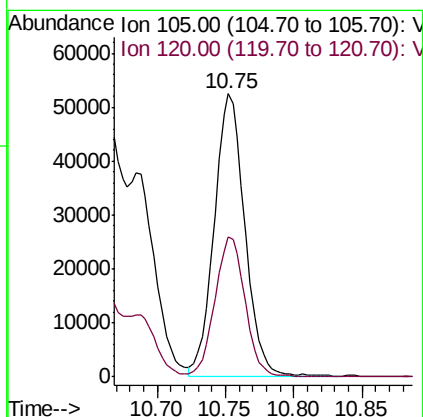
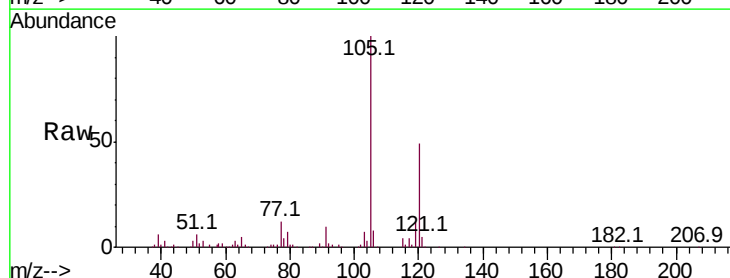
Instrument :
 MSVOA_U
 ClientSampled :

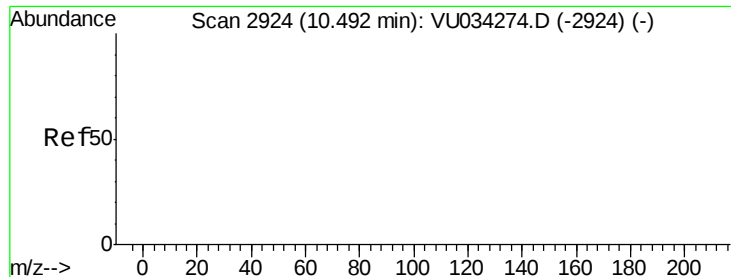
Tot Ion: 91 Resp: 15130
 Ion Ratio Lower Upper
 91 100
 126 6.3 17.3 51.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.758 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: VU034325.D
 Acq: 06 Sep 2019 13:05

Tgt Ion: 105 Resp: 80789
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.7

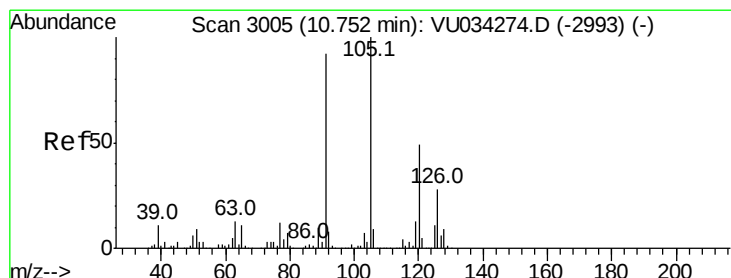
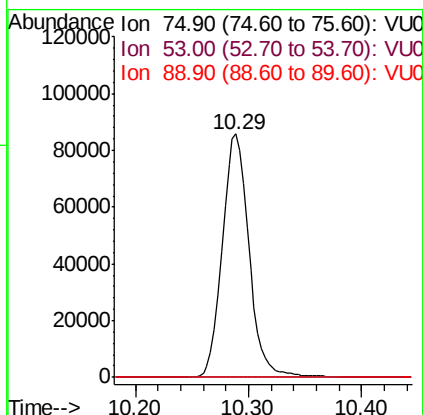
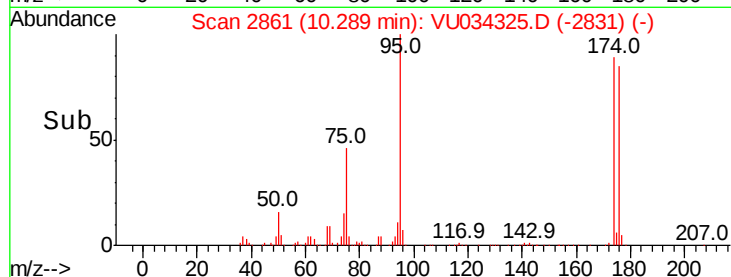
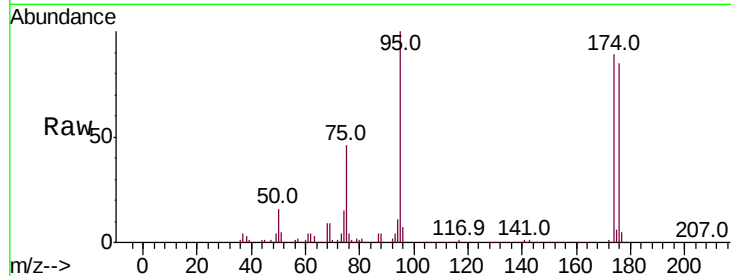




