

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064956.D
 Acq On : 7 Dec 2020 19:37
 Operator : JC/MD
 Sample : L4954-19RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6711-120220RE

Quant Time: Jan 23 06:02:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	347540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165488	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	110307	51.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.82%	
35) Dibromofluoromethane		7.55	113	101030	51.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.32%	
50) Toluene-d8		10.06	98	414706	51.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.80%	
62) 4-Bromofluorobenzene		12.37	95	170823	59.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.32%	

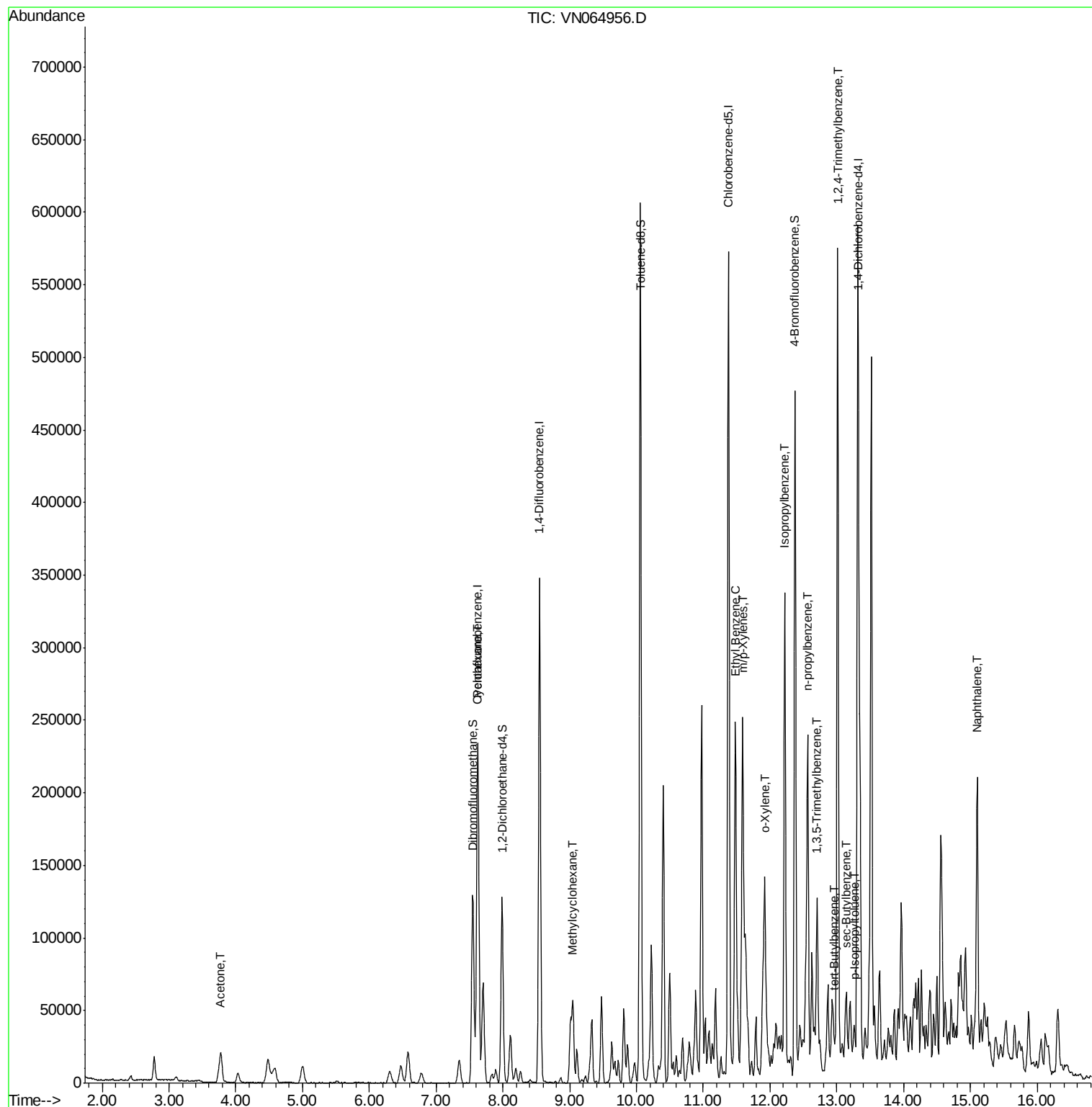
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	31195	44.224	ug/l	98
31) Cyclohexane	7.61	56	18470	6.176	ug/l #	89
39) Methylcyclohexane	9.05	83	28973	8.799	ug/l	94
67) Ethyl Benzene	11.48	91	170177	13.649	ug/l	100
68) m/p-Xylenes	11.59	106	79991	16.946	ug/l	99
69) o-Xylene	11.92	106	32846	7.333	ug/l	93
73) Isopropylbenzene	12.22	105	225255	19.569	ug/l	100
78) n-propylbenzene	12.56	91	184750	14.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	51823	5.416	ug/l	99
83) tert-Butylbenzene	12.96	119	3372	0.420	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	330145	34.128	ug/l	99
85) sec-Butylbenzene	13.15	105	27573	2.590	ug/l	81
86) p-Isopropyltoluene	13.26	119	10343	1.067	ug/l	95
95) Naphthalene	15.10	128	162240	16.170	ug/l	98

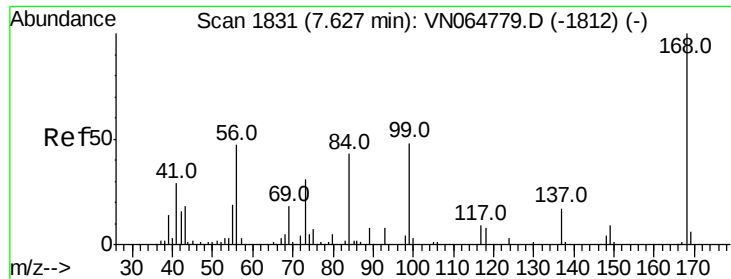
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
Data File : VN064956.D
Acq On : 7 Dec 2020 19:37
Operator : JC/MD
Sample : L4954-19RE
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

Quant Time: Jan 23 06:02:38 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064956.D

Acq: 7 Dec 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

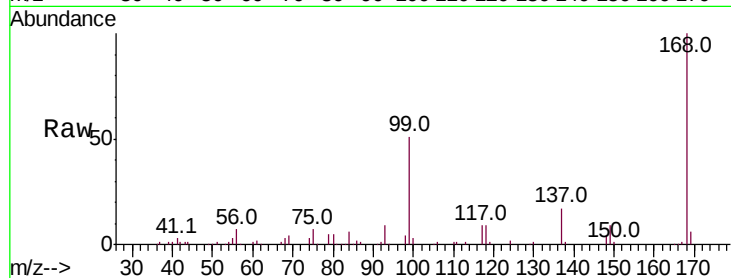
SS013-13-6711-120220RE

Tot Ion:168 Resp: 184576

Ion Ratio Lower Upper

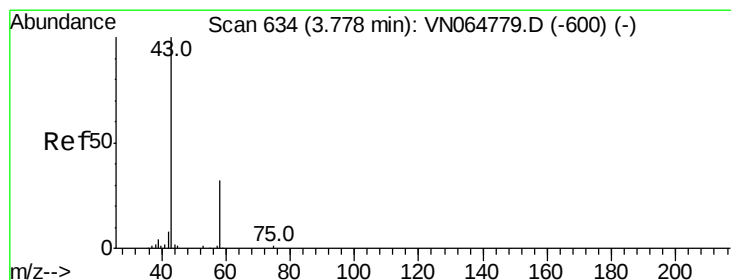
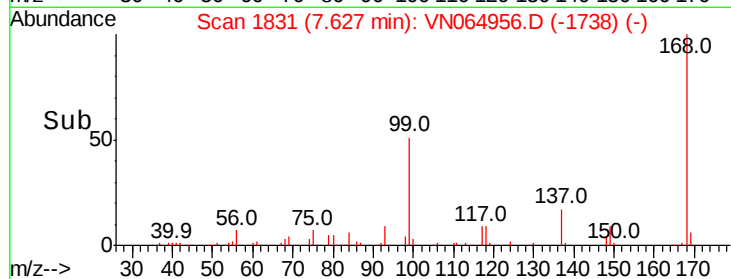
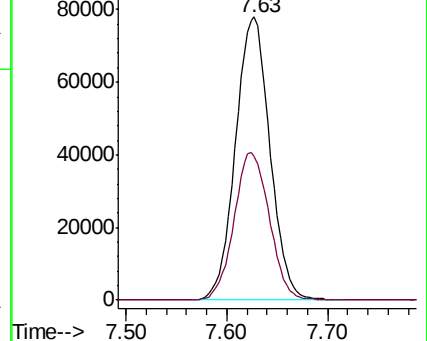
168 100

