

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052524.D
 Acq On : 28 Nov 2018 17:15
 Operator : MD\SY
 Sample : J6065-02DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 USTS-1-2-3DL

Quant Time: Nov 29 01:12:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

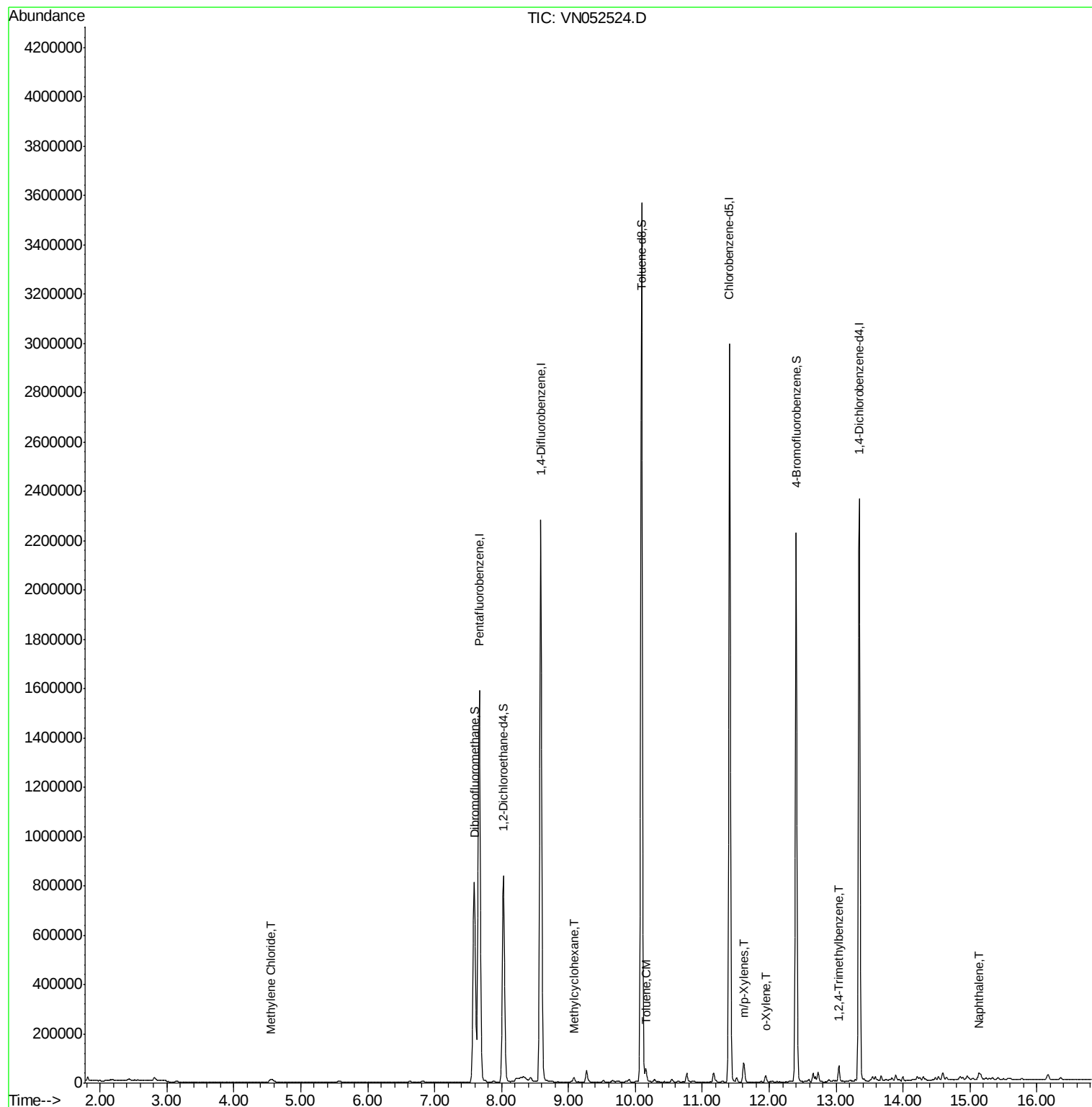
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1411199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2130017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1806347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	700028	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.59	113	641221	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.09	98	2561200	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	793673	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
Target Compounds						
20) Methylene Chloride	4.56	84	9667	0.610	ug/l	89
39) Methylcyclohexane	9.08	83	7223	0.295	ug/l	94
52) Toluene	10.16	92	19147	0.538	ug/l	94
68) m/p-Xylenes	11.62	106	26750	1.102	ug/l	99
69) o-Xylene	11.95	106	7151	0.303	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	37612	0.878	ug/l	99
95) Naphthalene	15.14	128	18713	4.106	ug/l #	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052524.D

