

Data File : VU028928.D
Acq On : 22 Dec 2018 20:38
Operator : MD/SY
Sample : J6426-15MEDL 100X
Misc : 4.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01MEDL

Quant Time: Jan 05 06:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	187793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	308081	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	120807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	108243	37.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.54%	
35) Dibromofluoromethane	4.88	113	96392	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	7.56	98	381076	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	10.30	95	127724	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

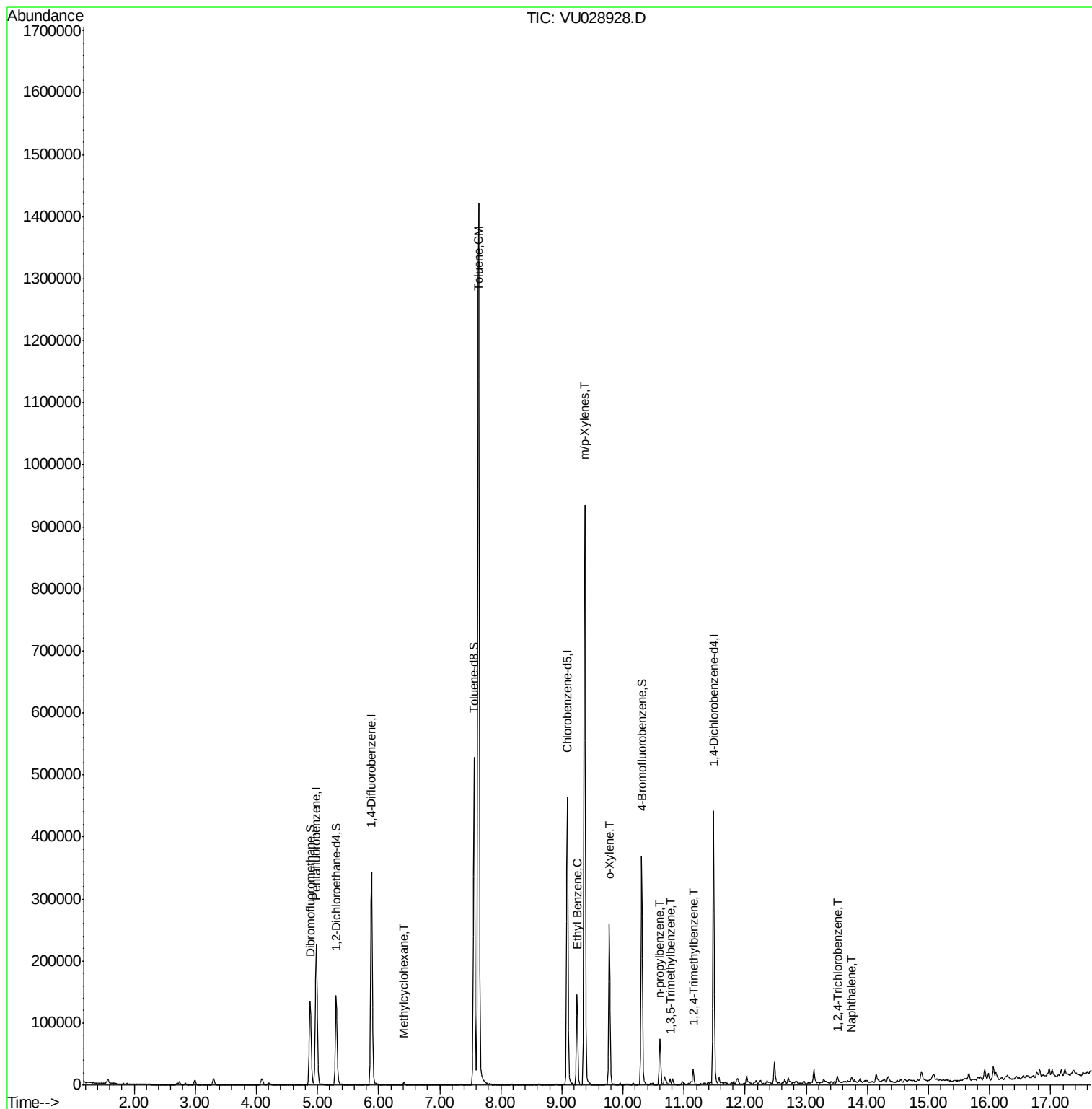
						Qvalue
39) Methylcyclohexane	6.41	83	2157	0.524	ug/l	89
52) Toluene	7.64	92	625638	107.065	ug/l	100
67) Ethyl Benzene	9.25	91	110127	10.174	ug/l	98
68) m/p-Xylenes	9.37	106	279143	70.871	ug/l	95
69) o-Xylene	9.78	106	72250	18.876	ug/l	96
78) n-propylbenzene	10.59	91	3257	0.283	ug/l	96
80) 1,3,5-Trimethylbenzene	10.77	105	5260	0.685	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	13732	1.736	ug/l	98
93) 1,2,4-Trichlorobenzene	13.51	180	2885	1.851	ug/l	87
95) Naphthalene	13.75	128	8166	0.831	ug/l	99

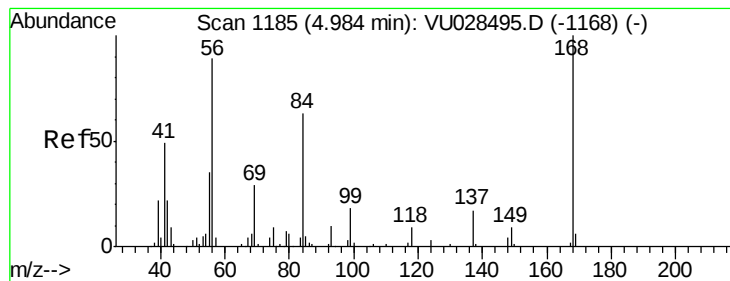
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