#81
trans-1,4-Dichloro-2-butene
Concen: 69.616 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.20 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

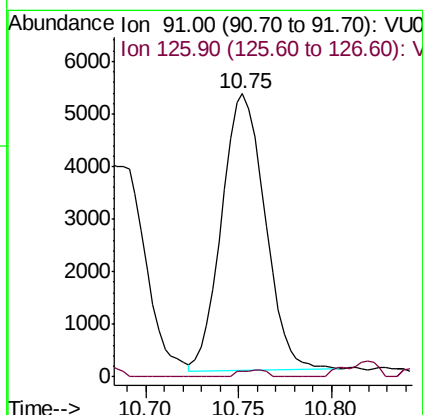
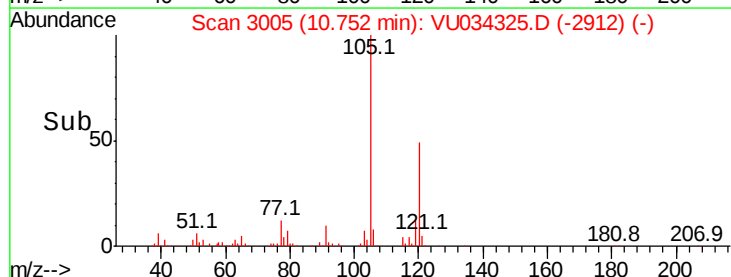
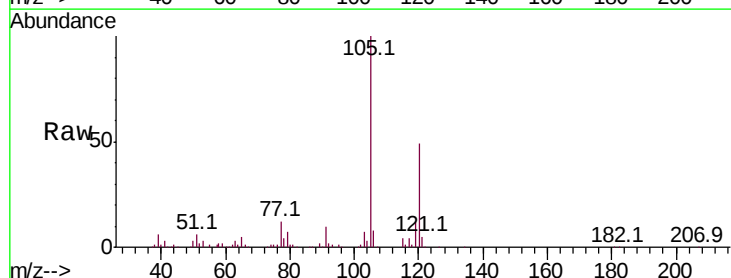
Instrument :
MSVOA_U
ClientSampled :

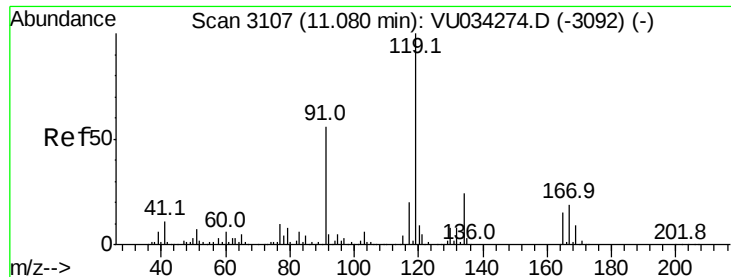
Tot Ion: 75 Resp: 140978
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.519 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Tgt Ion: 91 Resp: 8552
Ion Ratio Lower Upper
91 100
126 1.6 15.3 45.8#