Acq: 28 Nov 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

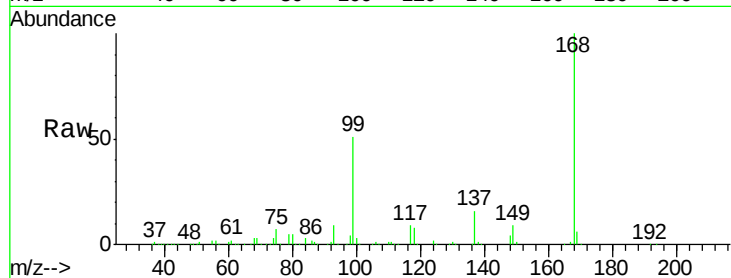
USTS-1-2-3DL

Tot Ion:168 Resp: 1411199

Ion Ratio Lower Upper

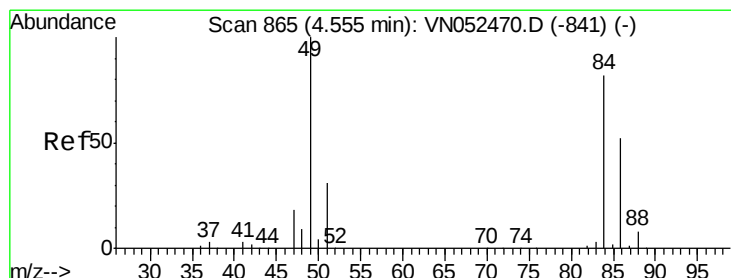
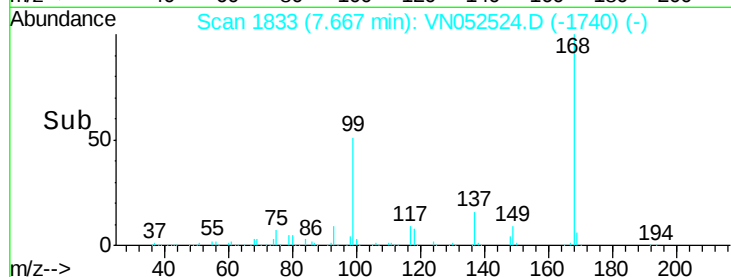
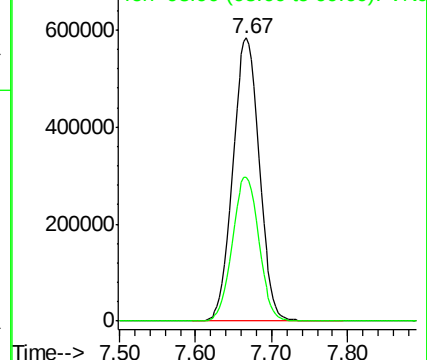
168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 0.610 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052524.D

Acq: 28 Nov 2018 17:15

Tgt Ion: 84 Resp: 9667

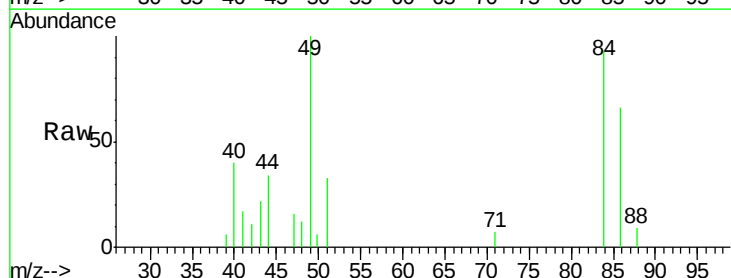
Ion Ratio Lower Upper

84 100

49 107.0 98.0 147.0

51 34.9 30.1 45.1

86 70.3 50.7 76.1

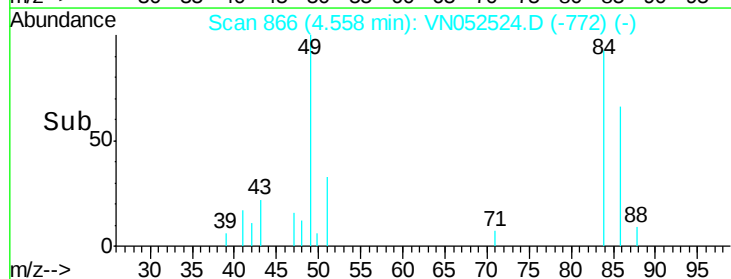
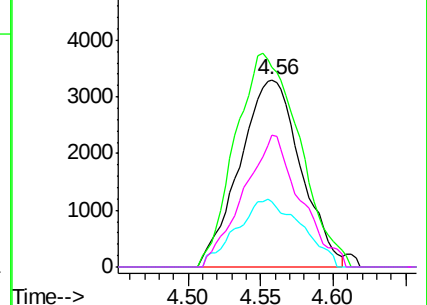


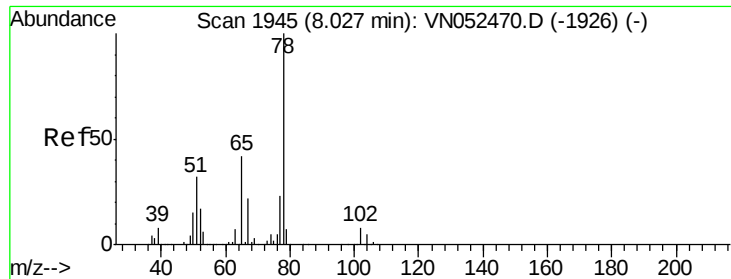
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

