

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058993.D
 Acq On : 28 Oct 2019 13:28
 Operator : JC/SP
 Sample : K5140-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-102519

Quant Time: Oct 29 14:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	371367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	590361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	262018	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.57	113	190927	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	10.08	98	764260	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	246025	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	

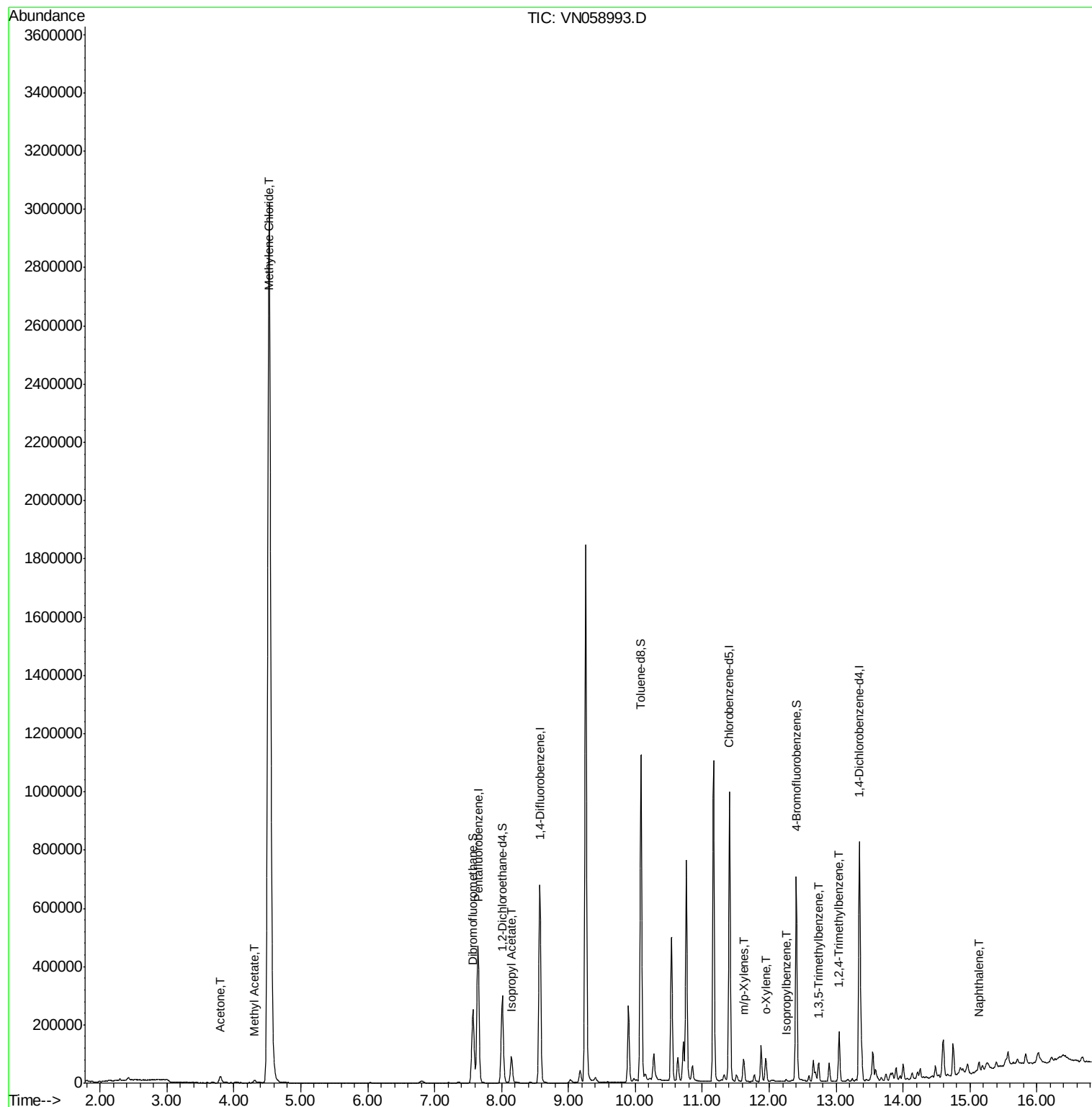
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	38294	14.228	ug/l	95
18) Methyl Acetate	4.30	43	14011	2.290	ug/l	100
20) Methylene Chloride	4.53	84	2290200	498.338	ug/l	98
43) Isopropyl Acetate	8.15	43	106657	10.098	ug/l #	91
68) m/p-Xylenes	11.62	106	24060	3.273	ug/l	97
69) o-Xylene	11.95	106	20763	2.961	ug/l	97
73) Isopropylbenzene	12.25	105	4575	0.290	ug/l	92
80) 1,3,5-Trimethylbenzene	12.74	105	34044	2.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	96472	7.372	ug/l	98
95) Naphthalene	15.13	128	25966	4.230	ug/l	99

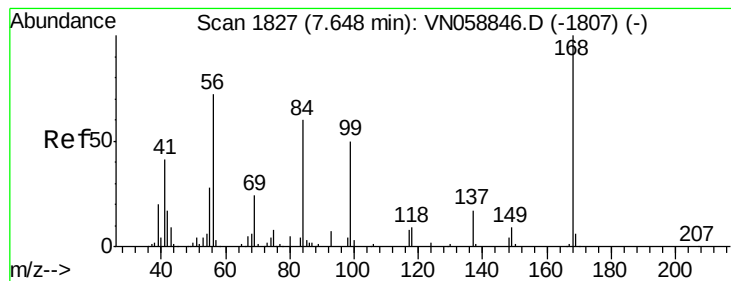
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058993.D