99 50.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 44.224 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064956.D

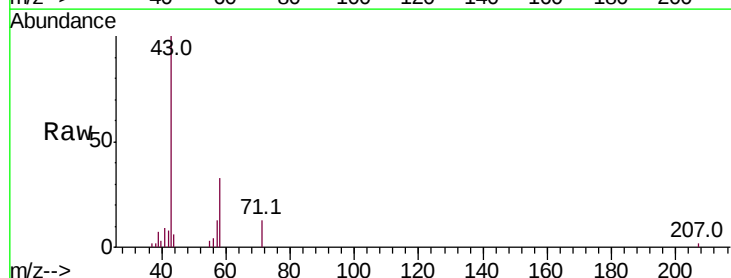
Acq: 7 Dec 2020 19:37

Tgt Ion: 43 Resp: 31195

Ion Ratio Lower Upper

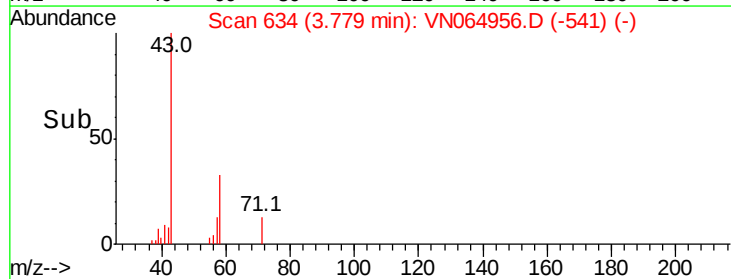
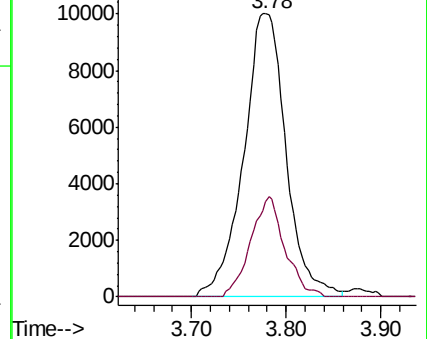
43 100

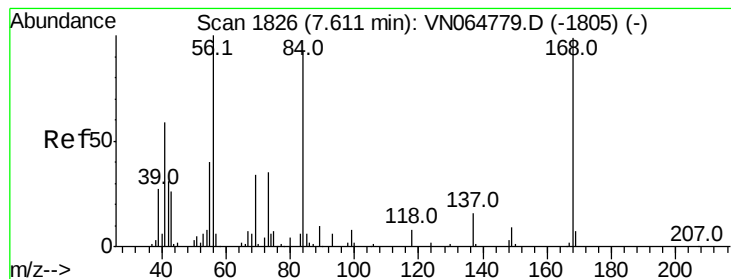
58 33.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#31

Cyclohexane

Concen: 6.176 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064956.D

Acq: 7 Dec 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6711-120220RE

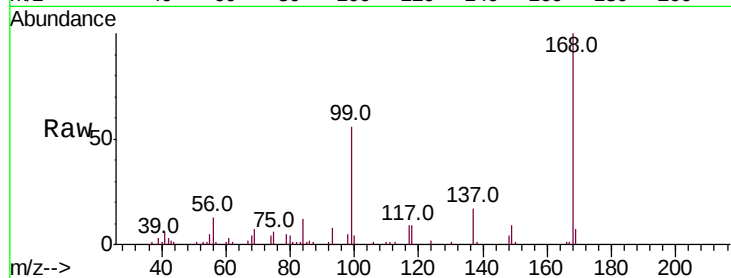
Tot Ion: 56 Resp: 18470

Ion Ratio Lower Upper

56 100

69 53.9 27.5 41.3#

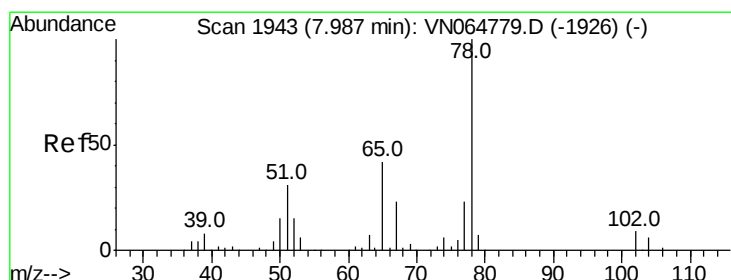
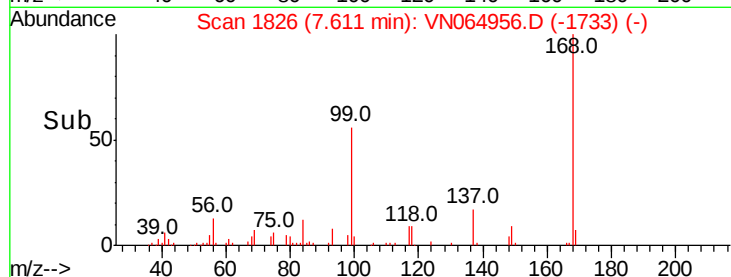
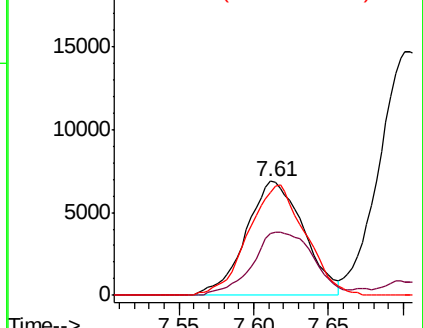
84 89.9 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064956.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064956.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064956.D (-1733) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.406 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064956.D

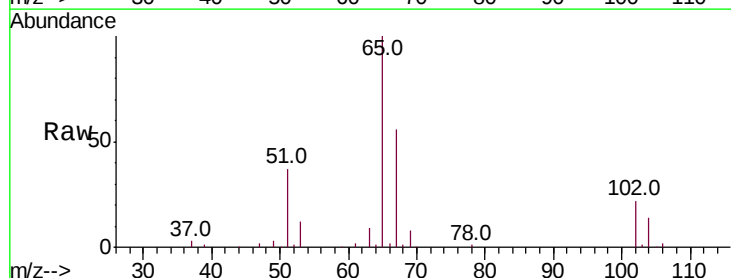
Acq: 7 Dec 2020 19:37

Tgt Ion: 65 Resp: 110307

Ion Ratio Lower Upper

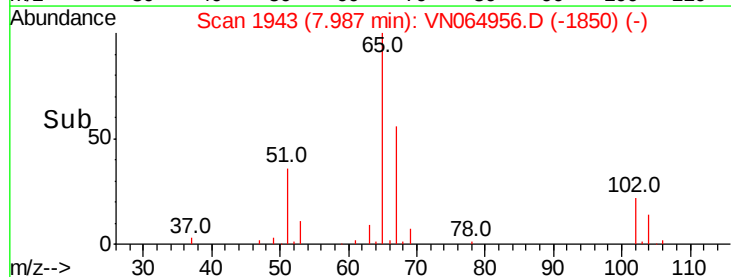
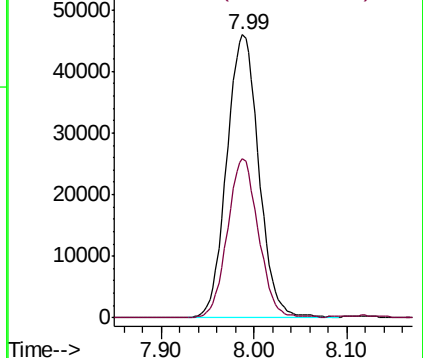
65 100