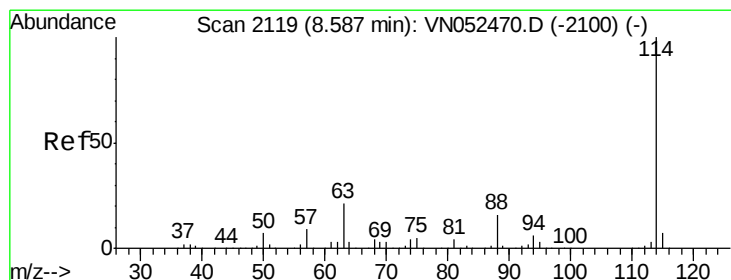
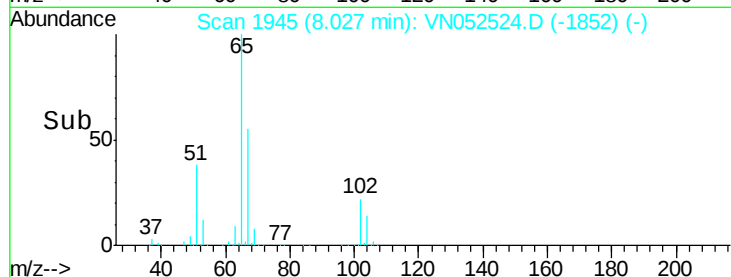
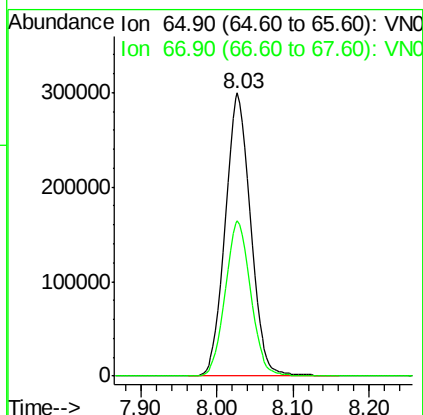
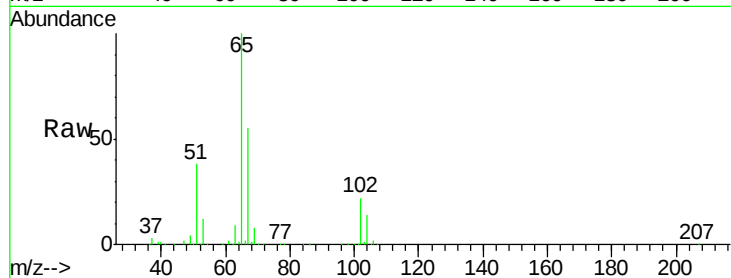




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052524.D
 Acq: 28 Nov 2018 17:15

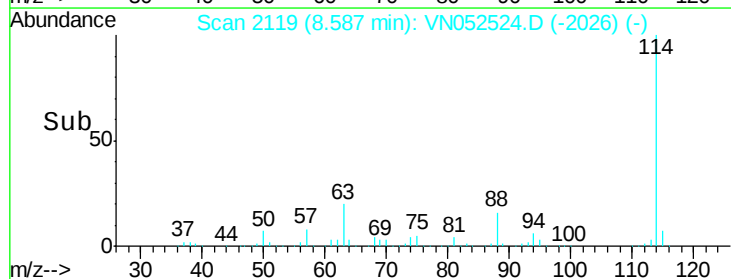
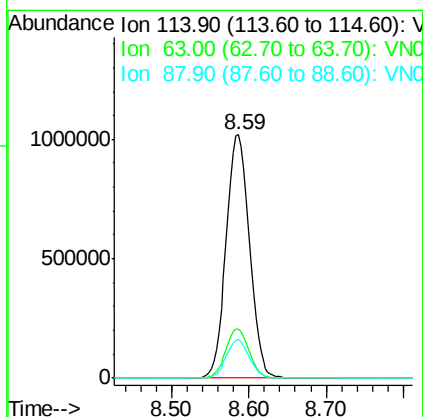
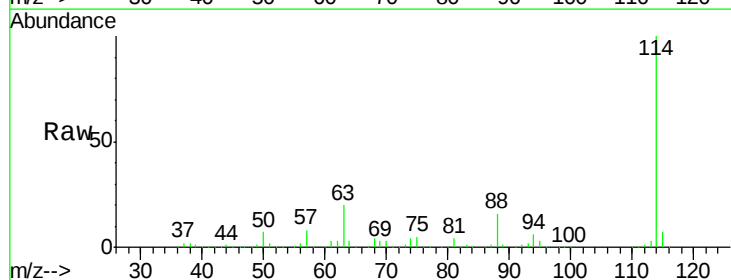
Instrument :
 MSVOA_N
 ClientSampleId :
 USTS-1-2-3DL

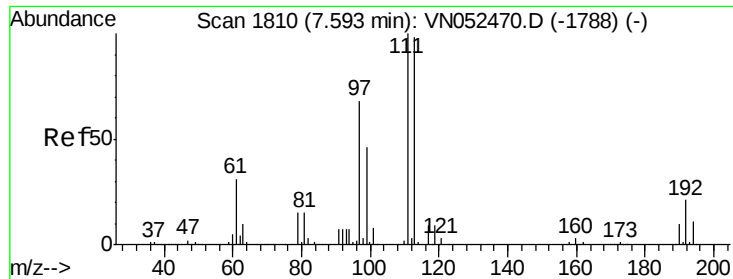
Tot Ion: 65 Resp: 700028
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052524.D
 Acq: 28 Nov 2018 17:15

Tgt Ion: 114 Resp: 2130017
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.7 0.0 31.6