Acq: 28 Oct 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

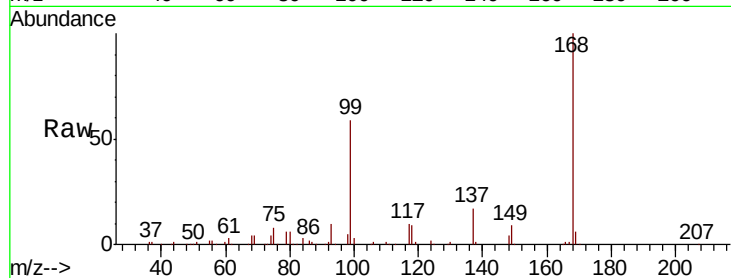
HR-06-102519

Tot Ion:168 Resp: 371367

Ion Ratio Lower Upper

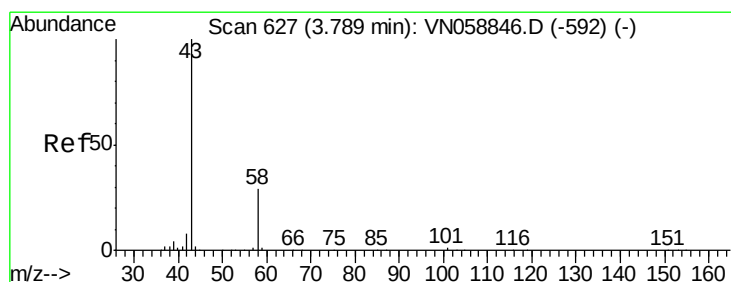
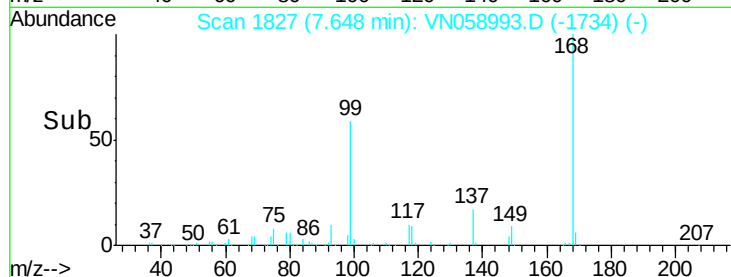
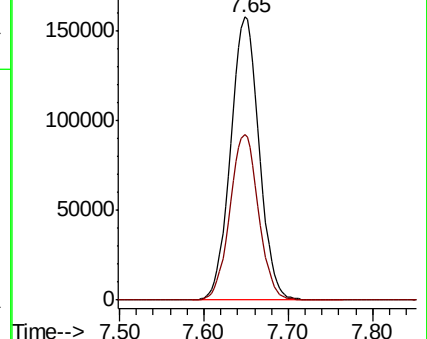
168 100

99 58.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.228 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058993.D

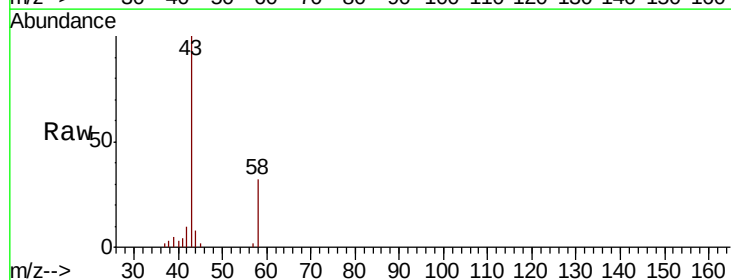
Acq: 28 Oct 2019 13:28

Tgt Ion: 43 Resp: 38294

Ion Ratio Lower Upper

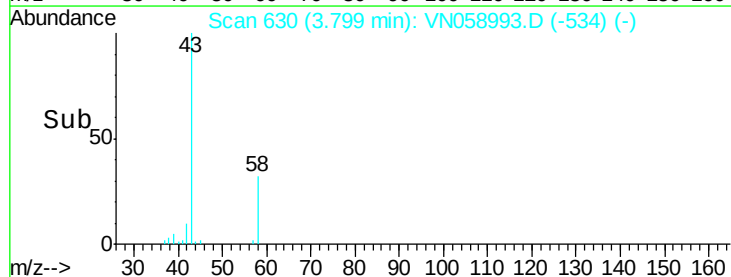
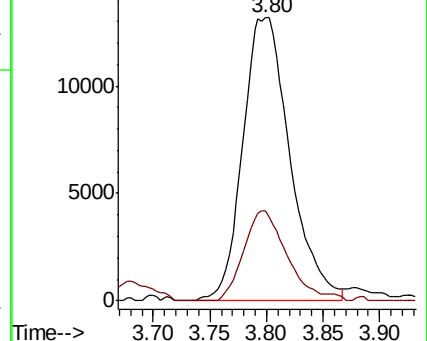
43 100

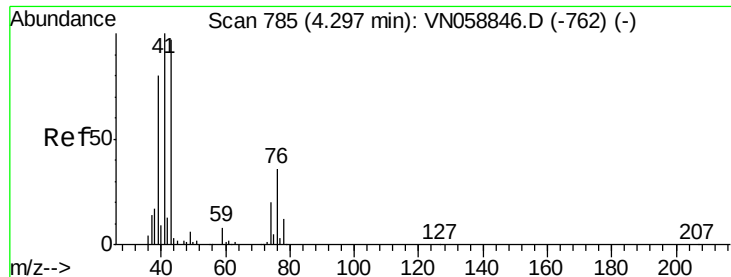
58 31.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