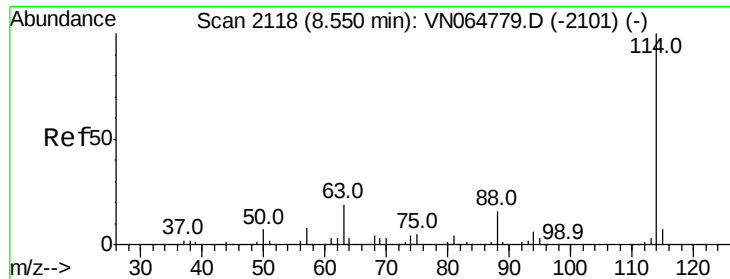
67 54.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064956.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064956.D (-1850) (-)

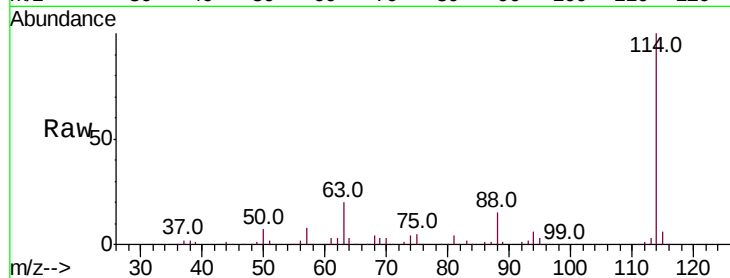




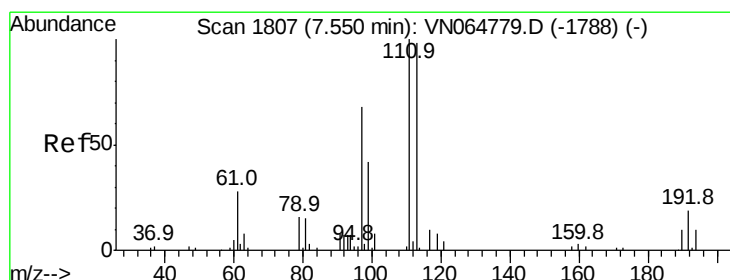
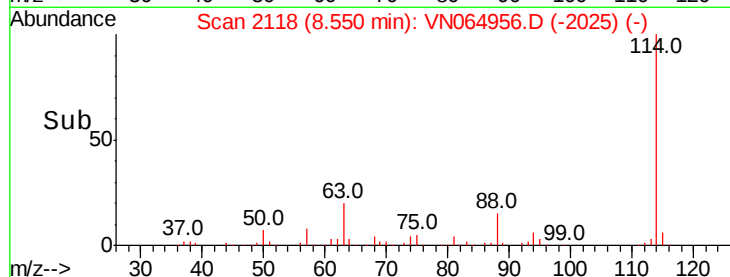
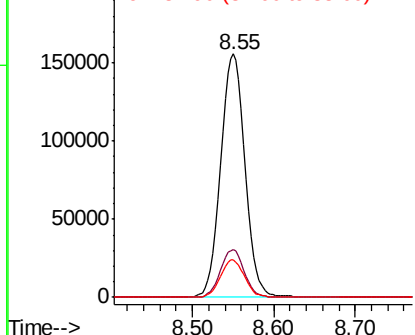
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064956.D
 Acq: 7 Dec 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6711-120220RE

Tot Ion:114 Resp: 330012
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 32.6

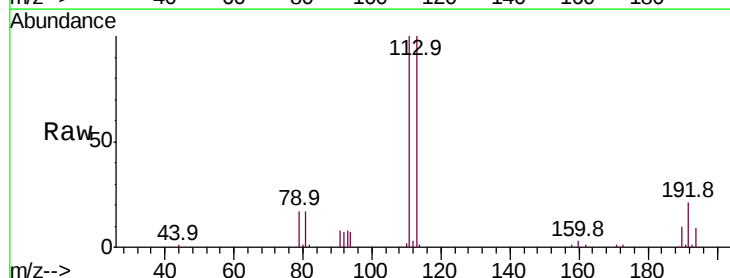


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

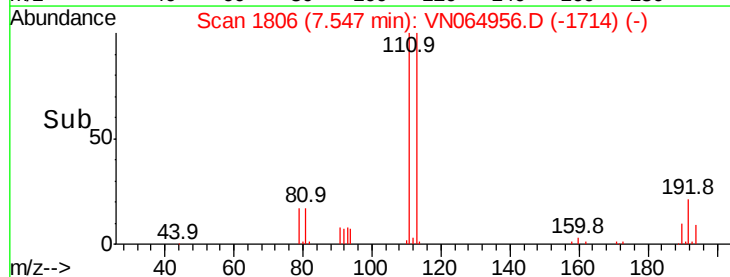
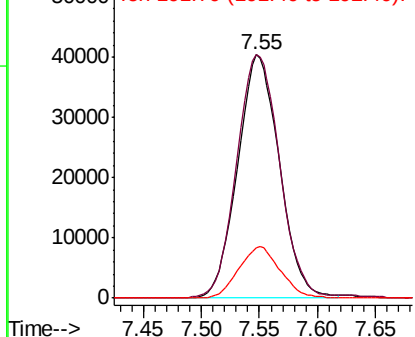


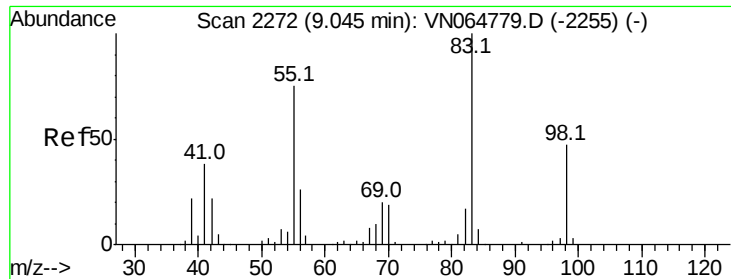
#35
 Dibromofluoromethane
 Concen: 51.163 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064956.D
 Acq: 7 Dec 2020 19:37

Tgt Ion:113 Resp: 101030
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.6 122.4
 192 21.0 16.2 24.2



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

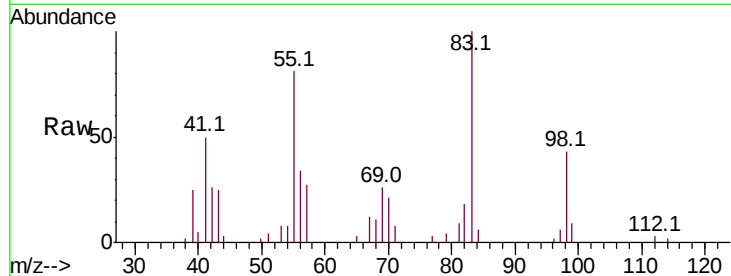




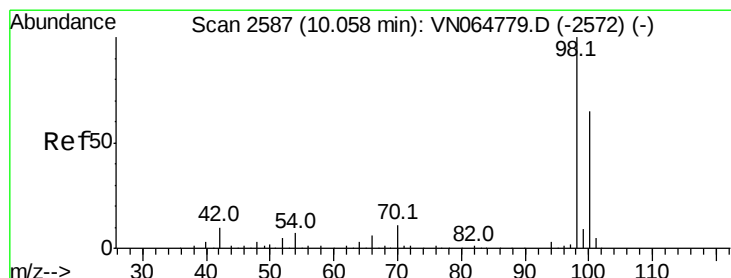
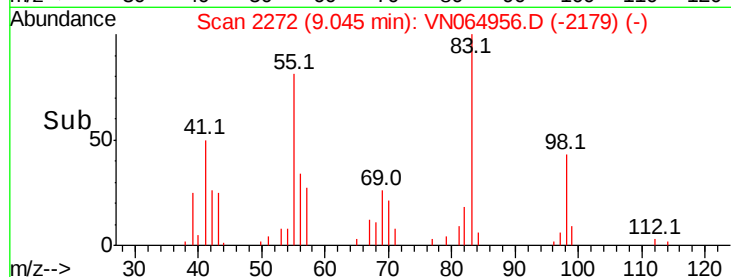
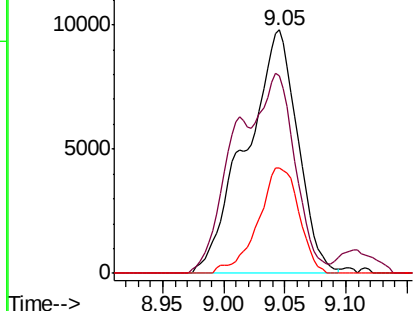
#39
Methvlcvclohexane
Concen: 8.799 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