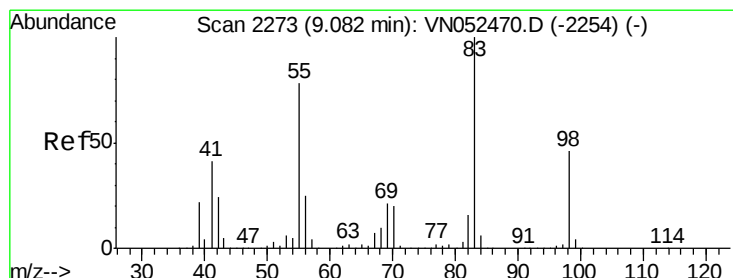
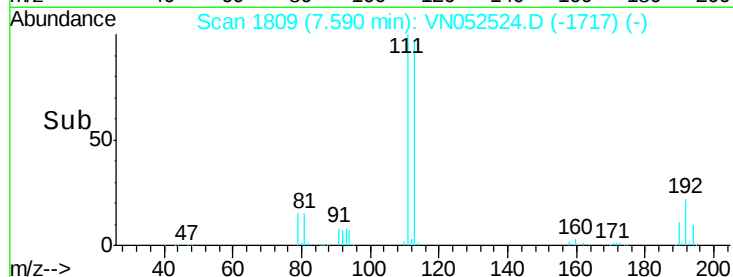
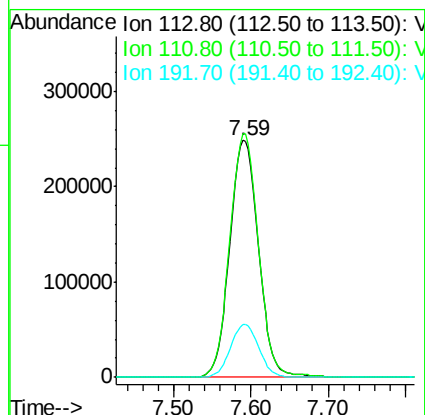
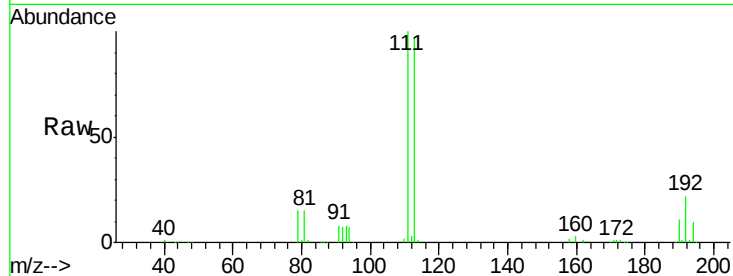




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052524.D
 Acq: 28 Nov 2018 17:15

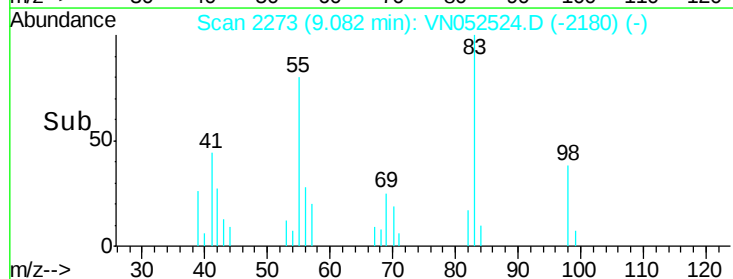
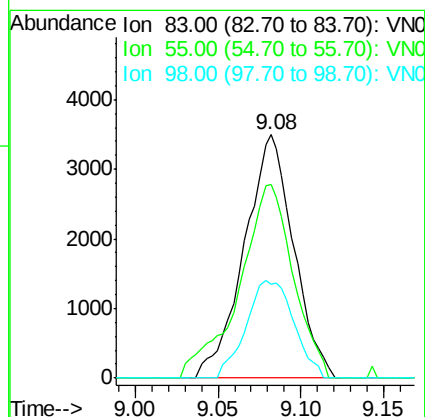
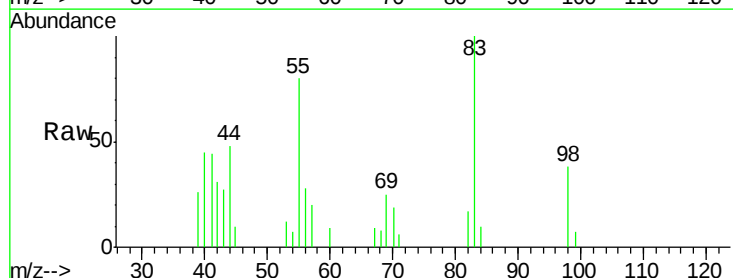
Instrument :
 MSVOA_N
 ClientSampleId :
 USTS-1-2-3DL

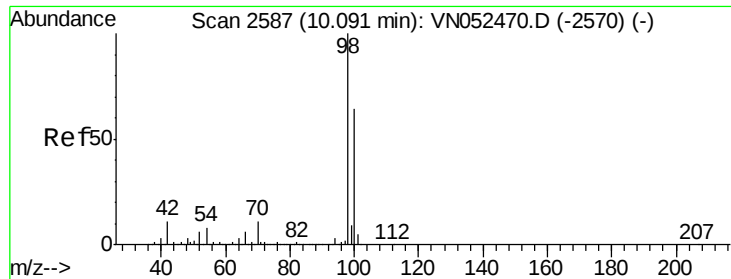
Tot Ion:113 Resp: 641221
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 22.0 17.0 25.6



#39
 Methylcyclohexane
 Concen: 0.295 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN052524.D
 Acq: 28 Nov 2018 17:15

Tgt Ion: 83 Resp: 7223
 Ion Ratio Lower Upper
 83 100
 55 79.8 62.2 93.2
 98 38.4 36.4 54.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052524.D