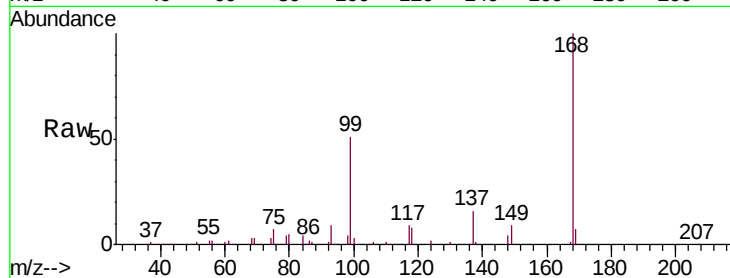
P001-SS013C-1824-01MEDL

Tgt Ion:168 Resp: 187793

Ion Ratio Lower Upper

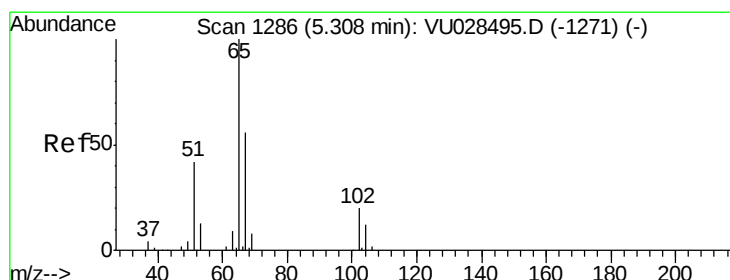
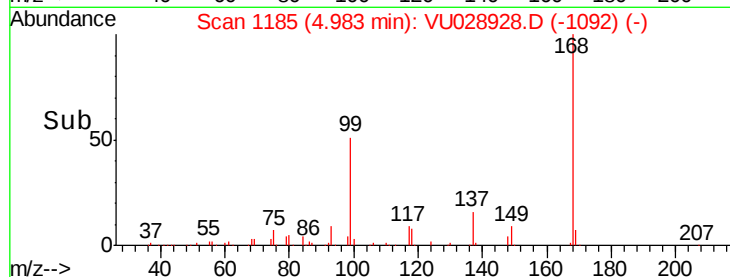
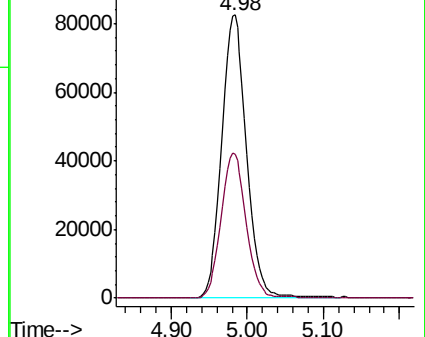
168 100

99 50.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028928.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028928.D (-1168) (-)



#33

1,2-Dichloroethane-d4

Concen: 37.770 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028928.D

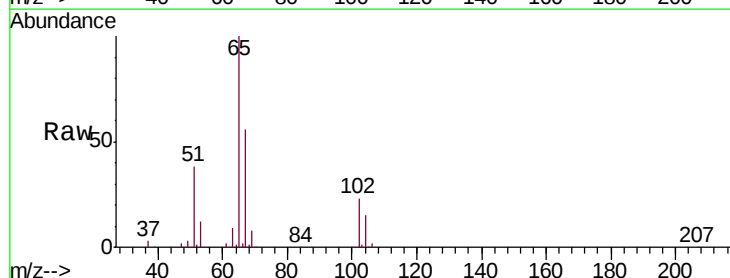
Acq: 22 Dec 2018 20:38

Tgt Ion: 65 Resp: 108243

Ion Ratio Lower Upper

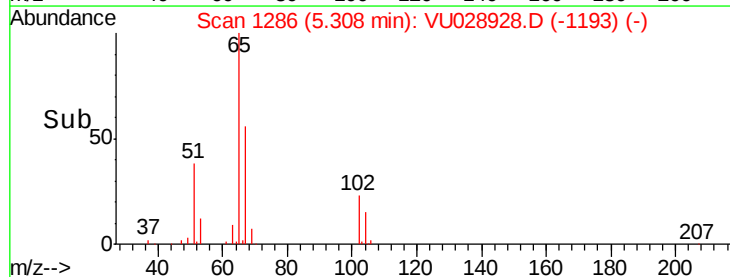
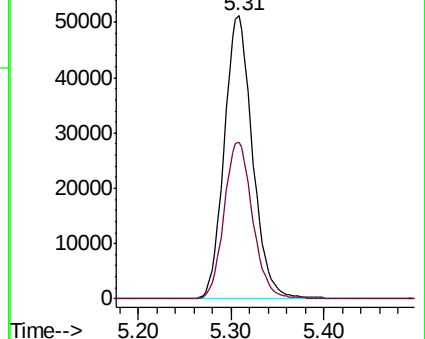
65 100

67 56.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028928.D (-1193) (-)

Ion 66.90 (66.60 to 67.60): VU028928.D (-1193) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01MEDL

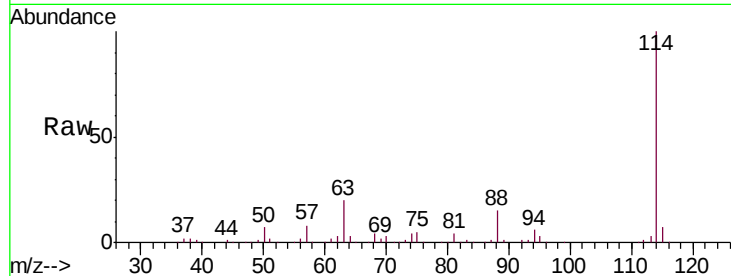
Tgt Ion:114 Resp: 308081

Ion Ratio Lower Upper

114 100

63 19.7 0.0 49.2

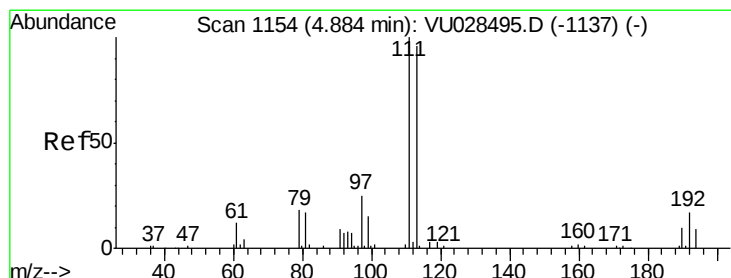
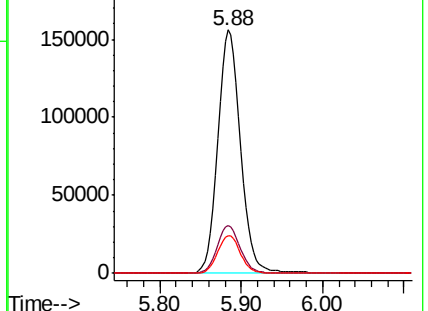
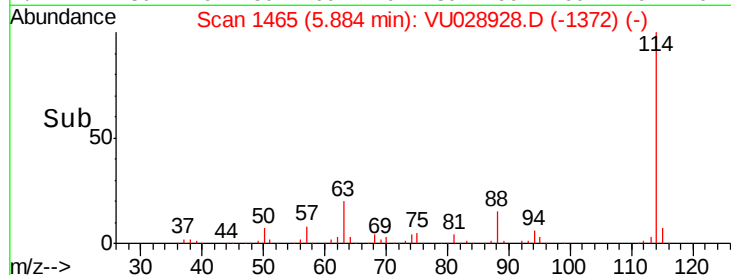
88 15.4 0.0 33.4