#83

tert-Butylbenzene

Concen: 1.745 ug/l

RT: 11.13 min Scan# 3122

Delta R.T. 0.05 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

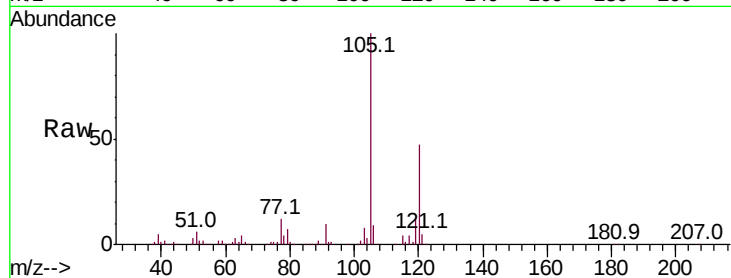
Tot Ion:119 Resp: 29638

Ion Ratio Lower Upper

119 100

91 82.6 27.8 83.4

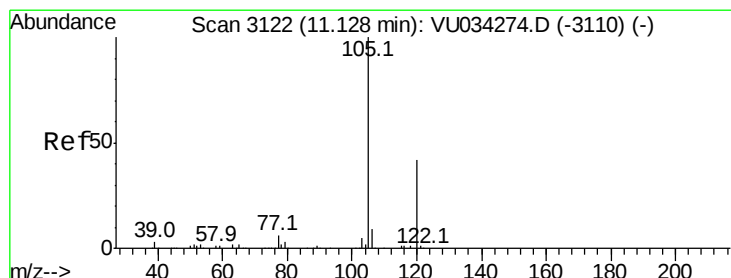
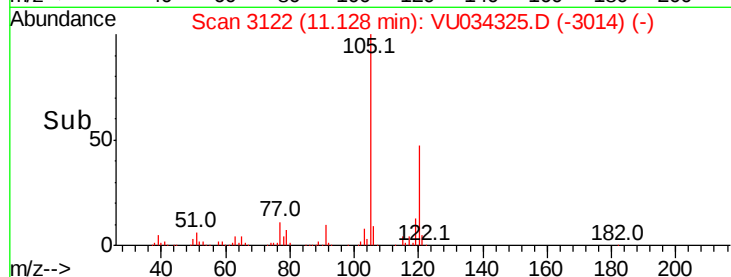
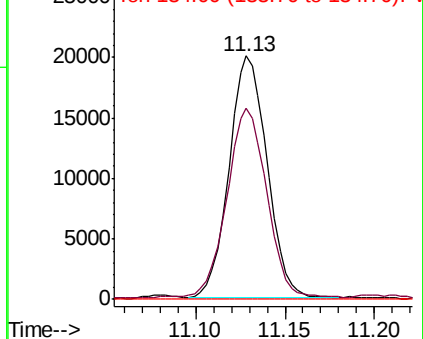
134 0.0 11.7 35.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 14.237 ug/l

RT: 11.13 min Scan# 3122

Delta R.T. -0.00 min

Lab File: VU034325.D

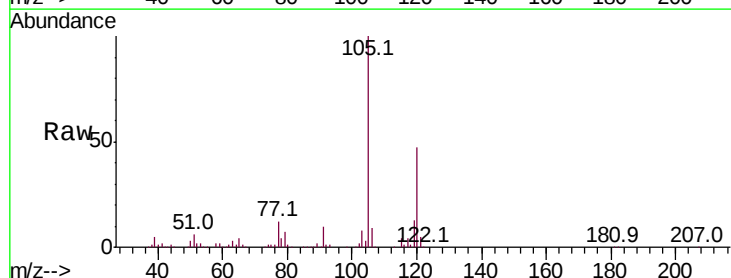
Acq: 06 Sep 2019 13:05

Tgt Ion:105 Resp: 243359

Ion Ratio Lower Upper

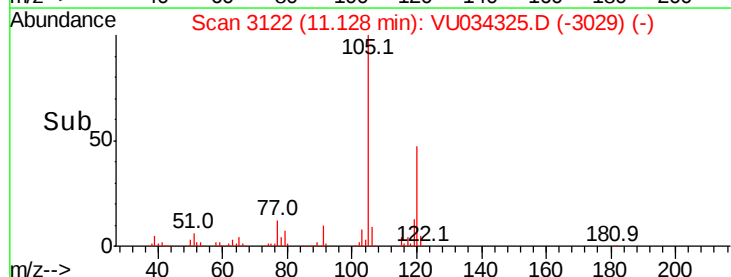
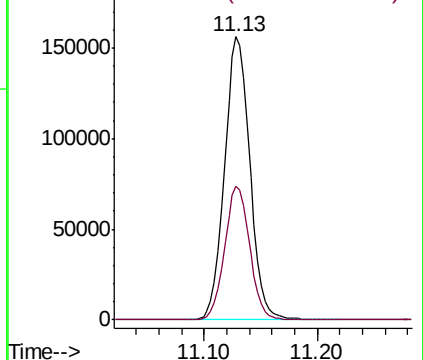
105 100