Acq: 28 Nov 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

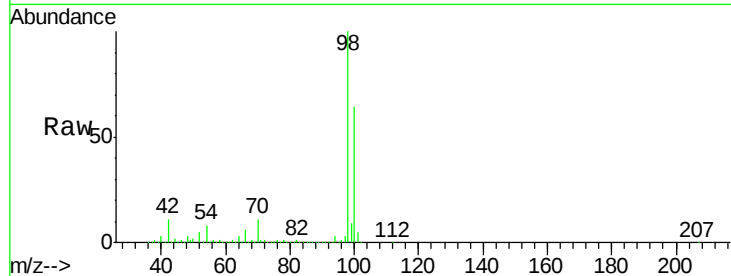
USTS-1-2-3DL

Tot Ion: 98 Resp: 2561200

Ion Ratio Lower Upper

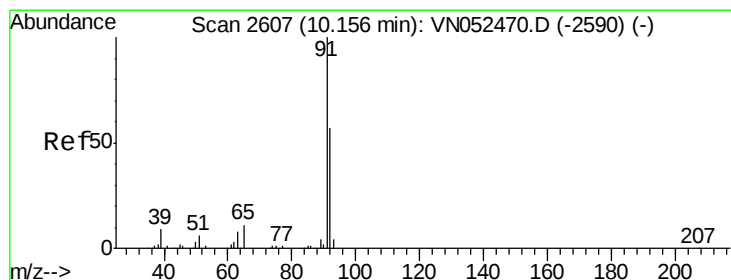
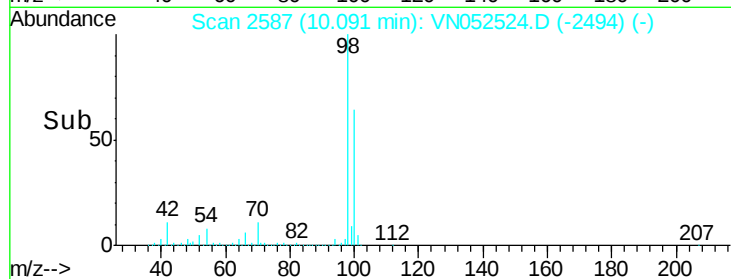
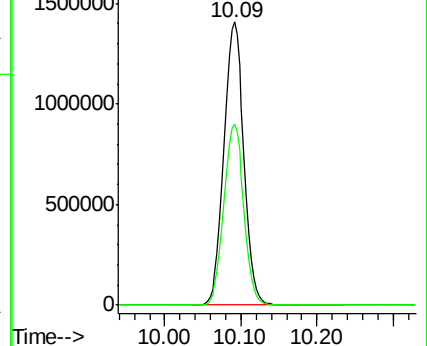
98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.538 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052524.D

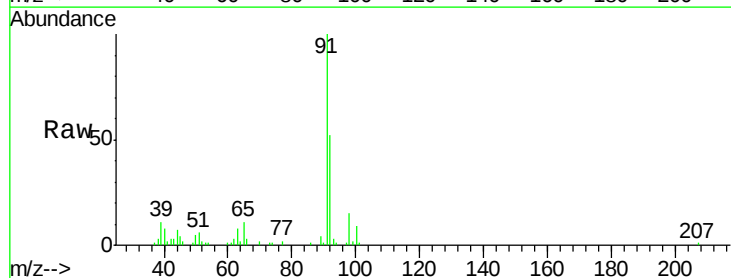
Acq: 28 Nov 2018 17:15

Tgt Ion: 92 Resp: 19147

Ion Ratio Lower Upper

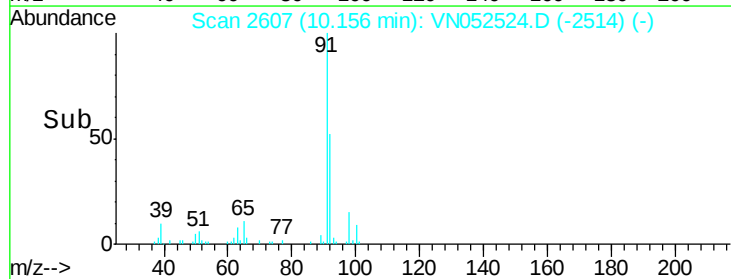
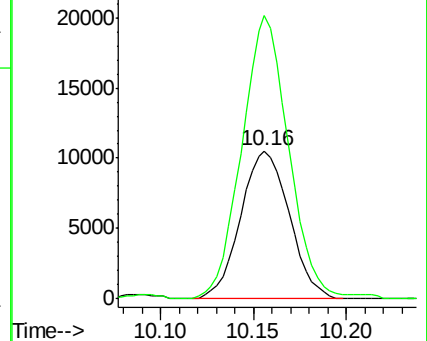
92 100