Tot Ion: 83 Resp: 28973
Ion Ratio Lower Upper
83 100
55 80.9 60.2 90.2
98 43.5 37.4 56.2

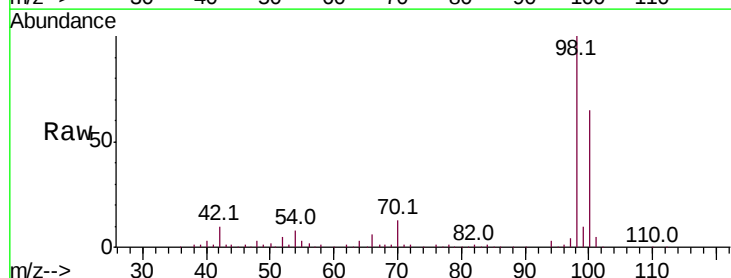


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

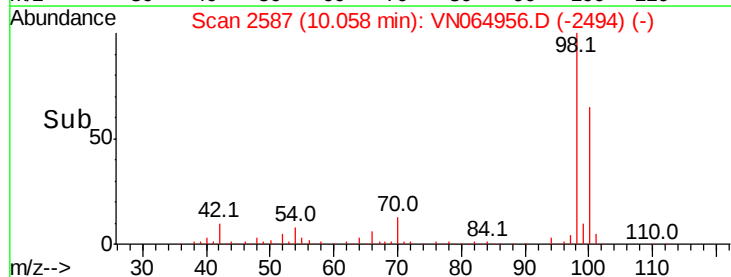
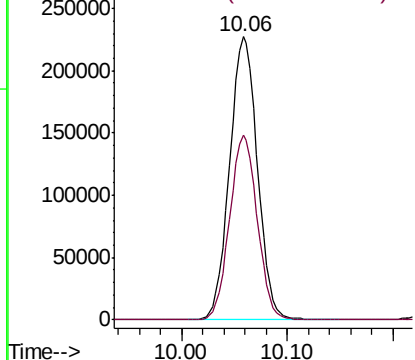


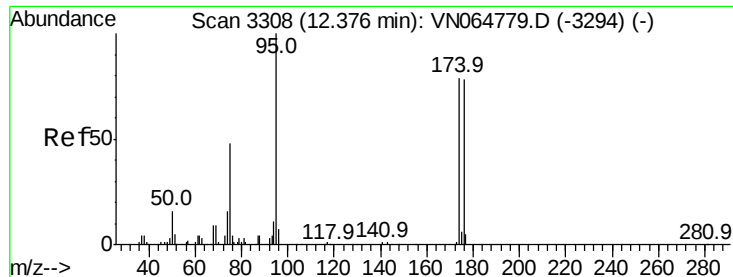
#50
Toluene-d8
Concen: 51.399 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion: 98 Resp: 414706
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

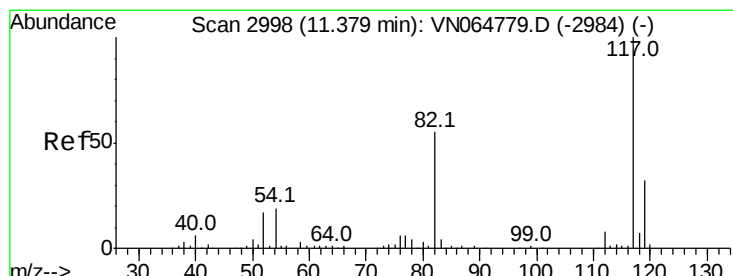
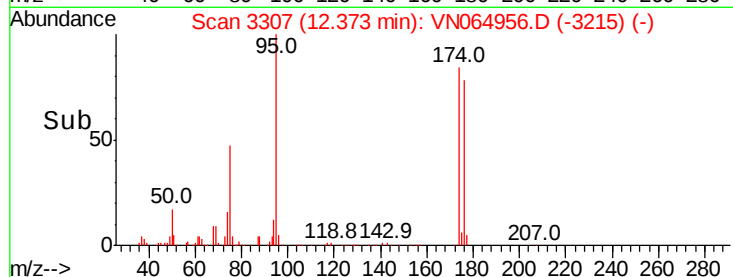
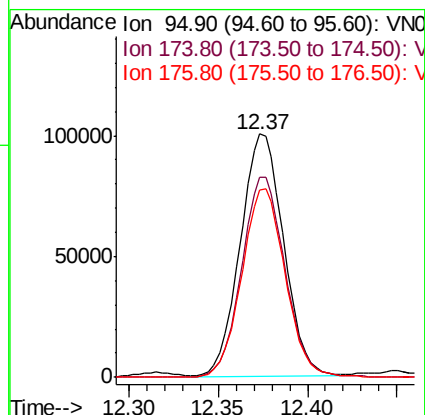
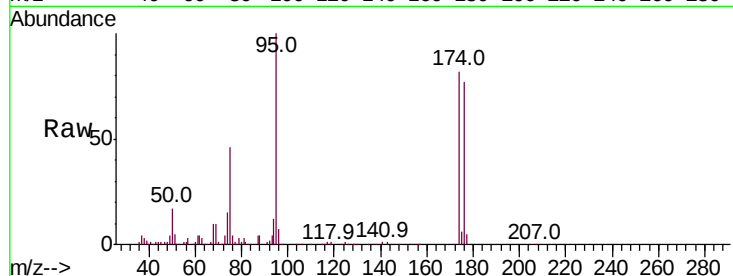




#62
4-Bromofluorobenzene
Concen: 59.159 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

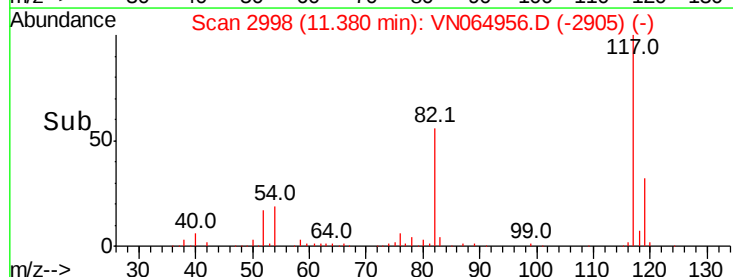
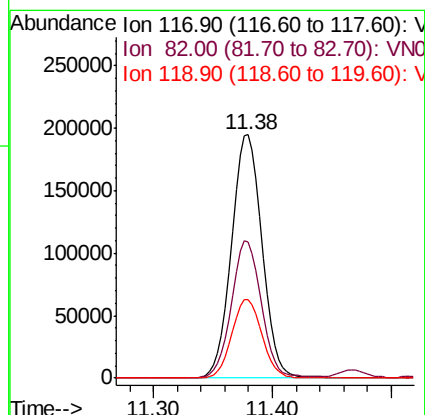
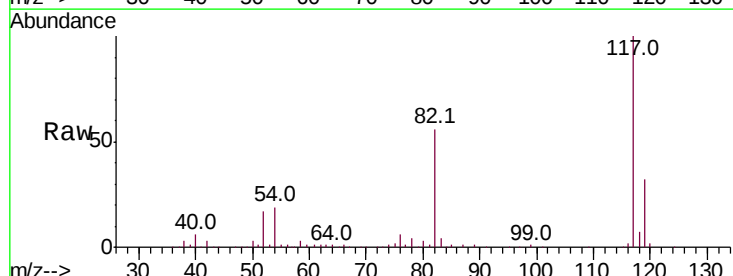
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