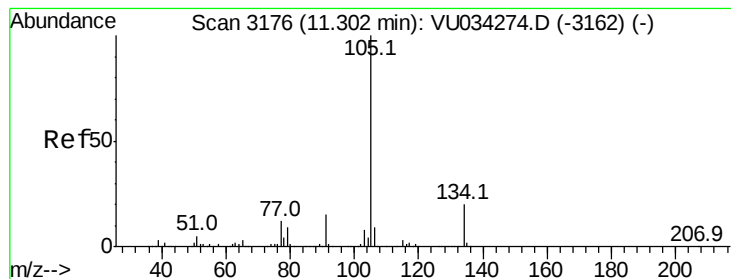
120 46.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.135 ug/l

RT: 11.13 min Scan# 3122

Delta R.T. -0.17 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

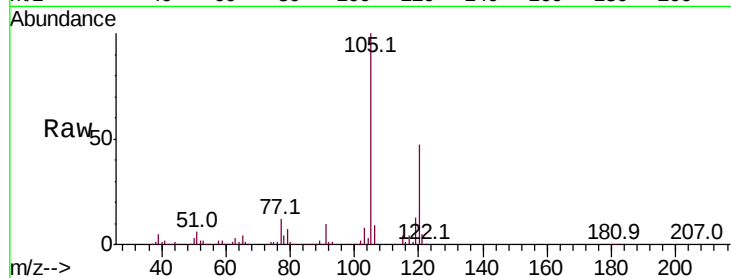
ClientSampled :

Tot Ion:105 Resp: 243359

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.13

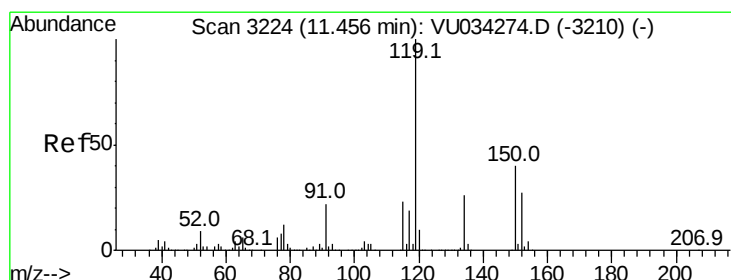
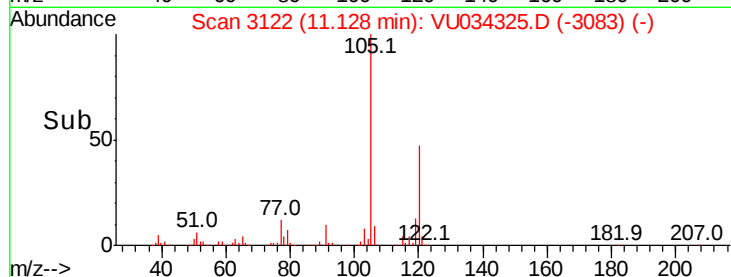
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 3.066 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. -0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

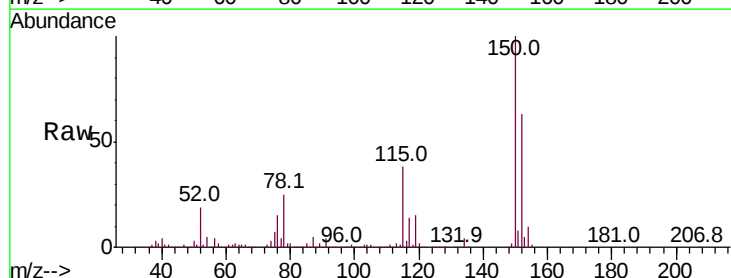
Tgt Ion:119 Resp: 56749

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.4 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.46