91 185.2 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

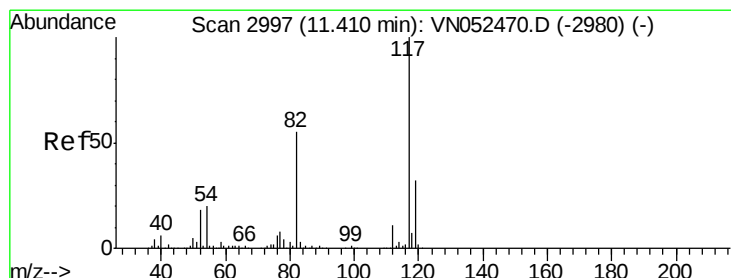
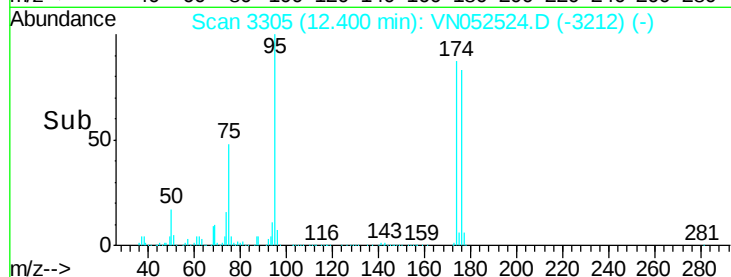
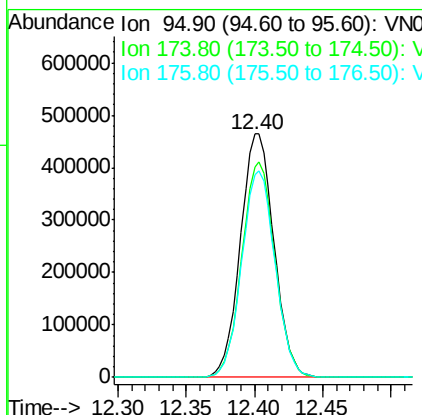
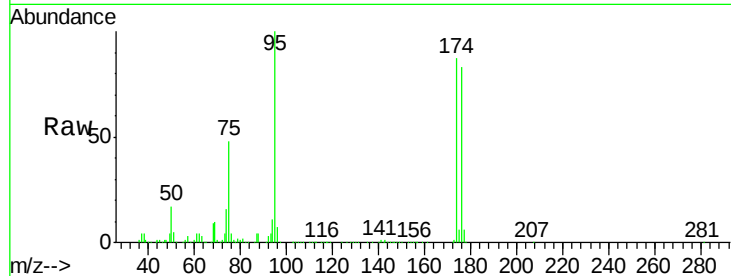




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052524.D
Acq: 28 Nov 2018 17:15

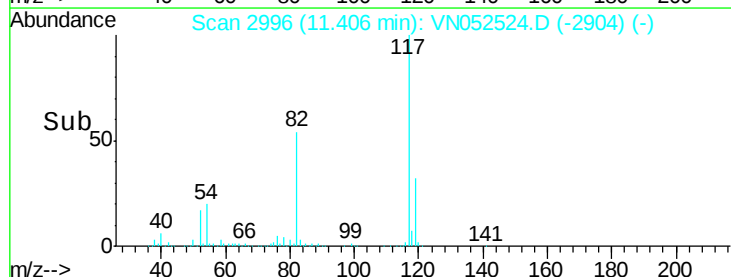
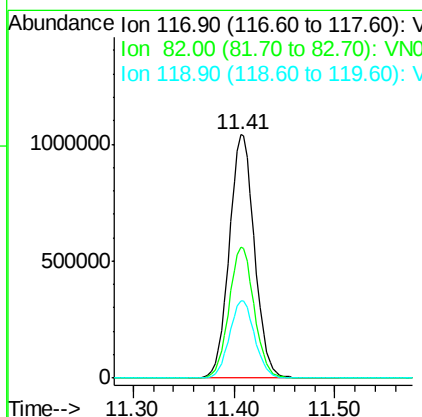
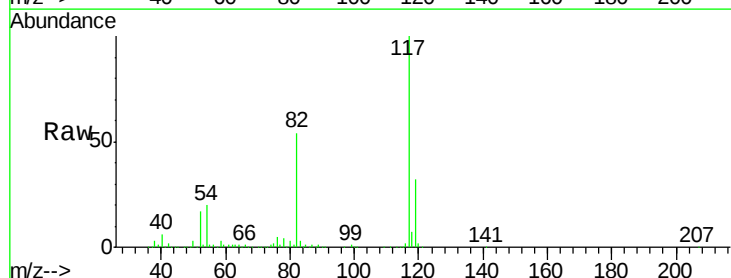
Instrument :
MSVOA_N
ClientSampleId :
USTS-1-2-3DL

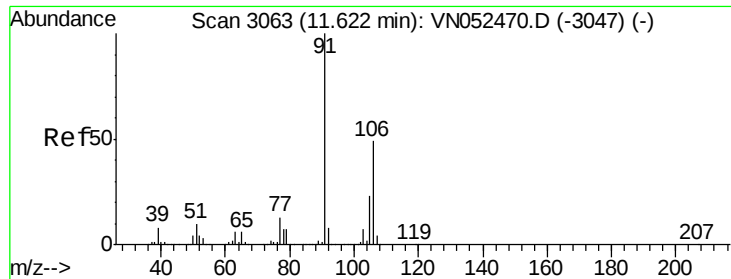
Tot Ion: 95 Resp: 793673
Ion Ratio Lower Upper
95 100
174 87.1 0.0 173.0
176 84.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052524.D
Acq: 28 Nov 2018 17:15

Tgt Ion: 117 Resp: 1806347
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.0 25.4 38.2