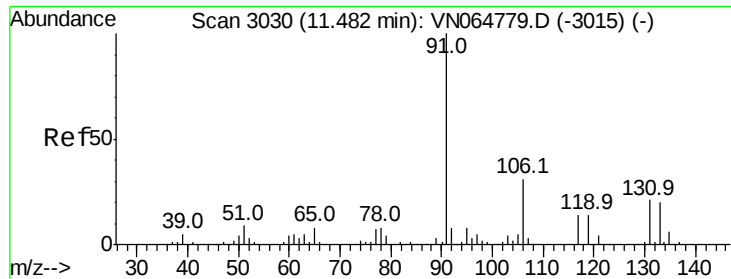
Tot Ion: 95 Resp: 170823
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.4
176 78.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion: 117 Resp: 347540
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.1 25.8 38.6

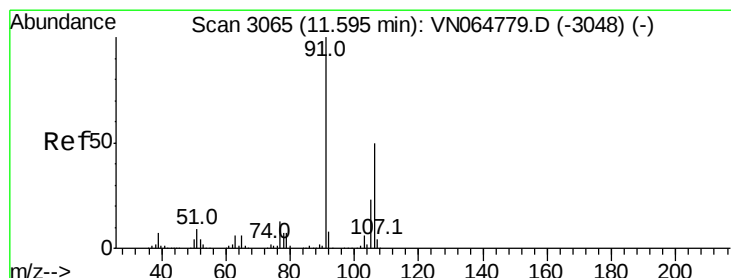
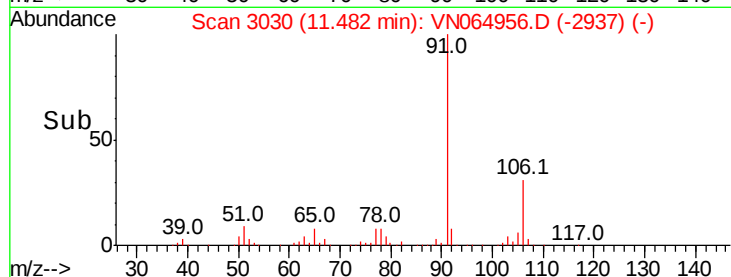
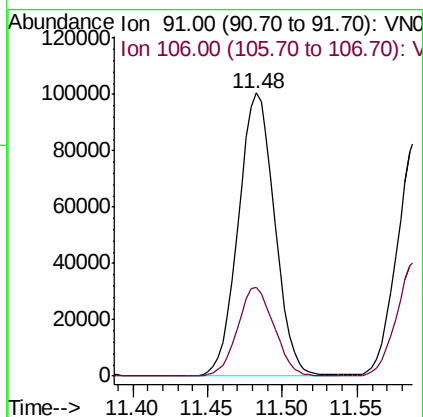
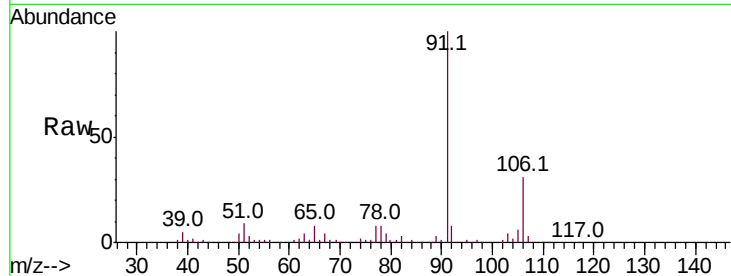




#67
Ethyl Benzene
Concen: 13.649 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

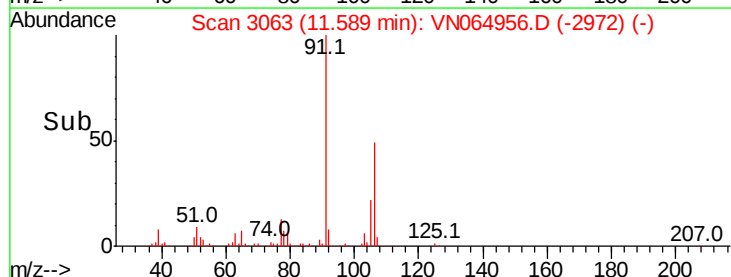
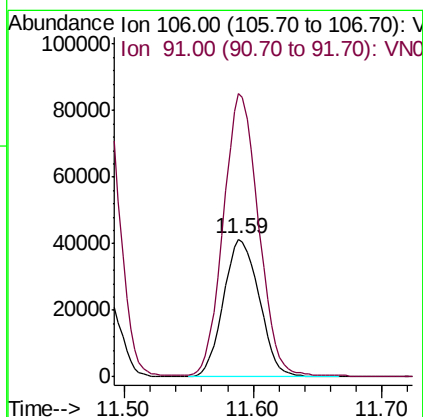
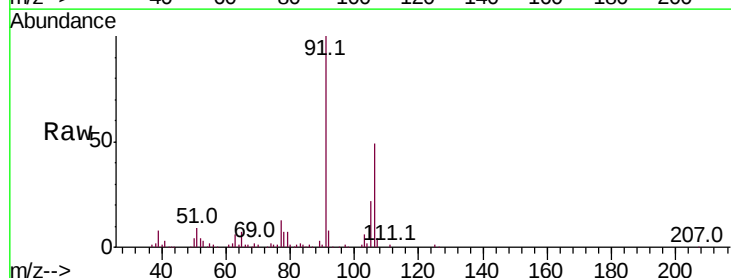
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

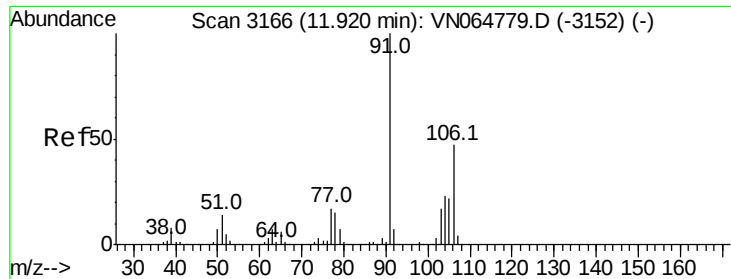
Tot Ion: 91 Resp: 170177
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 16.946 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion: 106 Resp: 79991
Ion Ratio Lower Upper
106 100
91 199.7 161.0 241.4