50000

40000

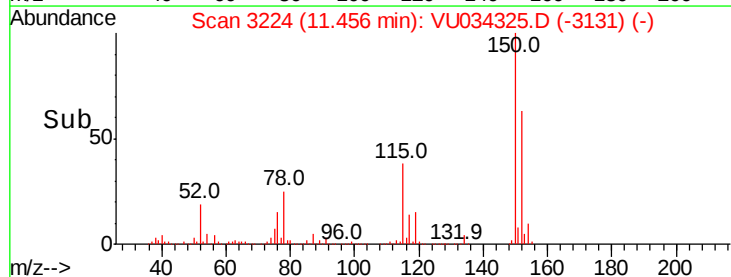
30000

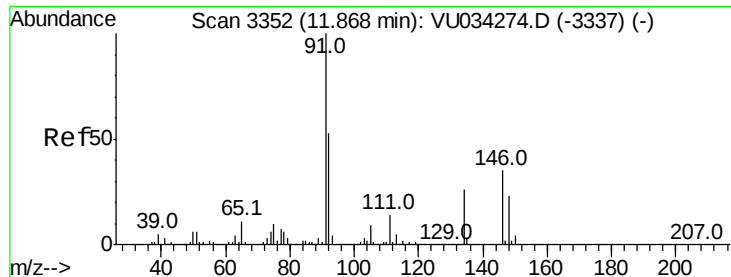
20000

10000

0

Time-->

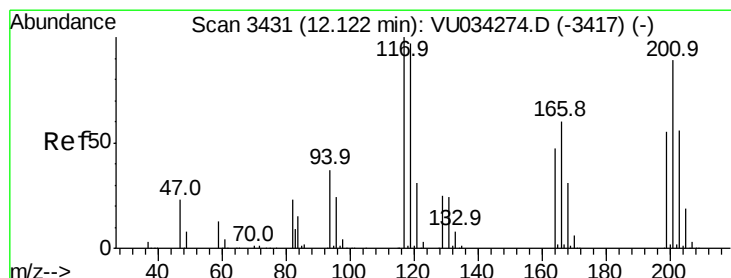
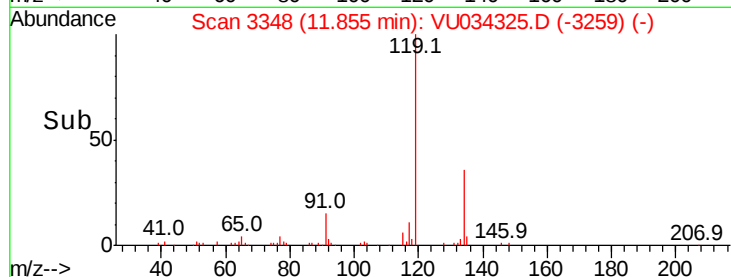
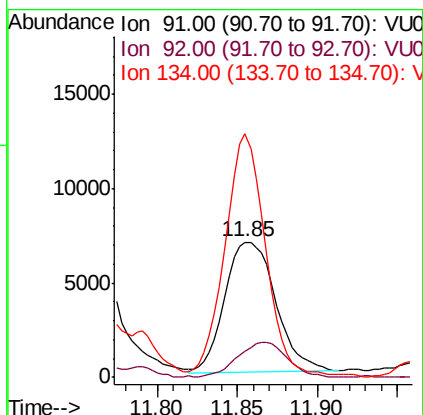
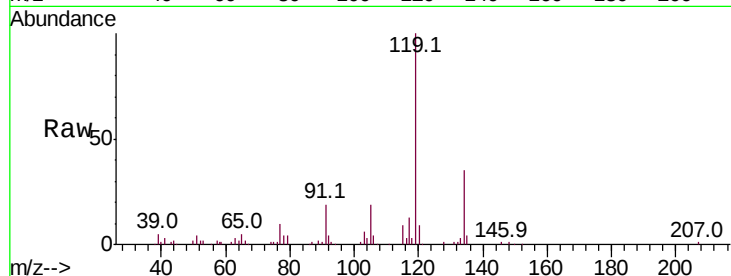