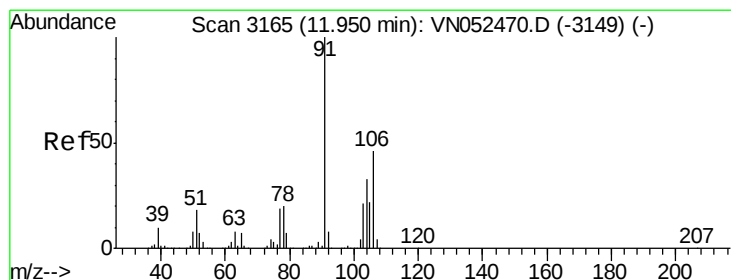
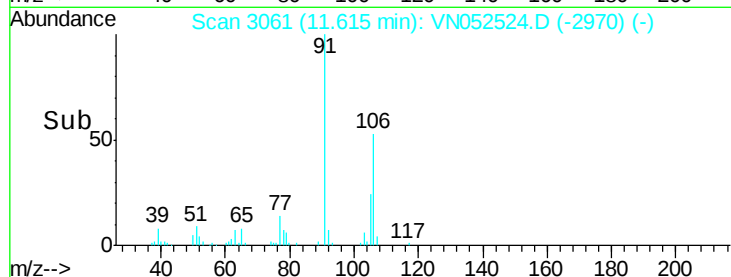
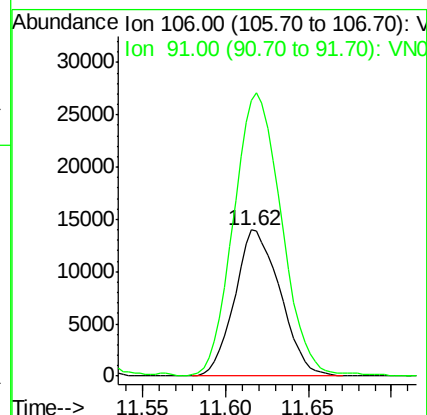
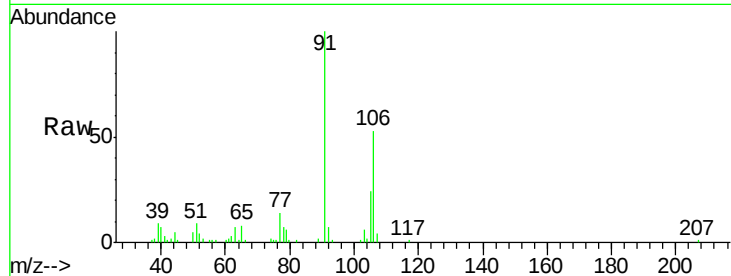




#68
m/p-Xylenes
Concen: 1.102 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052524.D
Acq: 28 Nov 2018 17:15

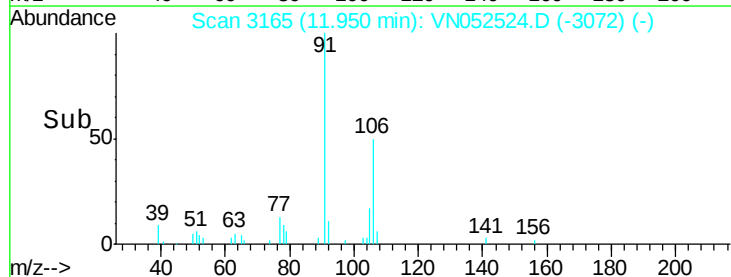
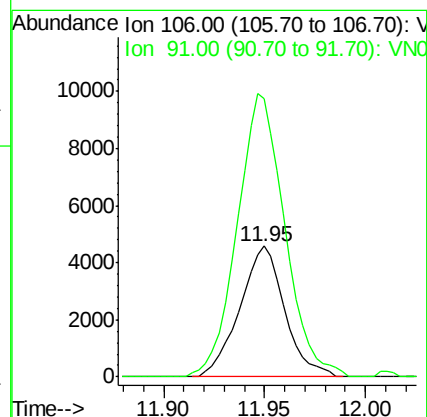
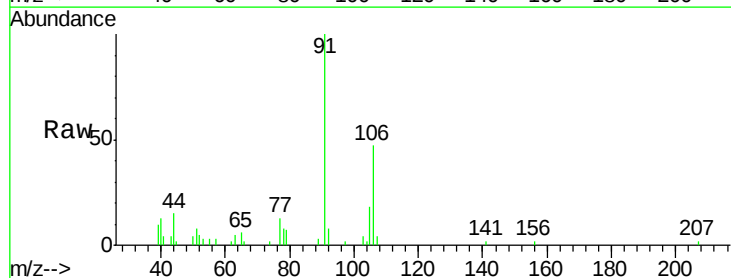
Instrument :
MSVOA_N
ClientSampleId :
USTS-1-2-3DL

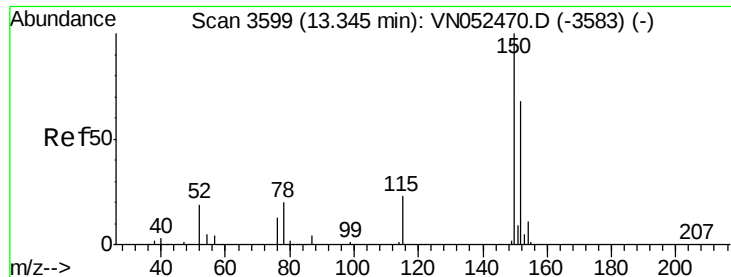
Tot Ion:106 Resp: 26750
Ion Ratio Lower Upper
106 100
91 202.8 163.2 244.8



#69
o-Xylene
Concen: 0.303 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052524.D
Acq: 28 Nov 2018 17:15

Tgt Ion:106 Resp: 7151
Ion Ratio Lower Upper
106 100
91 228.3 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052524.D