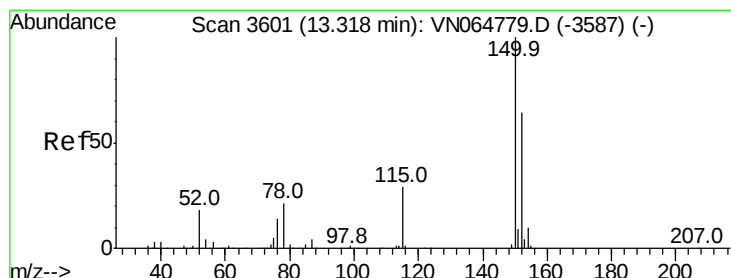
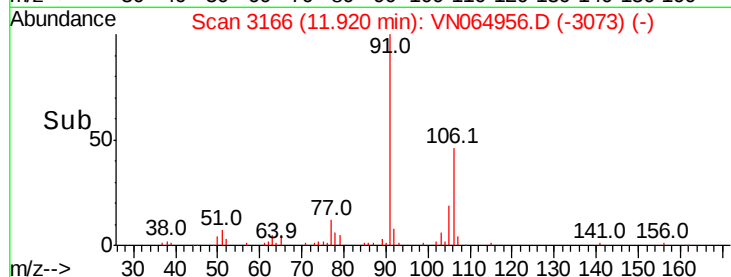
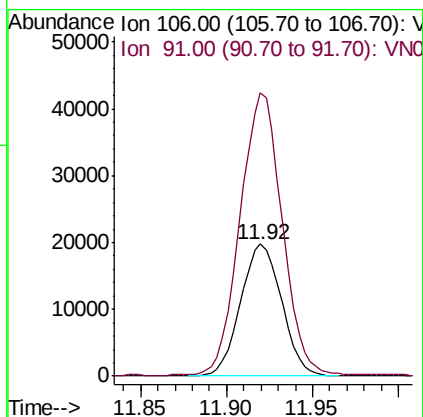
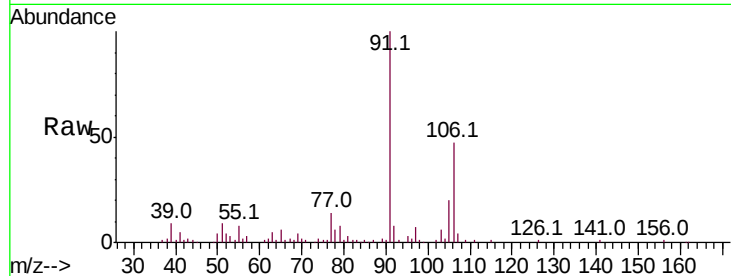




#69
o-Xylene
Concen: 7.333 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

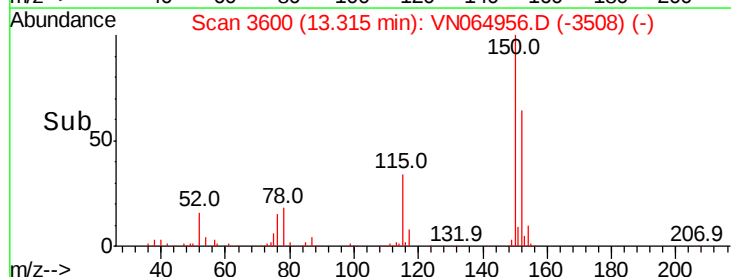
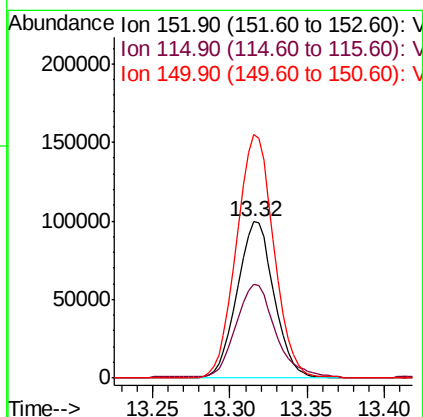
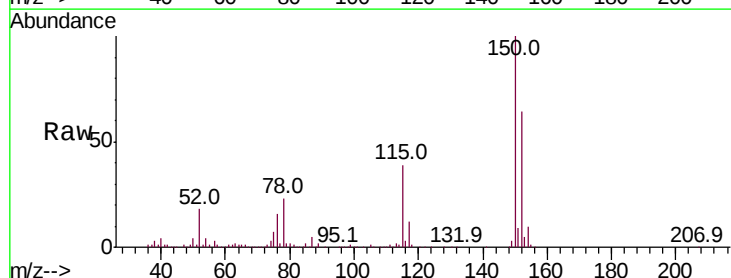
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

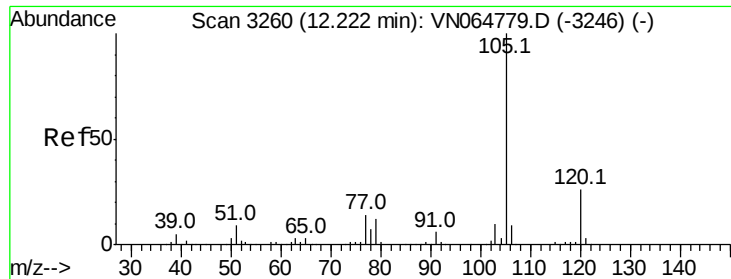
Tot Ion:106 Resp: 32846
Ion Ratio Lower Upper
106 100
91 221.9 105.5 316.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion:152 Resp: 165488
Ion Ratio Lower Upper
152 100
115 63.8 29.7 89.1
150 157.6 0.0 350.6





#73

Isopropylbenzene

Concen: 19.569 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064956.D

Acq: 7 Dec 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

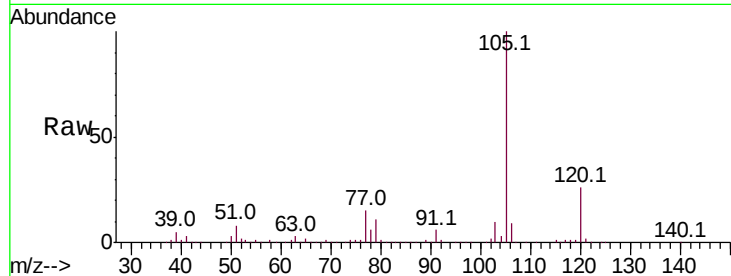
SS013-13-6711-120220RE

Tot Ion:105 Resp: 225255

Ion Ratio Lower Upper

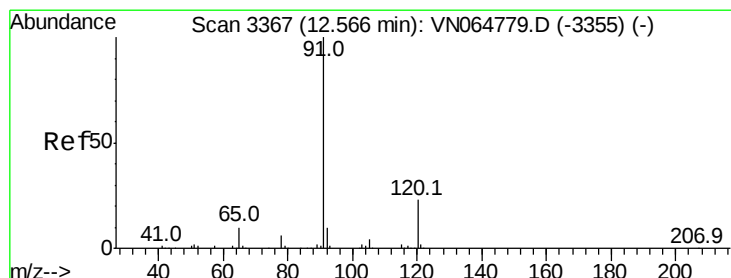
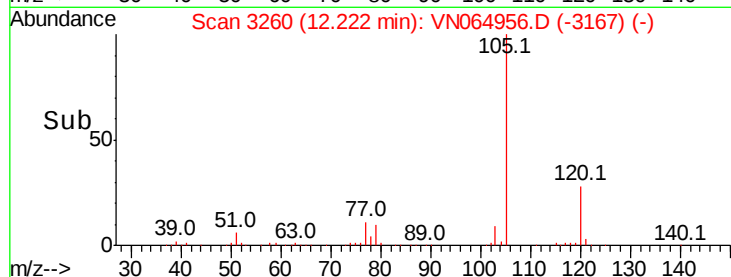
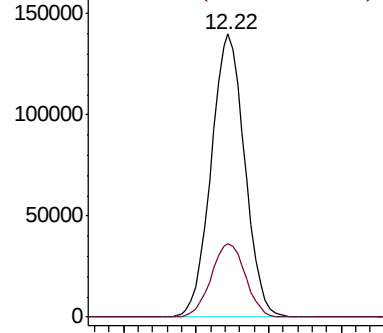
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 14.089 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064956.D