#89
n-Butylbenzene
Concen: 0.943 ug/l
RT: 11.85 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

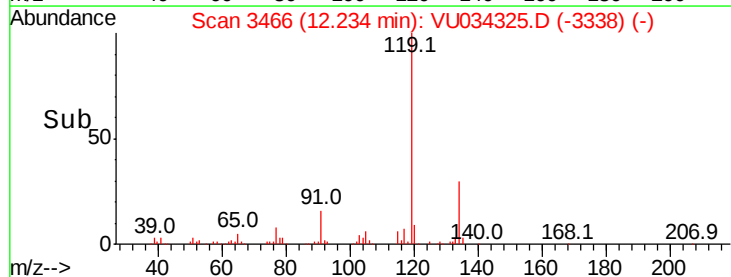
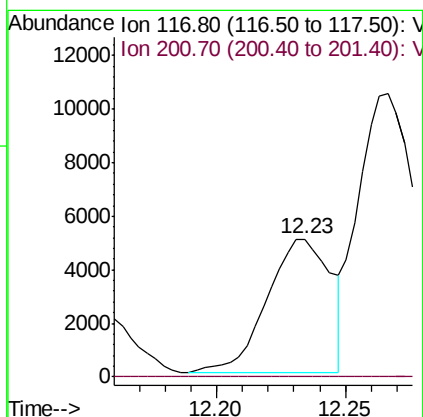
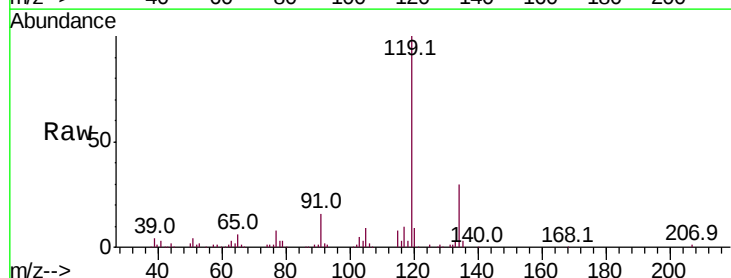
Instrument :
MSVOA_U
ClientSampleId :

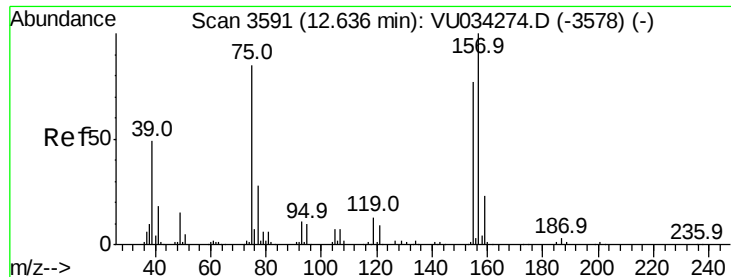
Tot Ion: 91 Resp: 15164
Ion Ratio Lower Upper
91 100
92 26.3 26.5 79.4#
134 148.4 13.2 39.6#



#90
Hexachloroethane
Concen: 2.894 ug/l
RT: 12.23 min Scan# 3466
Delta R.T. 0.11 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Tgt Ion: 117 Resp: 8571
Ion Ratio Lower Upper
117 100
201 0.0 44.1 132.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.292 ug/l