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: 49.718 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

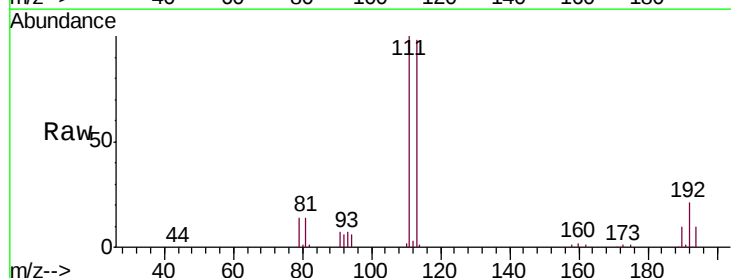
Tgt Ion:113 Resp: 96392

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

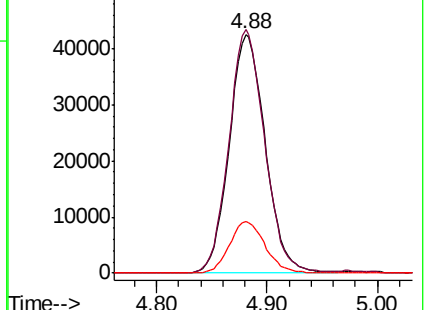
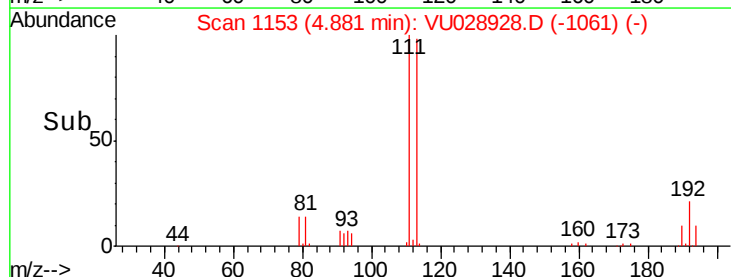
192 21.3 14.8 22.2

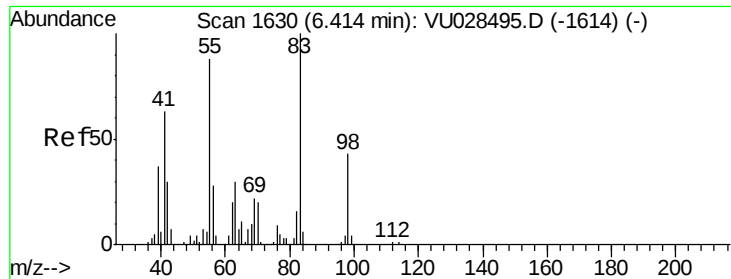


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

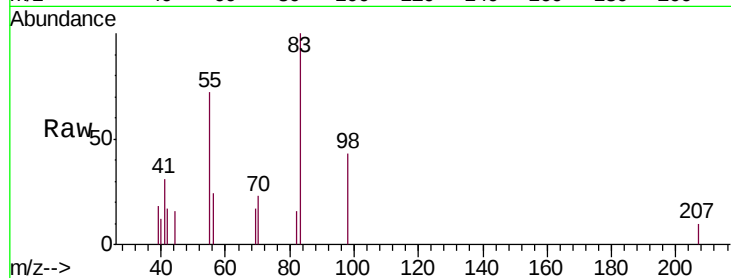




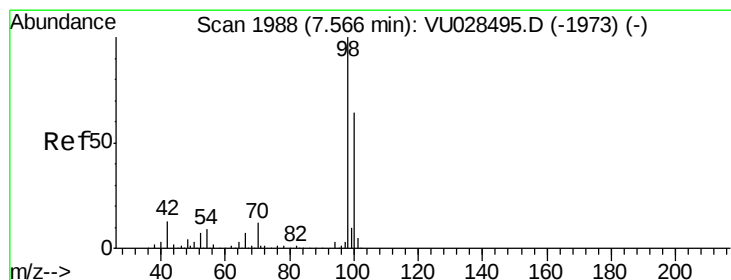
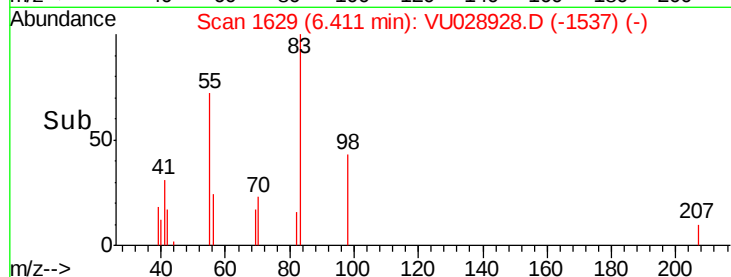
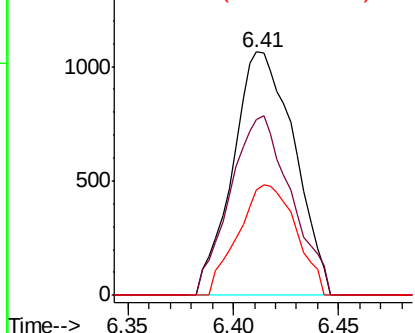
#39
Methylcyclohexane
Concen: 0.524 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01MEDL

Tgt Ion: 83 Resp: 2157
Ion Ratio Lower Upper
83 100
55 72.5 70.2 105.2
98 43.1 34.2 51.4

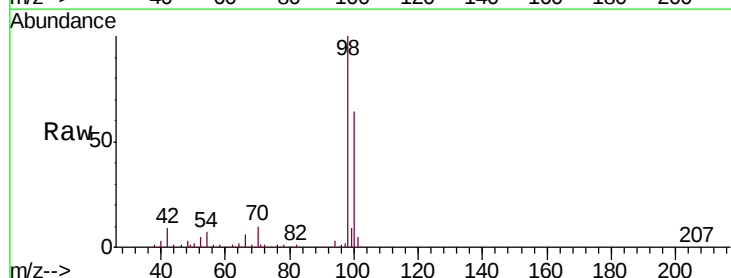


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

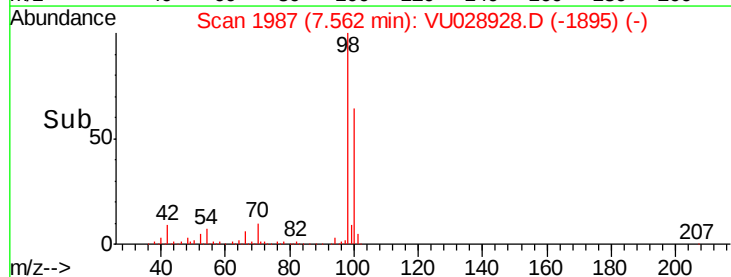
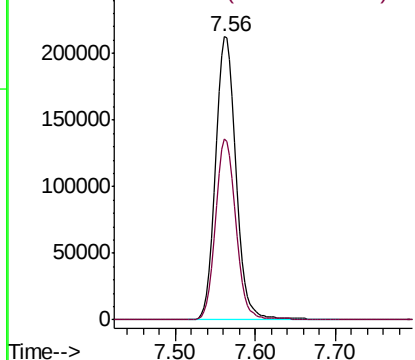