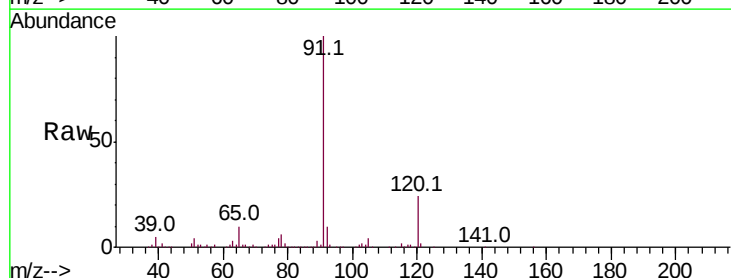
Acq: 7 Dec 2020 19:37

Tgt Ion: 91 Resp: 184750

Ion Ratio Lower Upper

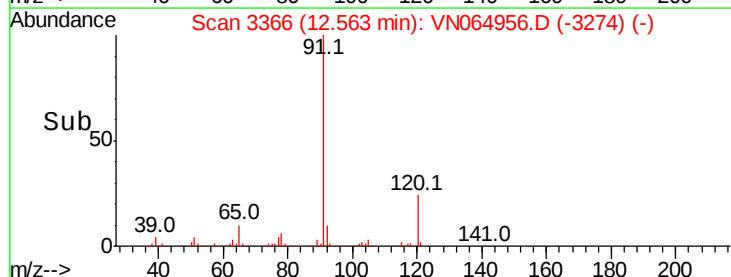
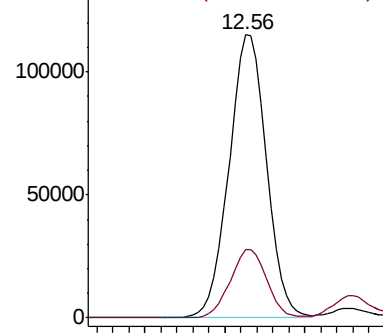
91 100

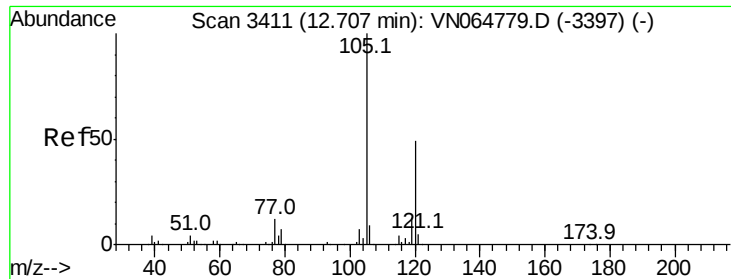
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

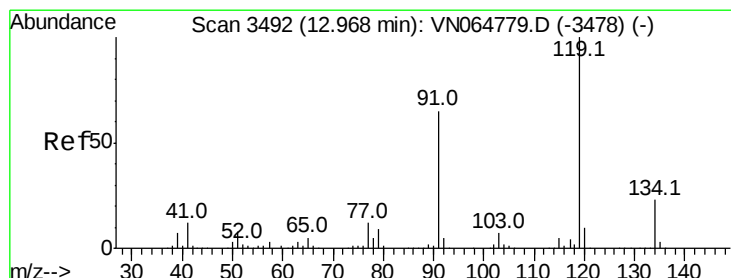
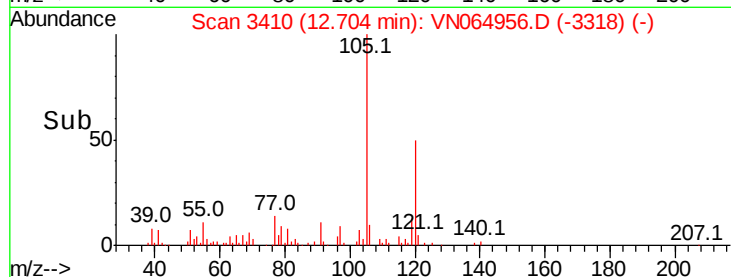
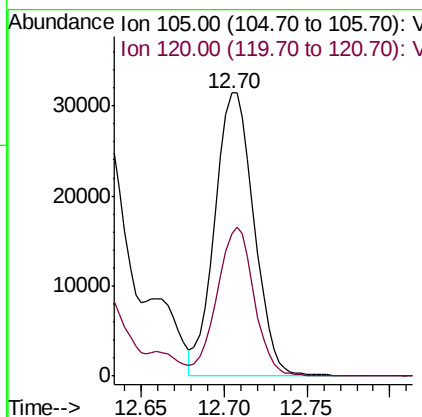
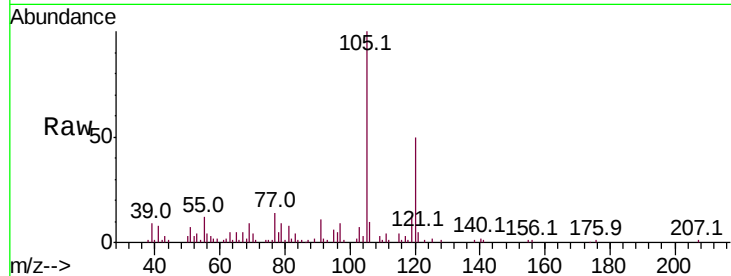




#80
 1,3,5-Trimethylbenzene
 Concen: 5.416 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064956.D
 Acq: 7 Dec 2020 19:37

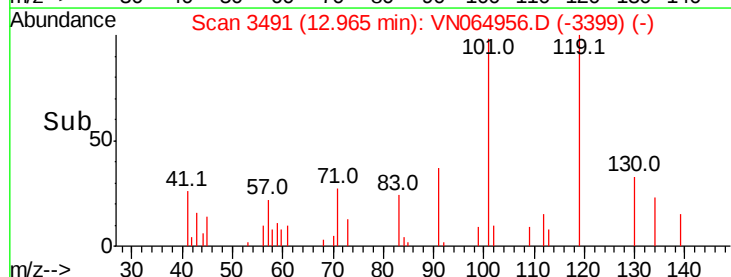
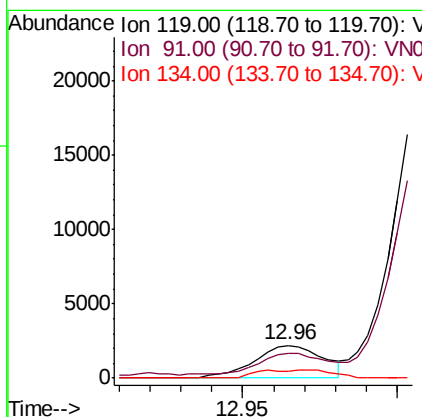
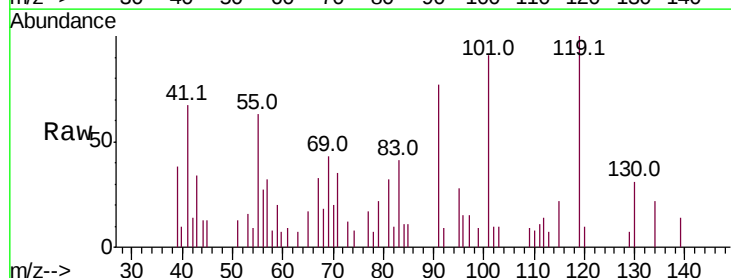
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6711-120220RE

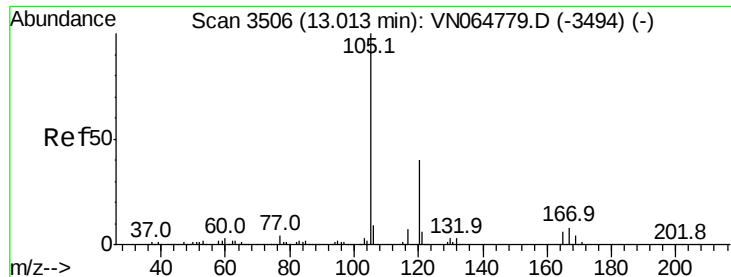
Tot Ion:105 Resp: 51823
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.6



#83
 tert-Butylbenzene
 Concen: 0.420 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064956.D
 Acq: 7 Dec 2020 19:37

Tgt Ion:119 Resp: 3372
 Ion Ratio Lower Upper
 119 100
 91 61.2 32.3 96.8
 134 12.6 12.6 37.6