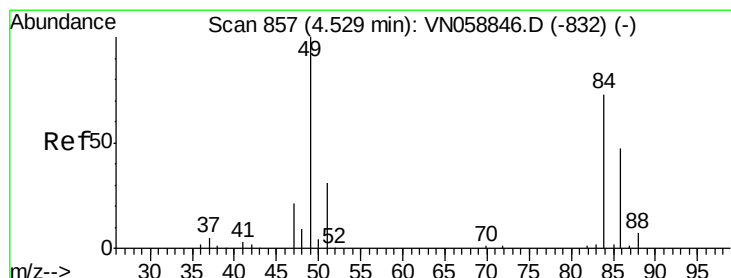
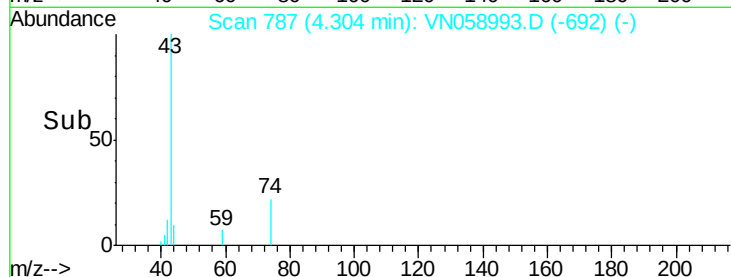
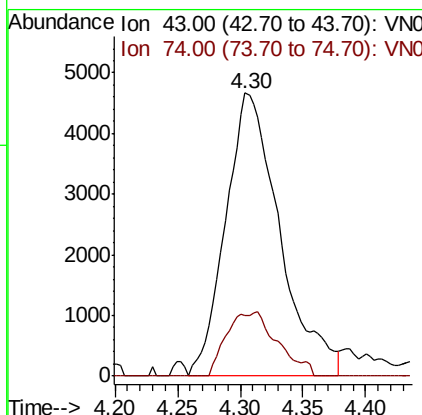
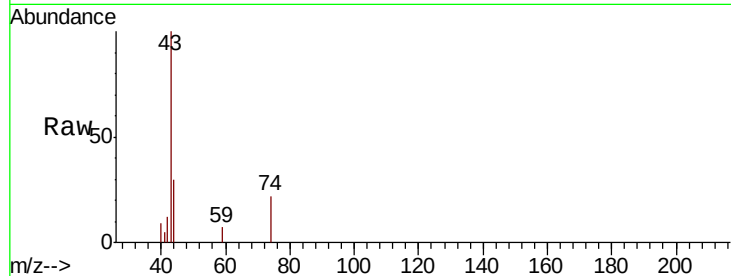




#18
Methvl Acetate
Concen: 2.290 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

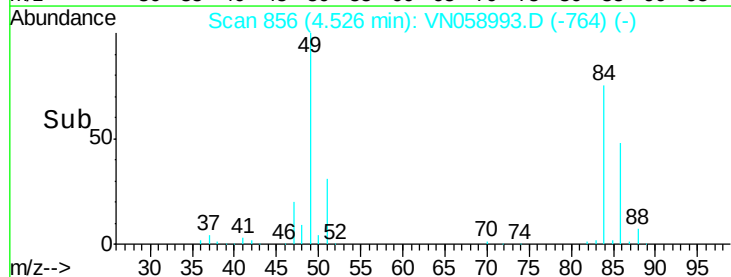
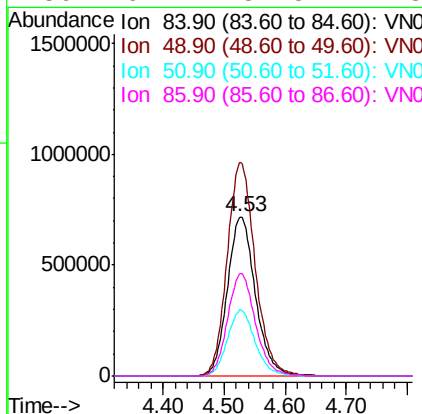
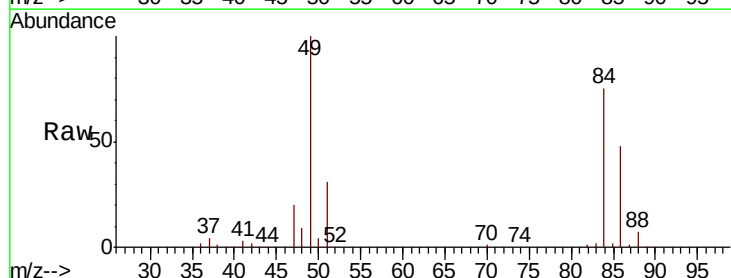
Instrument :
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ClientSampleId :
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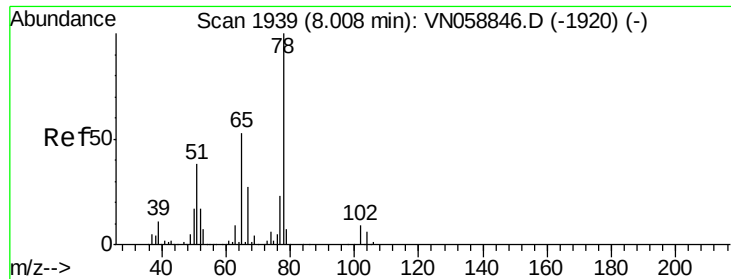
Tot Ion: 43 Resp: 14011
Ion Ratio Lower Upper
43 100
74 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 498.338 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

Tgt Ion: 84 Resp: 2290200
Ion Ratio Lower Upper
84 100
49 134.0 109.6 164.4
51 41.4 33.8 50.6
86 64.2 51.5 77.3