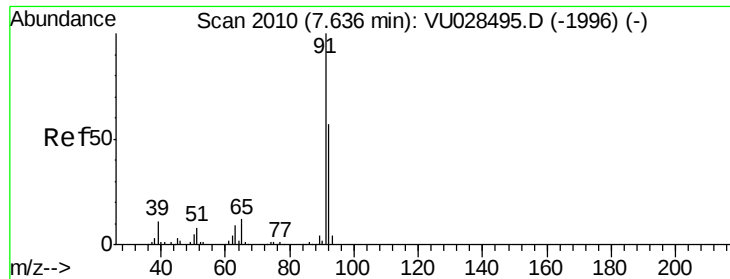
#50
Toluene-d8
Concen: 49.688 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

Tgt Ion: 98 Resp: 381076
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



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





#52

Toluene

Concen: 107.065 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

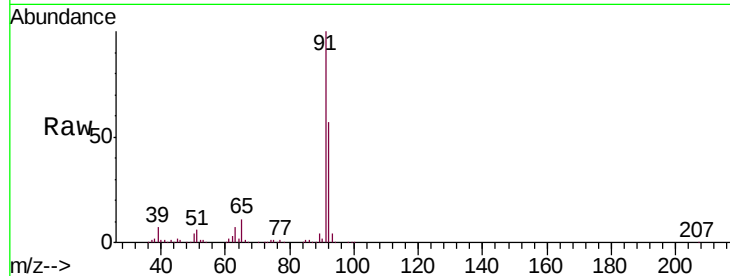
P001-SS013C-1824-01MEDL

Tgt Ion: 92 Resp: 625638

Ion Ratio Lower Upper

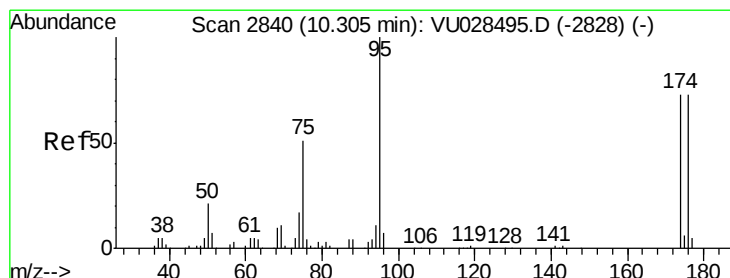
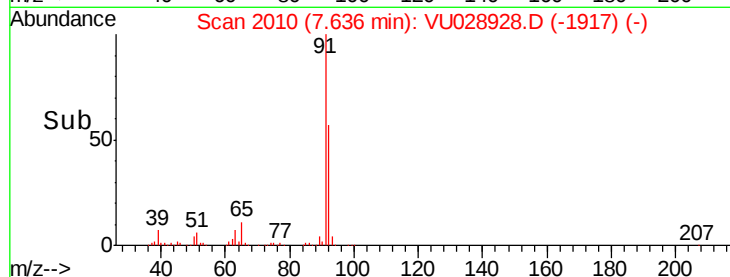
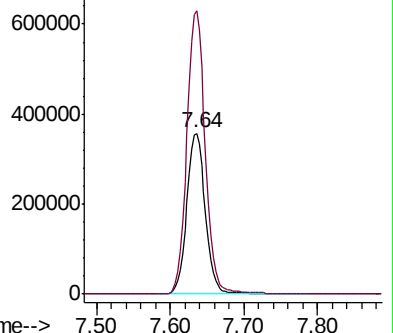
92 100

91 174.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.557 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

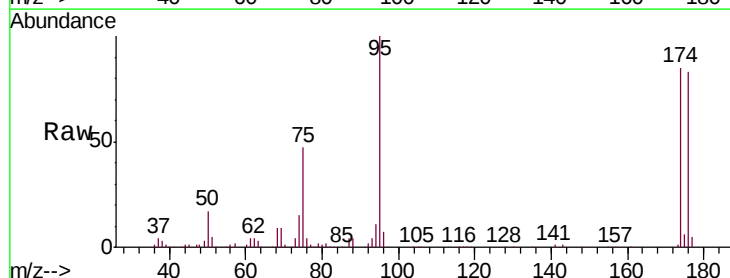
Tgt Ion: 95 Resp: 127724

Ion Ratio Lower Upper

95 100

174 85.2 0.0 150.4

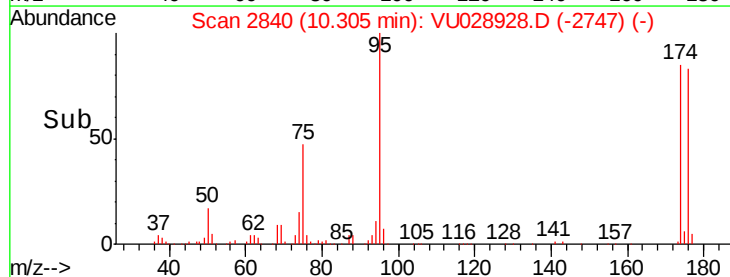
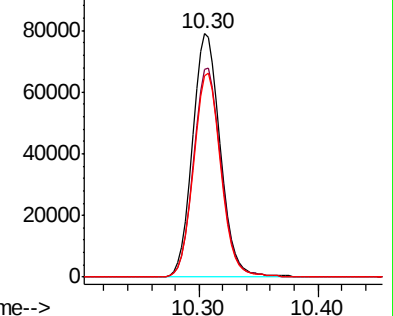
176 82.9 0.0 145.2