Acq: 28 Nov 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

USTS-1-2-3DL

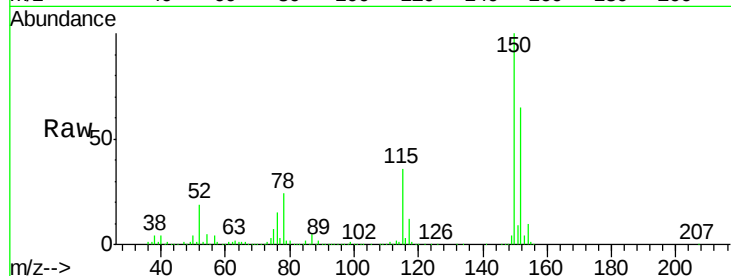
Tot Ion:152 Resp: 683144

Ion Ratio Lower Upper

152 100

115 55.8 28.4 85.2

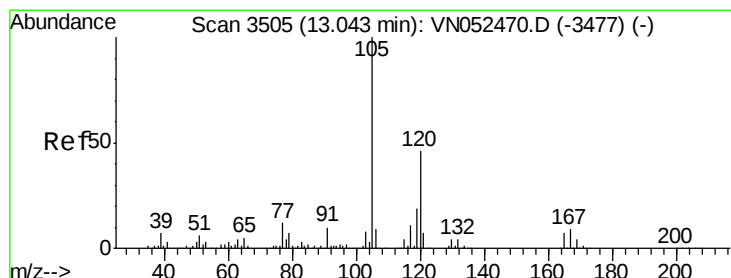
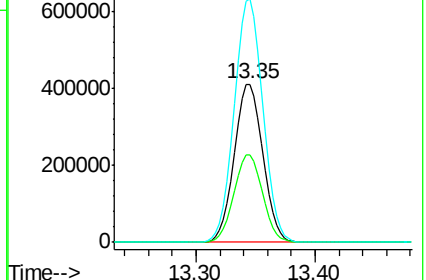
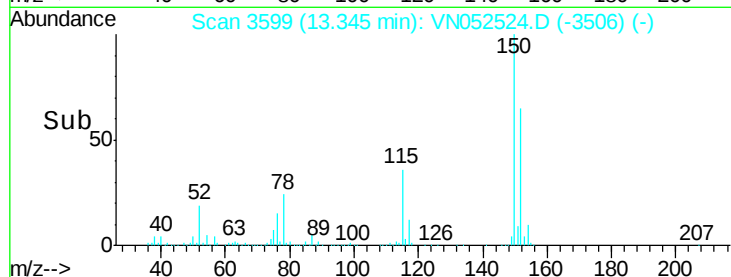
150 154.3 0.0 346.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.878 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN052524.D

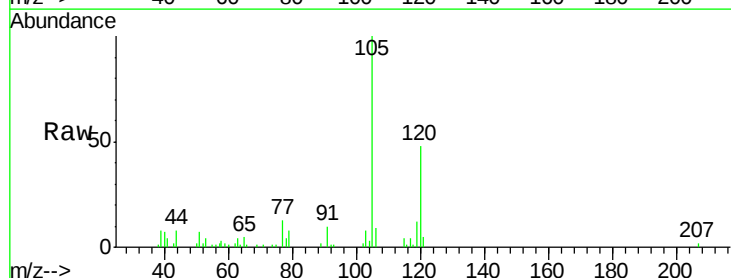
Acq: 28 Nov 2018 17:15

Tgt Ion:105 Resp: 37612

Ion Ratio Lower Upper

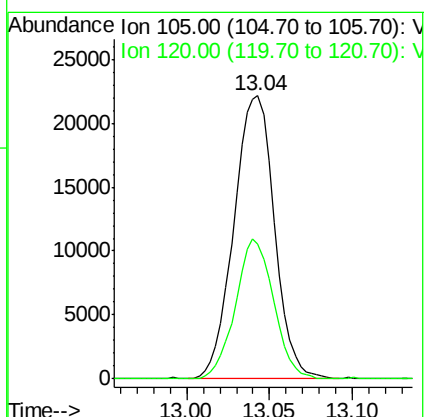
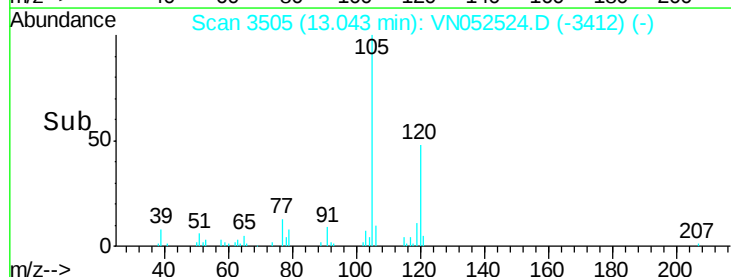
105 100

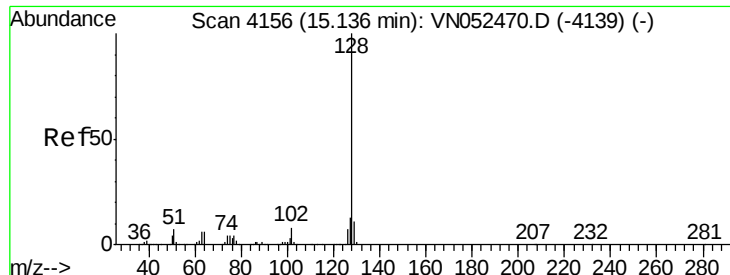
120 46.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.106 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052524.D

Acq: 28 Nov 2018 17:15

Instrument :

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USTS-1-2-3DL

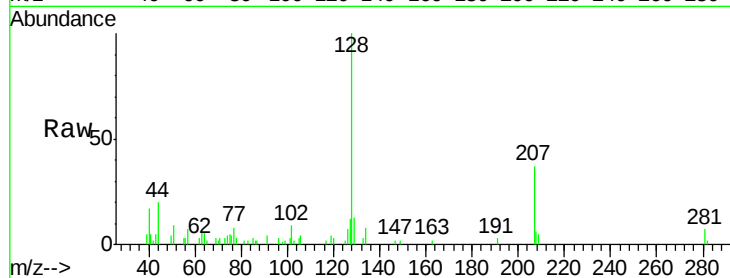
Tot Ion:128 Resp: 18713

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 13.3 8.7 13.1#



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