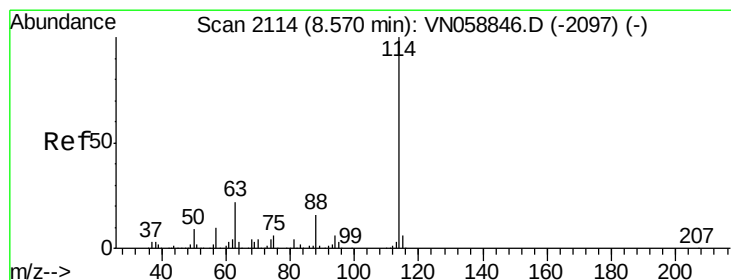
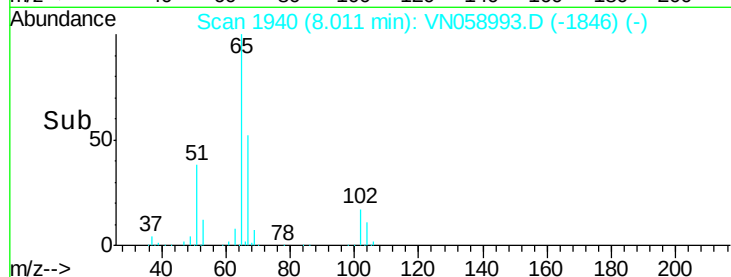
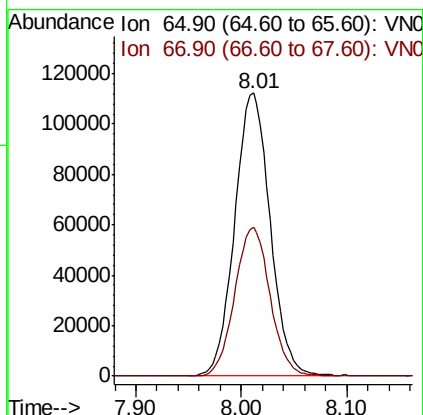
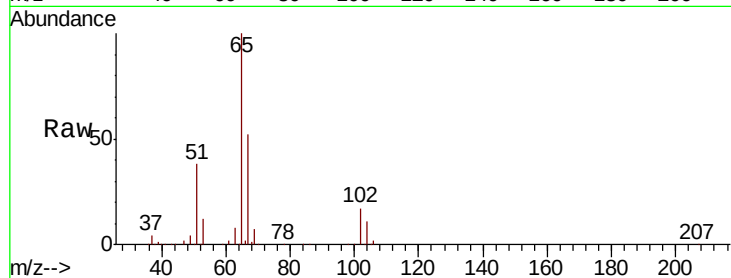




#33
 1,2-Dichloroethane-d4
 Concen: 48.106 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058993.D
 Acq: 28 Oct 2019 13:28

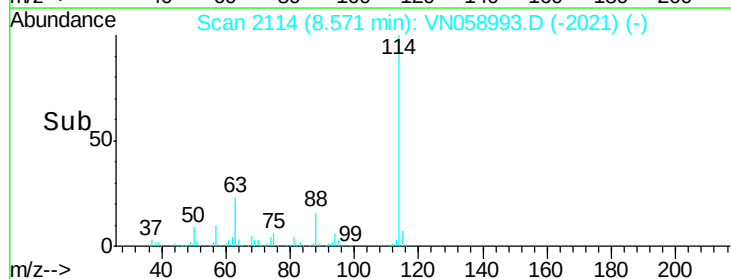
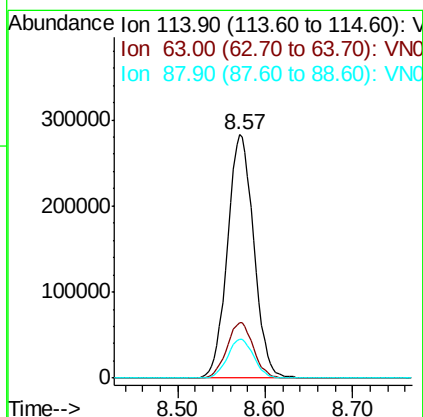
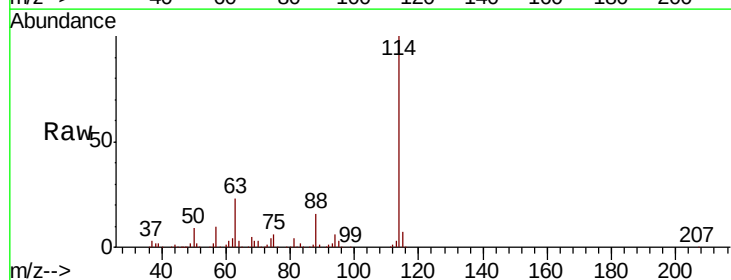
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-102519

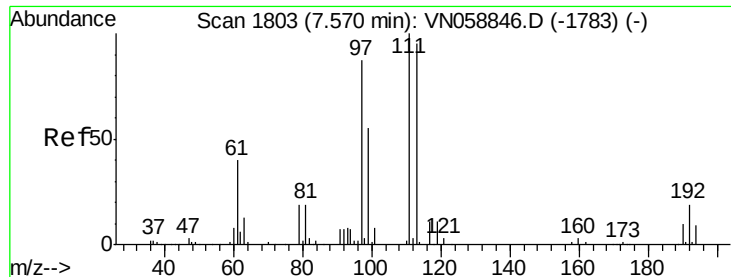
Tot Ion: 65 Resp: 262018
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058993.D
 Acq: 28 Oct 2019 13:28

Tgt Ion: 114 Resp: 590361
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.4
 88 16.2 0.0 31.4