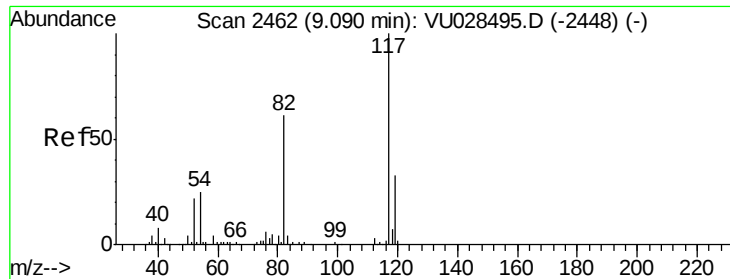


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

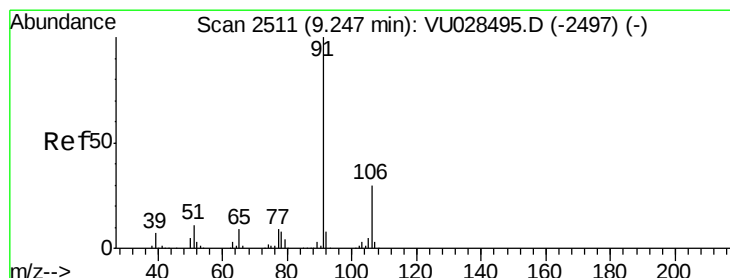
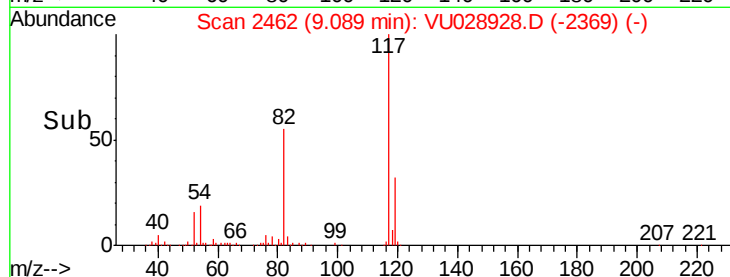
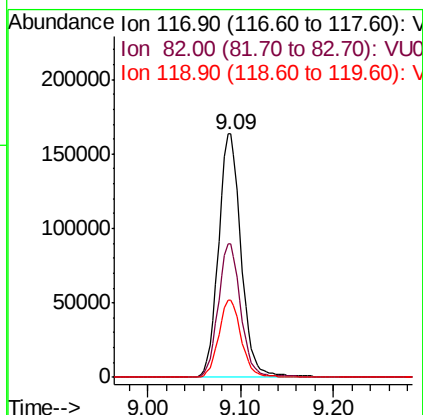
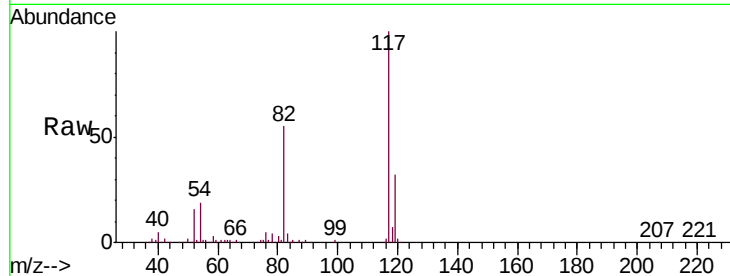




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

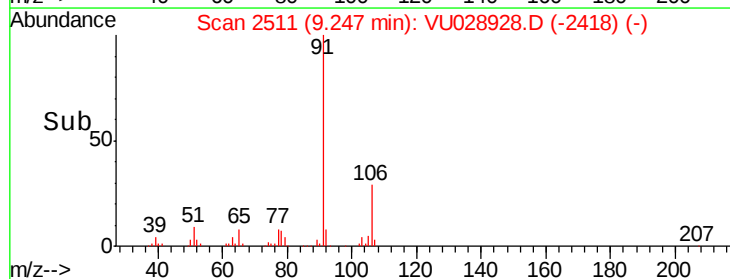
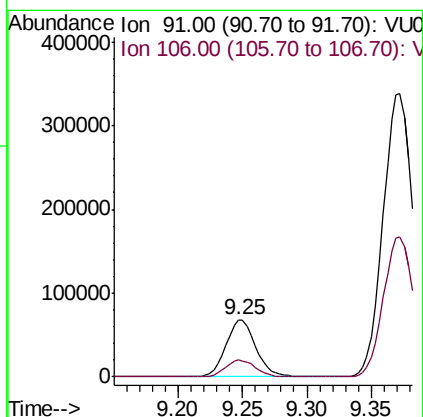
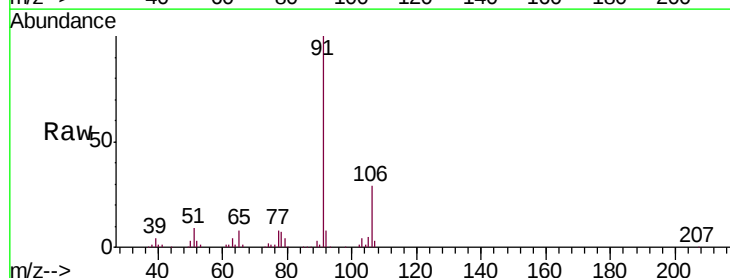
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01MEDL

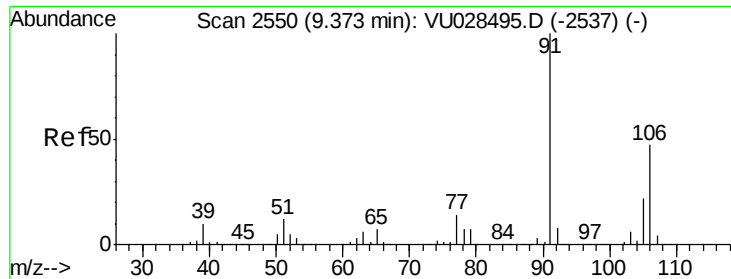
Tgt Ion: 117 Resp: 276326
Ion Ratio Lower Upper
117 100
82 54.7 48.9 73.3
119 31.9 26.2 39.4



#67
Ethyl Benzene
Concen: 10.174 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