RT: 12.63 min Scan# 3588

Delta R.T. -0.01 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

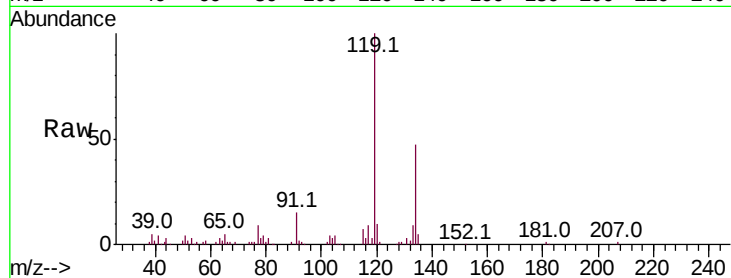
Tot Ion: 75 Resp: 441

Ion Ratio Lower Upper

75 100

155 0.0 44.6 134.0#

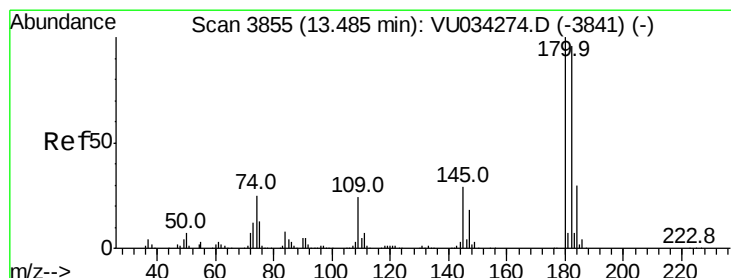
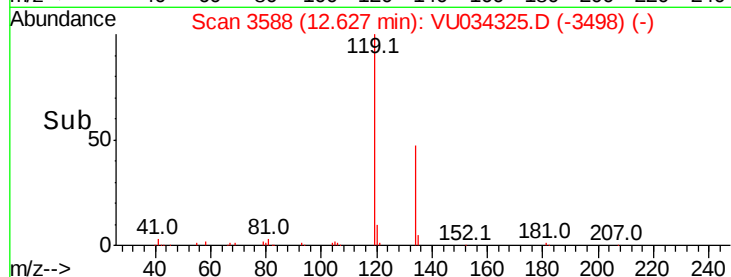
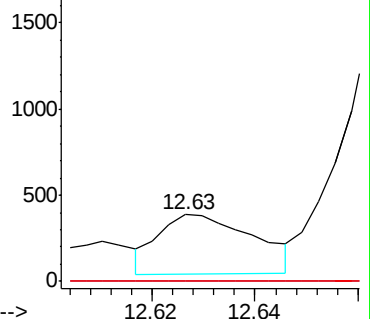
157 0.0 58.2 174.6#



Abundance Ion 74.90 (74.60 to 75.60): VU034274.D (-3578) (-)

Ion 154.80 (154.50 to 155.50): VU034274.D (-3578) (-)

Ion 156.80 (156.50 to 157.50): VU034274.D (-3578) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.601 ug/l

RT: 13.49 min Scan# 3856

Delta R.T. 0.00 min

Lab File: VU034325.D

Acq: 06 Sep 2019 13:05

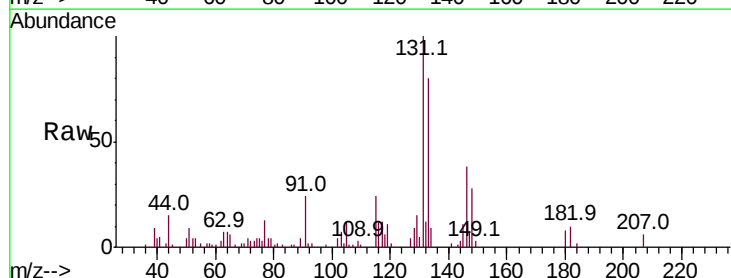
Tgt Ion:180 Resp: 1187

Ion Ratio Lower Upper

180 100

182 117.9 47.9 143.8

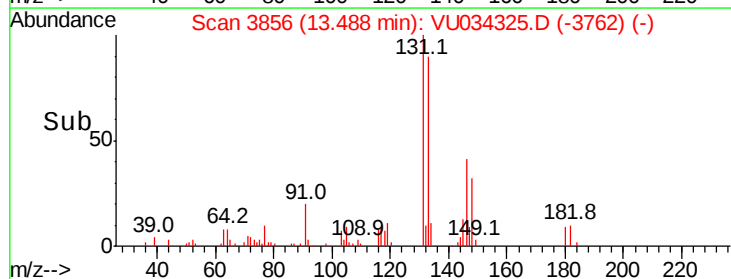
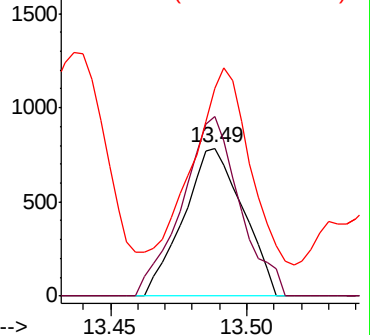
145 169.8 14.4 43.0#