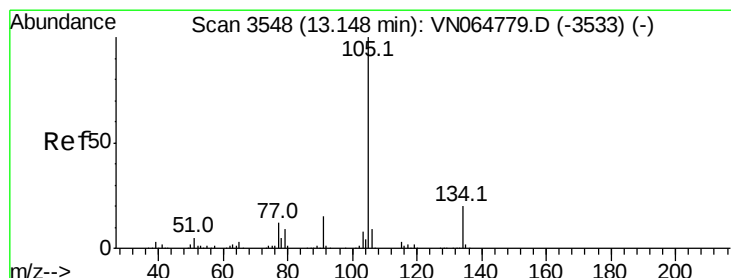
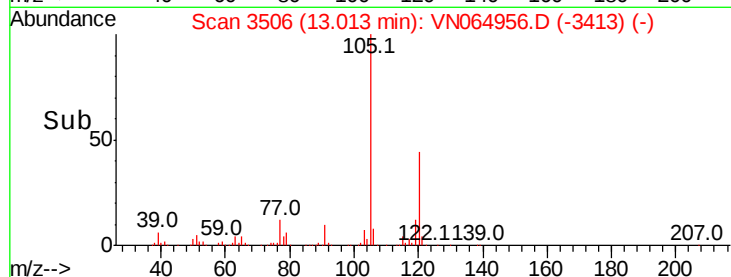
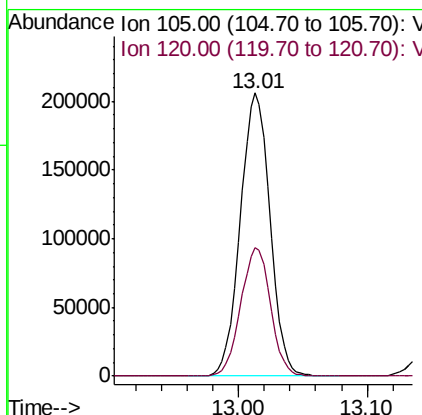
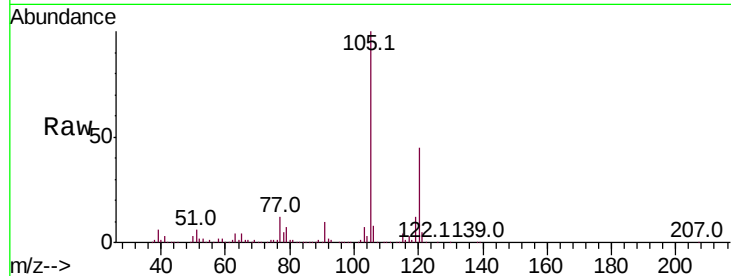




#84
1,2,4-Trimethylbenzene
Concen: 34.128 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

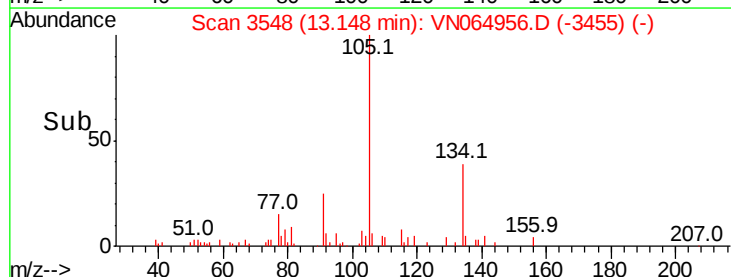
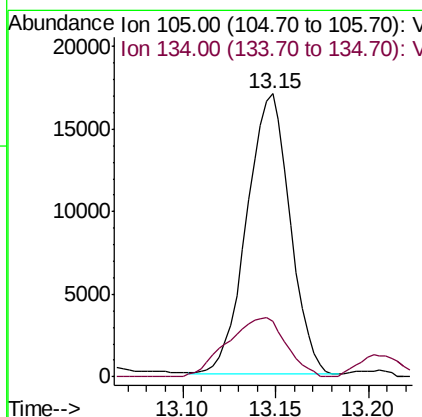
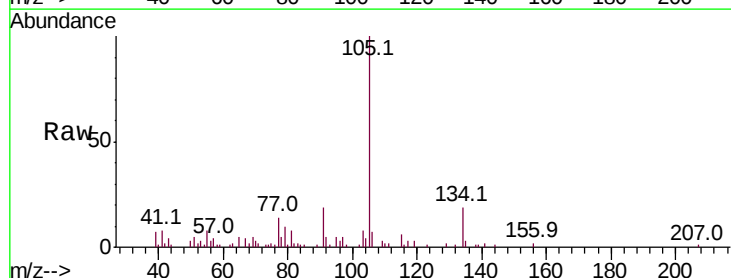
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

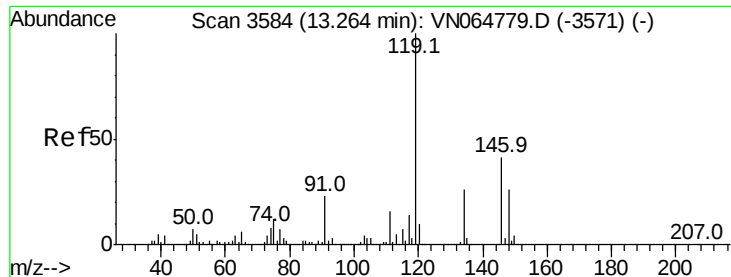
Tot Ion:105 Resp: 330145
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.2



#85
sec-Butylbenzene
Concen: 2.590 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion:105 Resp: 27573
Ion Ratio Lower Upper
105 100
134 28.6 10.1 30.1

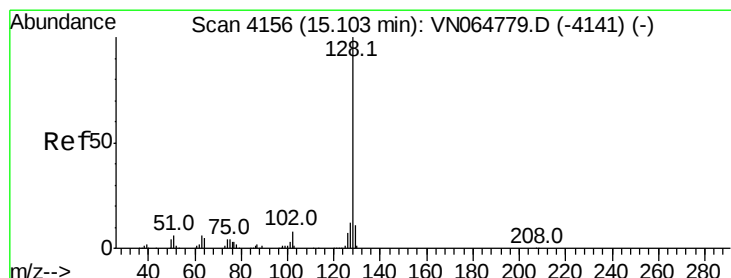
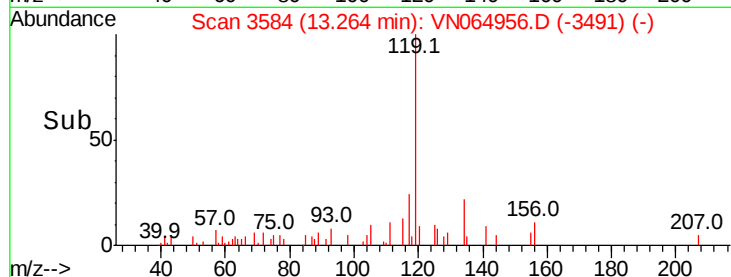
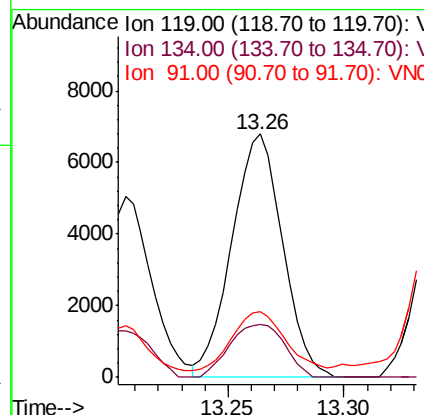
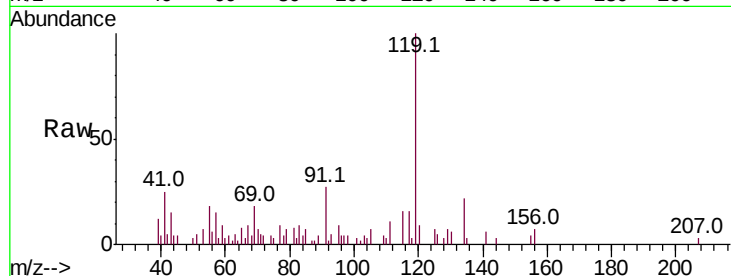




#86
p-Isopropyltoluene
Concen: 1.067 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6711-120220RE

Tot Ion:119 Resp: 10343
Ion Ratio Lower Upper
119 100
134 23.5 13.1 39.1
91 25.2 11.5 34.5



#95
Naphthalene
Concen: 16.170 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064956.D
Acq: 7 Dec 2020 19:37

Tgt Ion:128 Resp: 162240
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.0 8.7 13.1