Tgt Ion: 91 Resp: 110127
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1

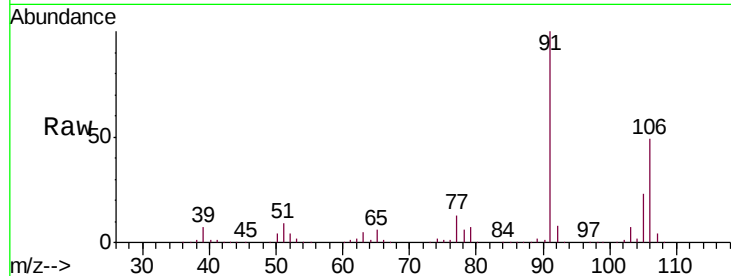




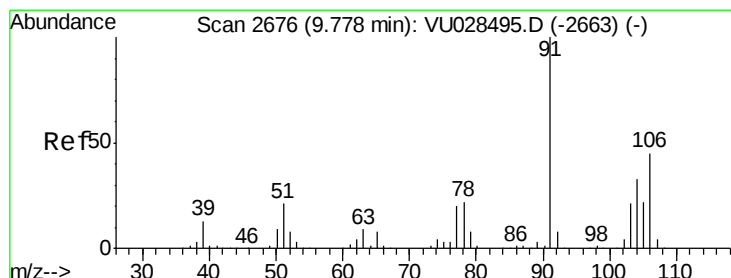
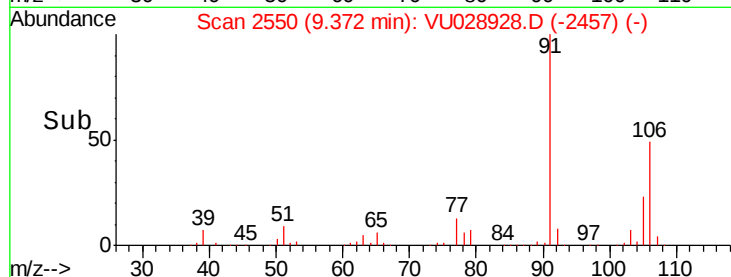
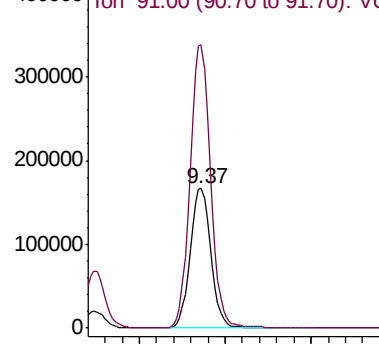
#68
m/p-Xylenes
Concen: 70.871 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01MEDL

Tgt Ion:106 Resp: 279143
Ion Ratio Lower Upper
106 100
91 201.4 167.4 251.0

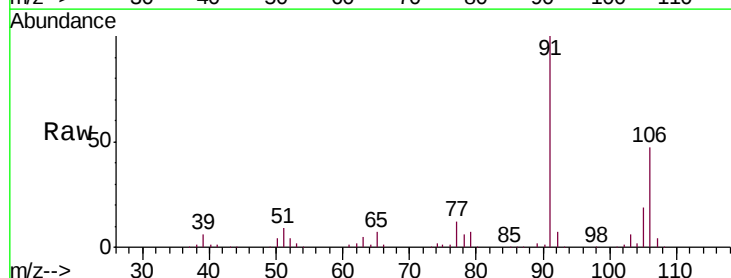


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

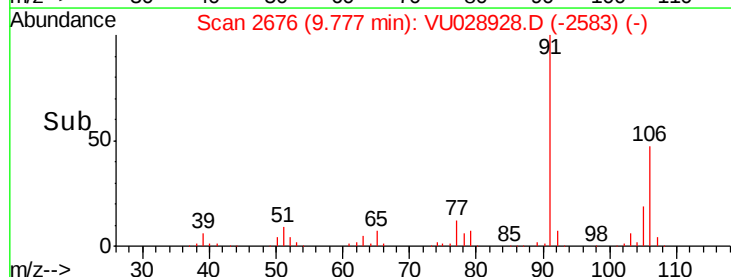
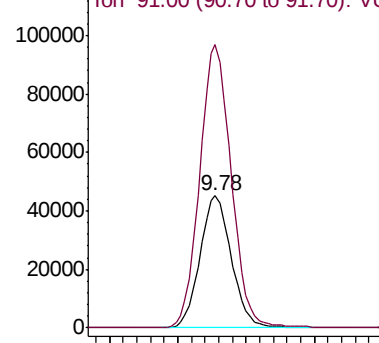


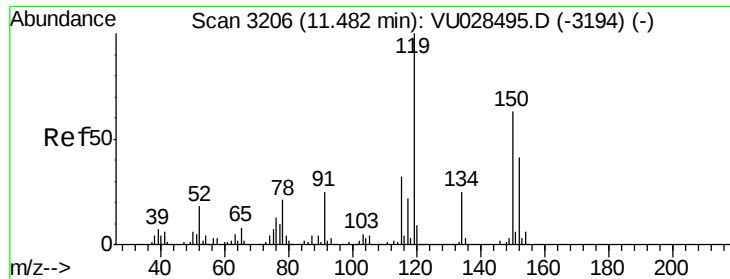
#69
o-Xylene
Concen: 18.876 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028928.D
Acq: 22 Dec 2018 20:38

Tgt Ion:106 Resp: 72250
Ion Ratio Lower Upper
106 100
91 216.0 111.3 334.0



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: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028928.D