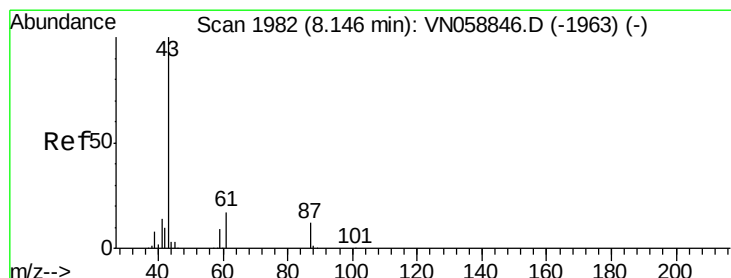
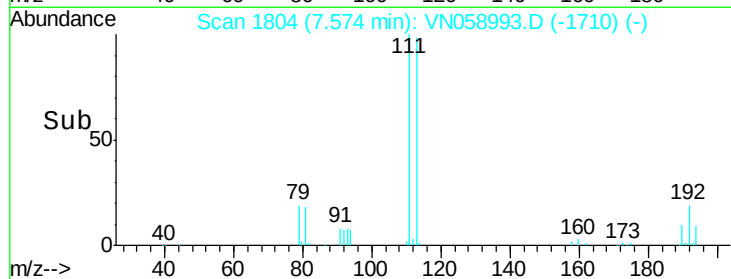
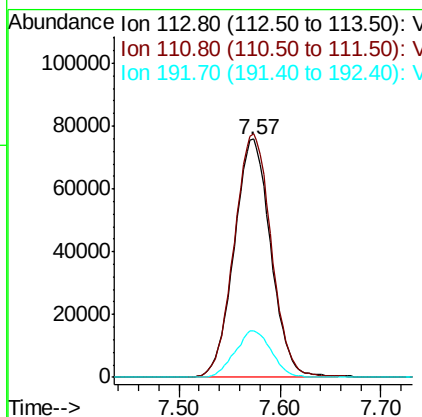
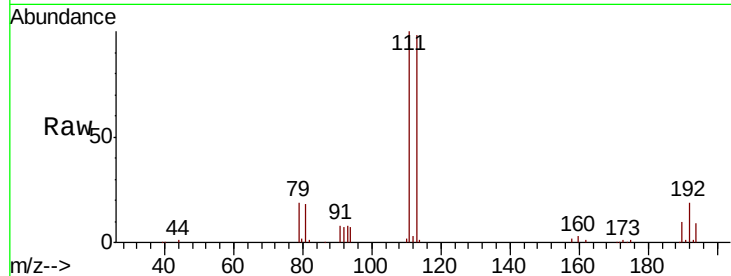




#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

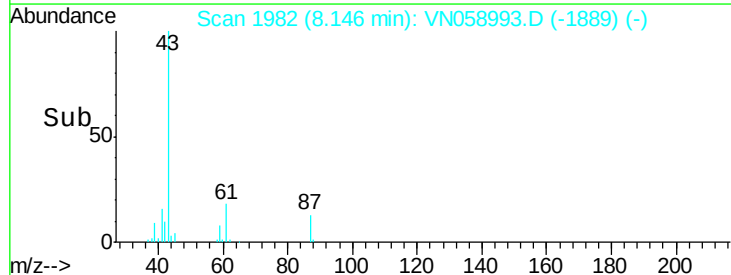
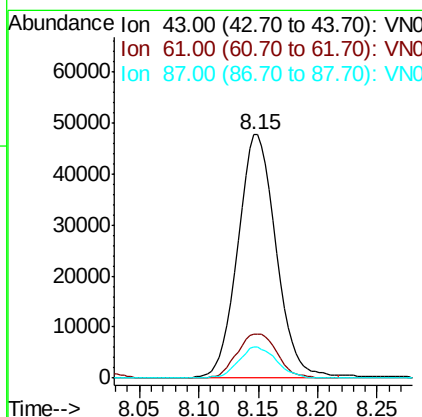
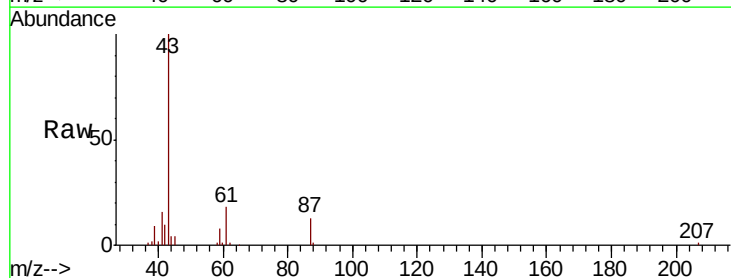
Instrument :
MSVOA_N
ClientSampleId :
HR-06-102519

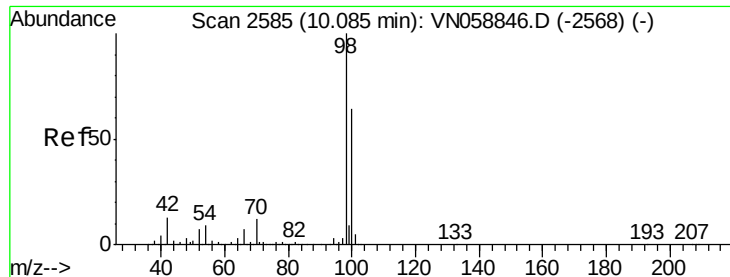
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	19.3	15.0	22.6



#43
Isopropyl Acetate
Concen: 10.098 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	20.2	30.2#
87	12.6	9.5	14.3