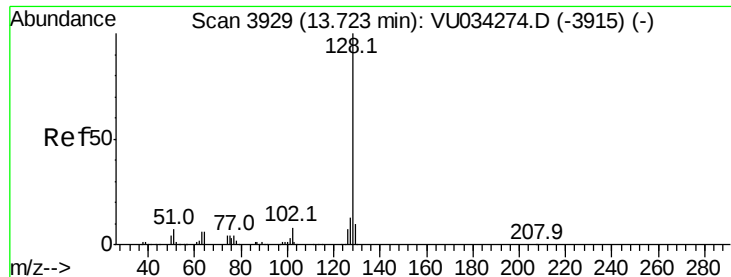


Abundance Ion 179.80 (179.50 to 180.50): VU034274.D (-3841) (-)

Ion 181.80 (181.50 to 182.50): VU034274.D (-3841) (-)

Ion 144.80 (144.50 to 145.50): VU034274.D (-3841) (-)

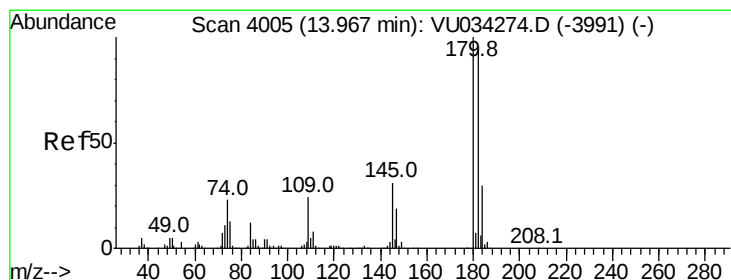
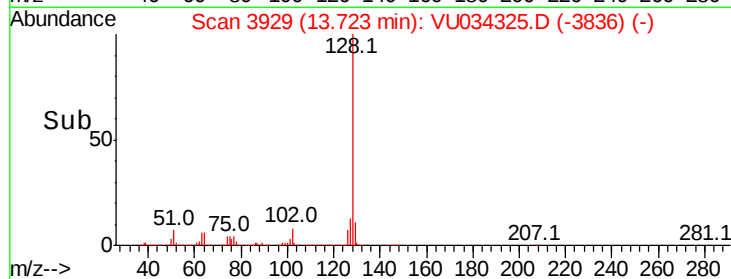
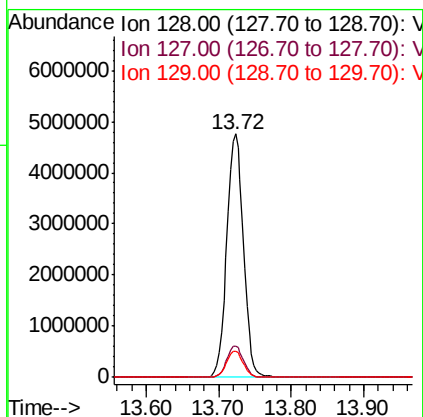
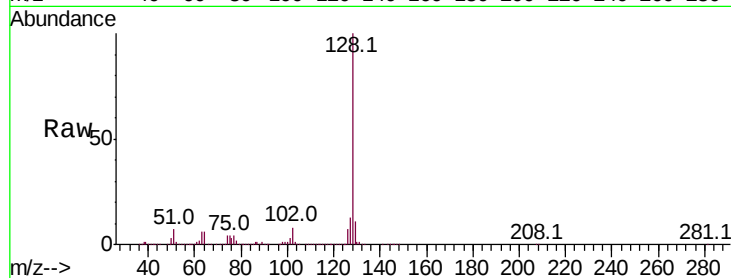




#95
Naphthalene
Concen: 339.247 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 7572294
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.760 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034325.D
Acq: 06 Sep 2019 13:05

Tgt Ion:180 Resp: 914
Ion Ratio Lower Upper
180 100
182 98.1 48.4 145.0
145 1343.5 15.4 46.4#