Acq: 22 Dec 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01MEDL

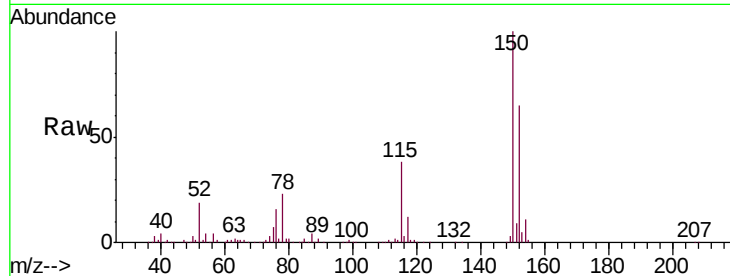
Tgt Ion:152 Resp: 120807

Ion Ratio Lower Upper

152 100

115 57.7 42.7 128.1

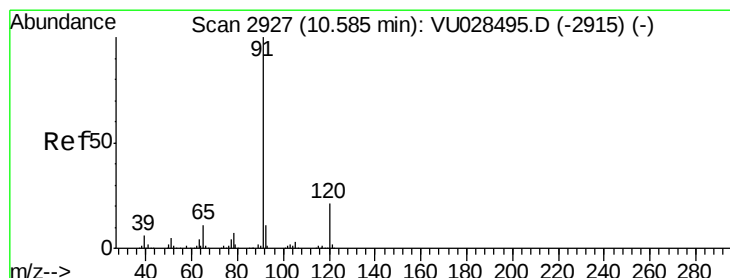
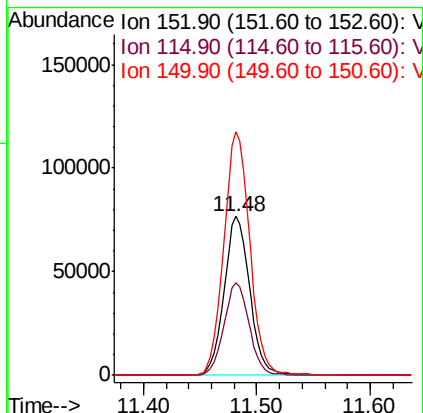
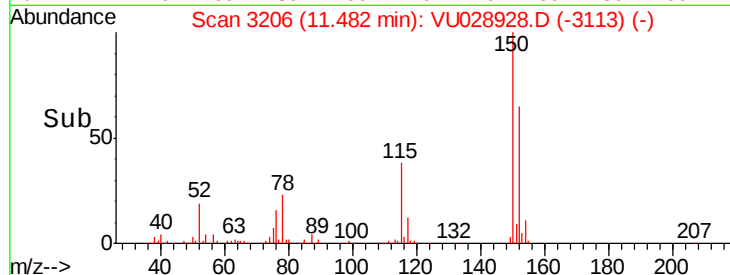
150 155.7 0.0 346.0



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



#78

n-propylbenzene

Concen: 0.283 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028928.D

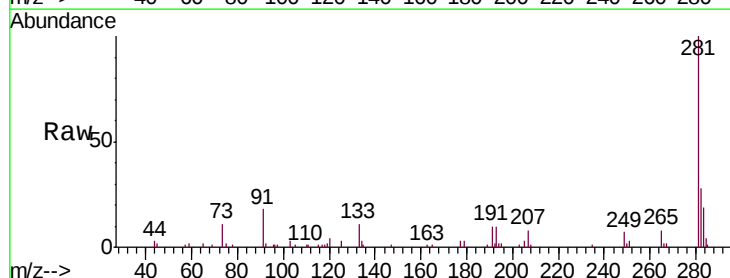
Acq: 22 Dec 2018 20:38

Tgt Ion: 91 Resp: 3257

Ion Ratio Lower Upper

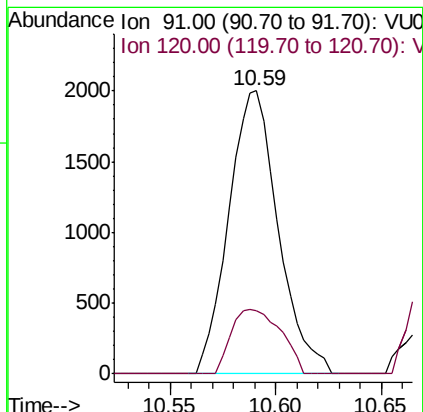
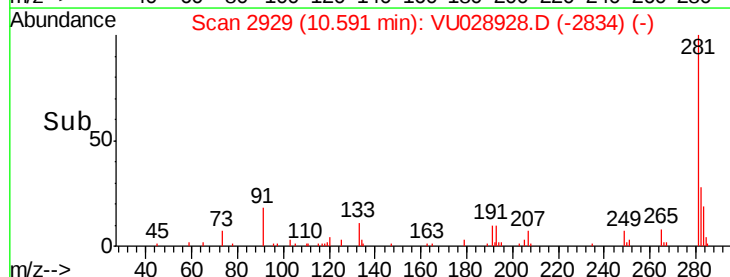
91 100

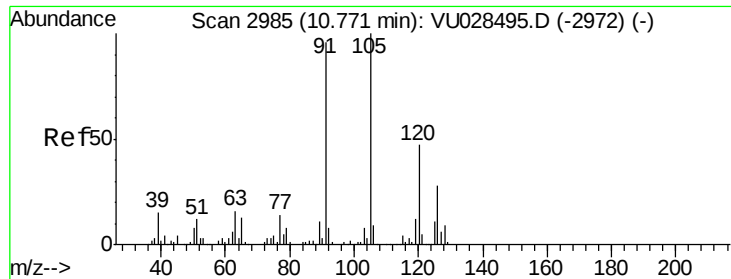
120 22.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

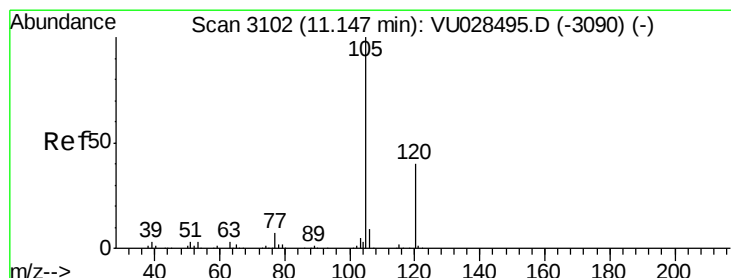
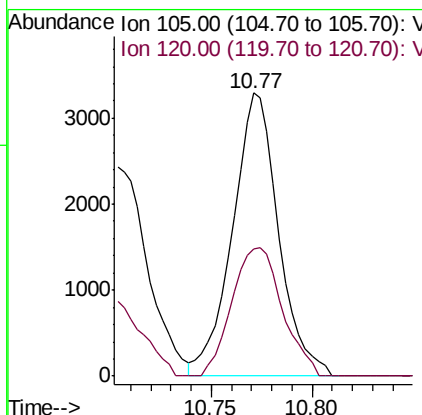
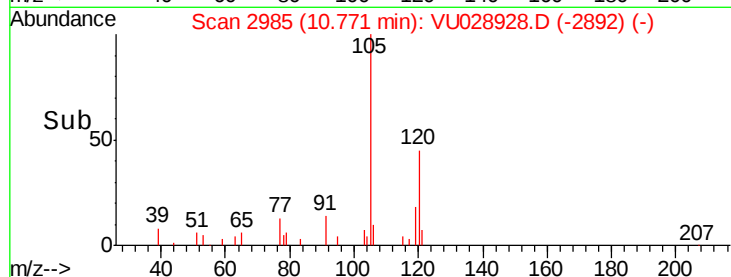
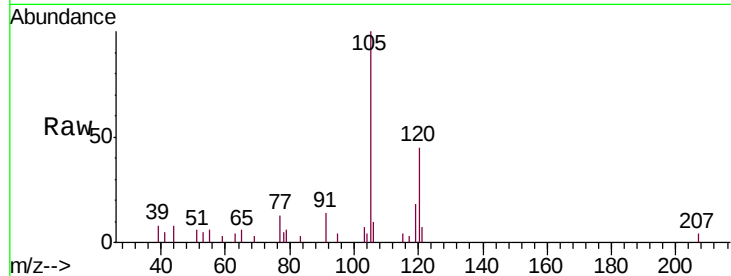