#50

Toluene-d8

Concen: 50.723 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058993.D

Acq: 28 Oct 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

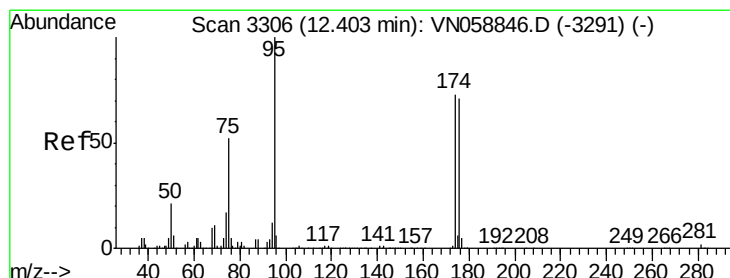
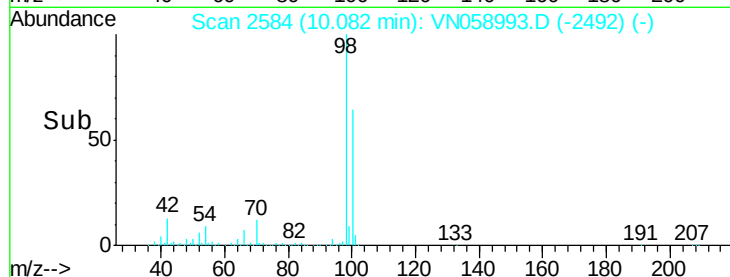
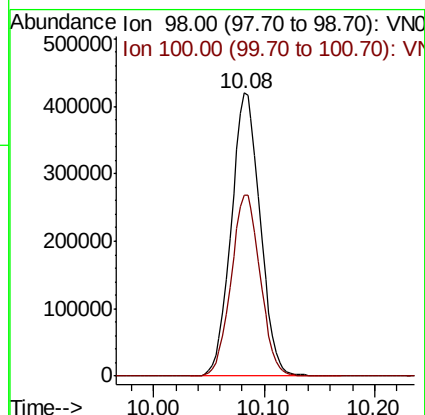
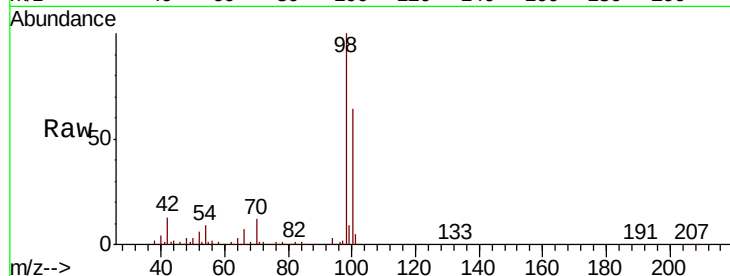
HR-06-102519

Tot Ion: 98 Resp: 764260

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058993.D

Acq: 28 Oct 2019 13:28

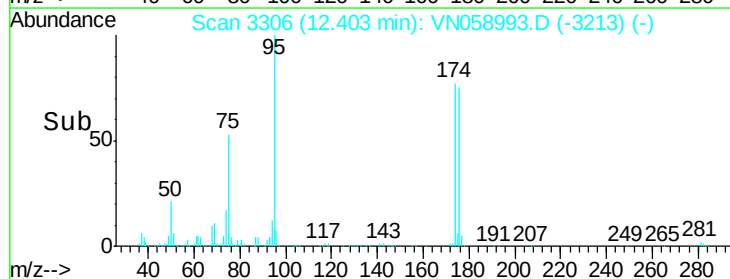
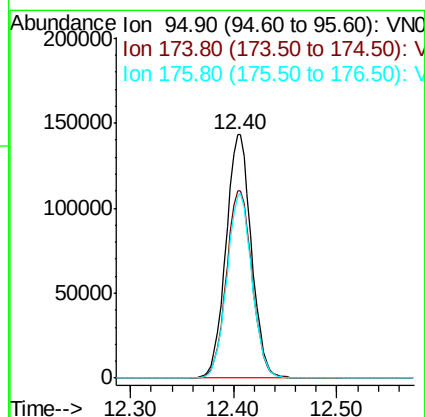
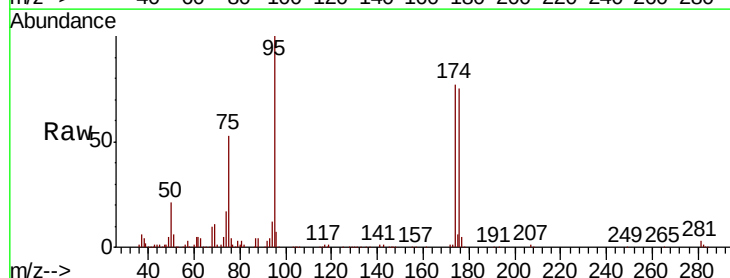
Tgt Ion: 95 Resp: 246025

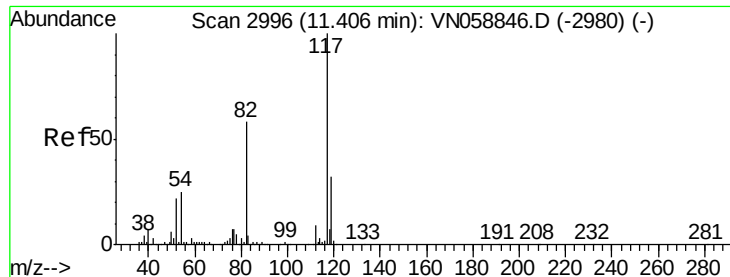
Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.6

176 74.9 0.0 143.2

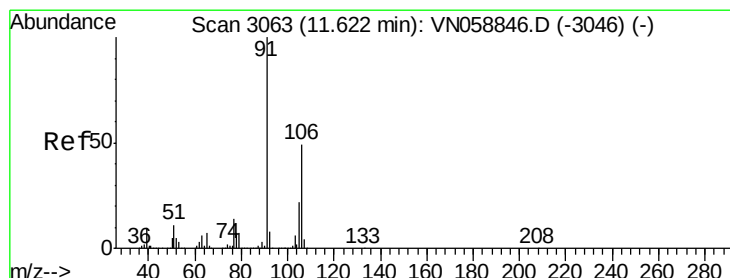
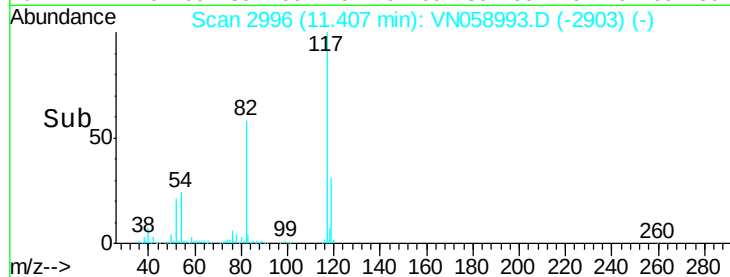
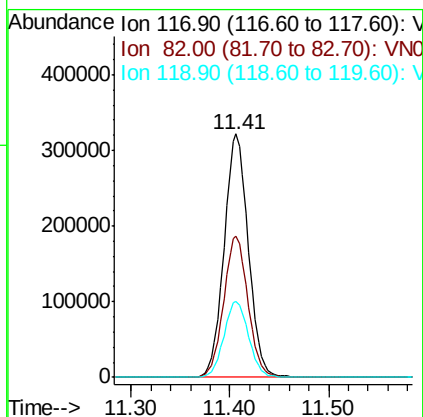
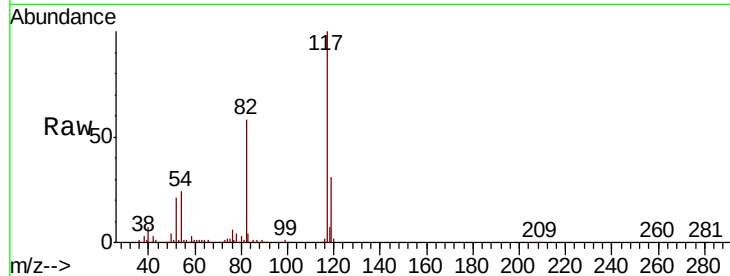




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

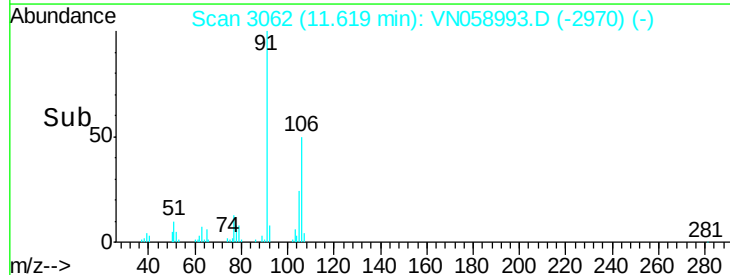
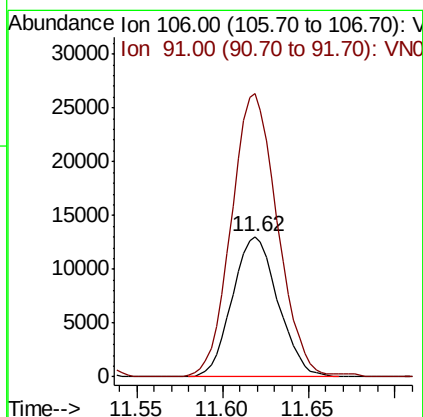
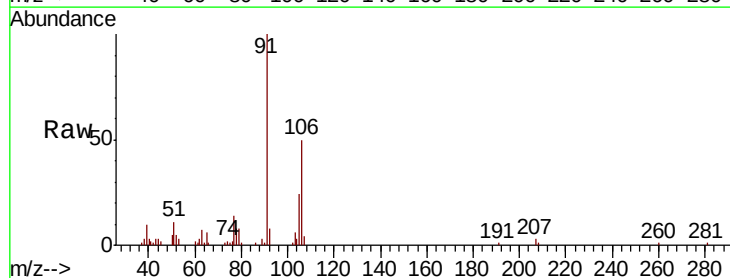
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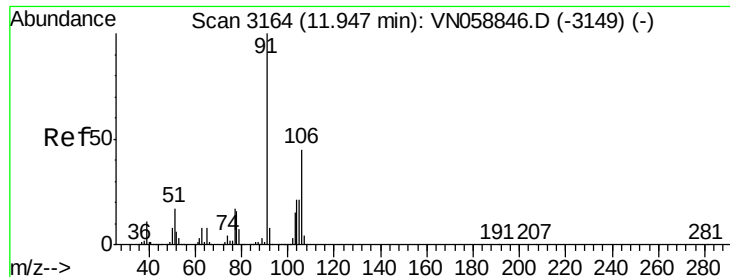
Tot Ion:117 Resp: 555069
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 3.273 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