#80
 1,3,5-Trimethylbenzene
 Concen: 0.685 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028928.D
 Acq: 22 Dec 2018 20:38

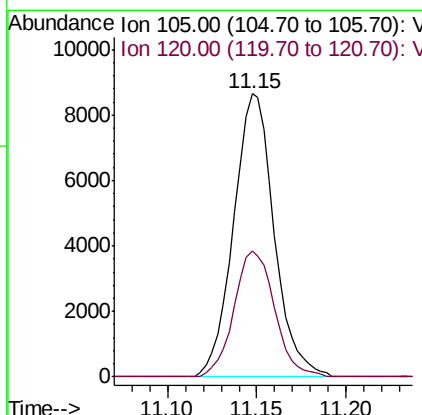
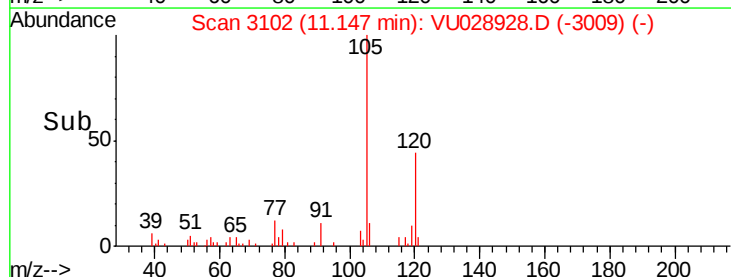
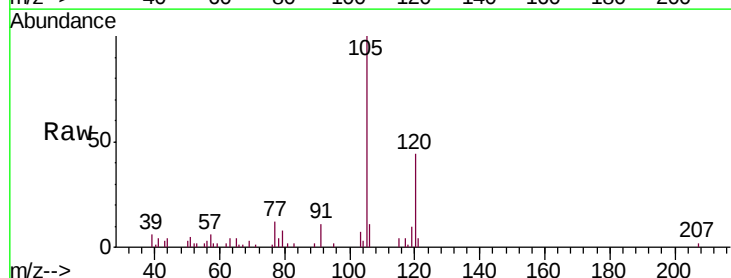
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01MEDL

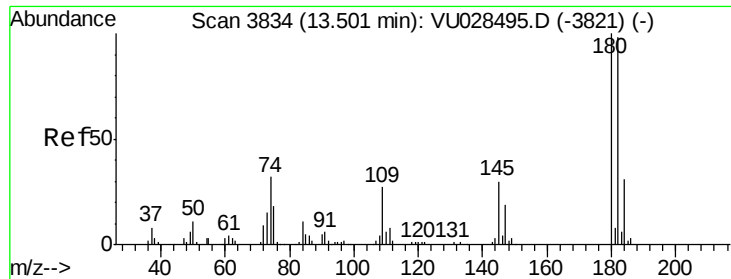
Tgt Ion:105 Resp: 5260
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.7 71.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.736 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028928.D
 Acq: 22 Dec 2018 20:38

Tgt Ion:105 Resp: 13732
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.4

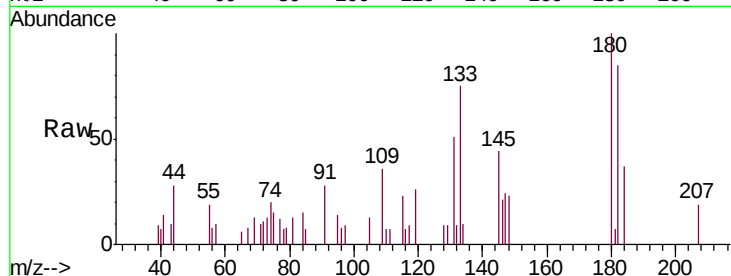




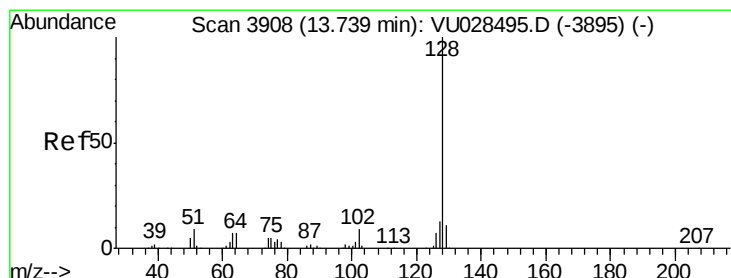
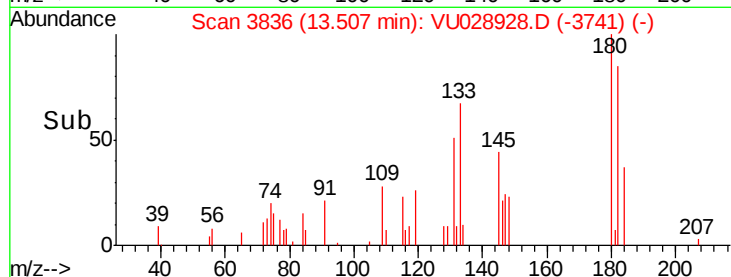
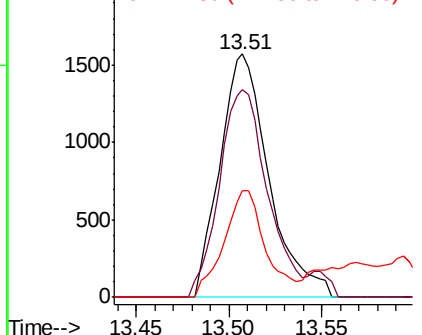
#93
 1,2,4-Trichlorobenzene
 Concen: 1.851 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU028928.D
 Acq: 22 Dec 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01MEDL

Tgt Ion:180 Resp: 2885
 Ion Ratio Lower Upper
 180 100
 182 83.6 47.9 143.8
 145 37.3 15.0 45.1

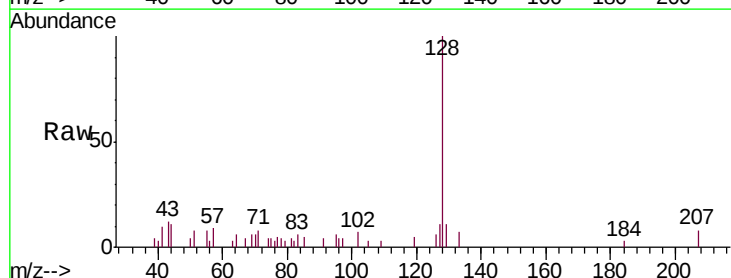


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.831 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: VU028928.D
 Acq: 22 Dec 2018 20:38

Tgt Ion:128 Resp: 8166
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.5 8.6 13.0



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