Tgt Ion:106 Resp: 24060
Ion Ratio Lower Upper
106 100
91 203.4 166.6 249.8

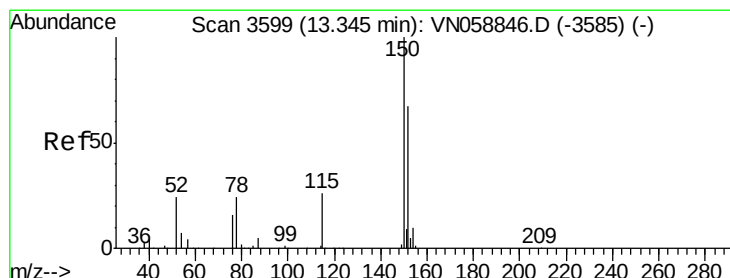
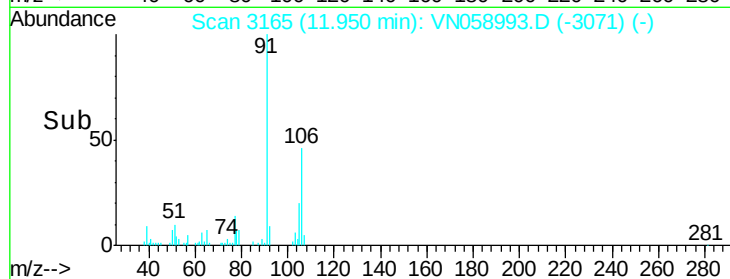
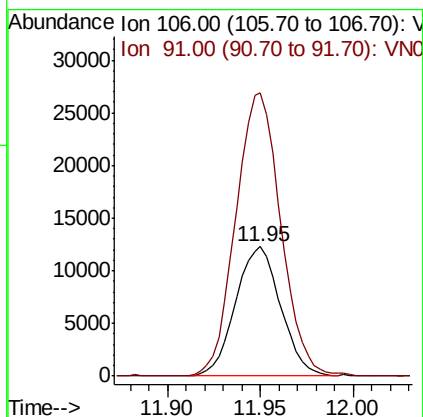
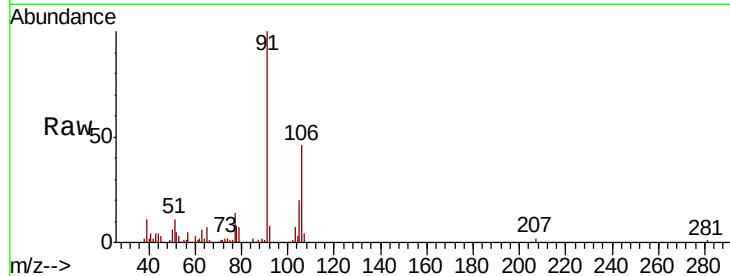




#69
o-Xylene
Concen: 2.961 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

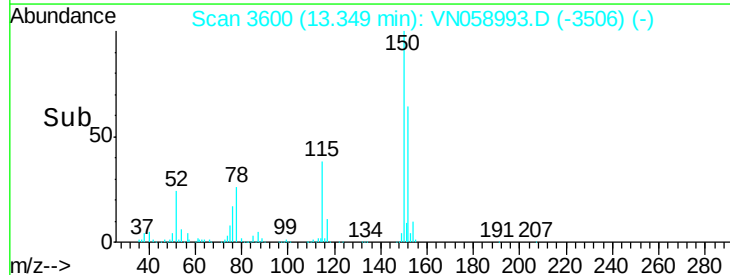
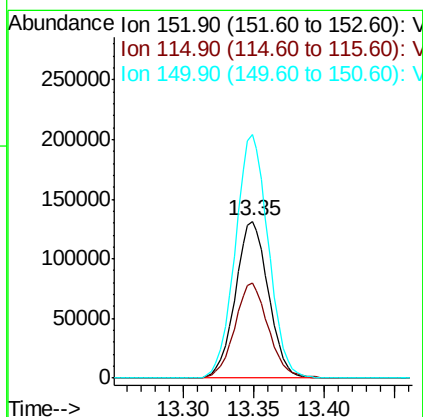
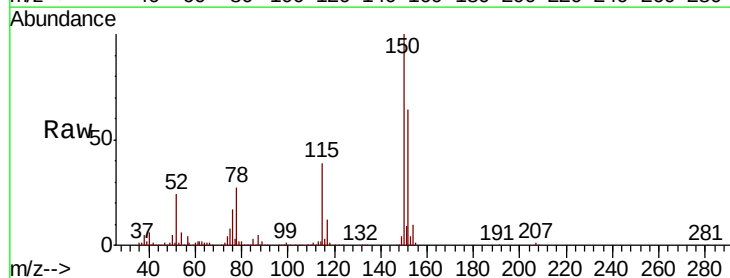
Instrument :
MSVOA_N
ClientSampleId :
HR-06-102519

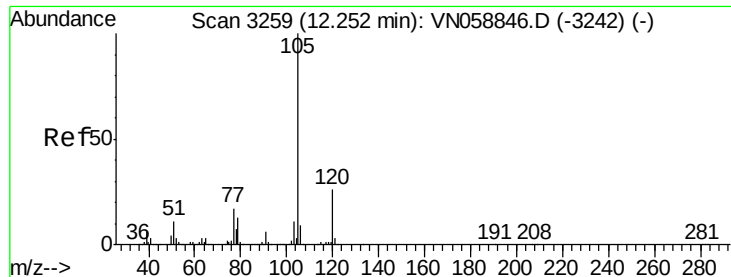
Tot Ion:106 Resp: 20763
Ion Ratio Lower Upper
106 100
91 218.8 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058993.D
Acq: 28 Oct 2019 13:28

Tgt Ion:152 Resp: 216073
Ion Ratio Lower Upper
152 100
115 61.2 30.5 91.5
150 155.5 0.0 344.4





#73

Isopropylbenzene

Concen: 0.290 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN058993.D

Acq: 28 Oct 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

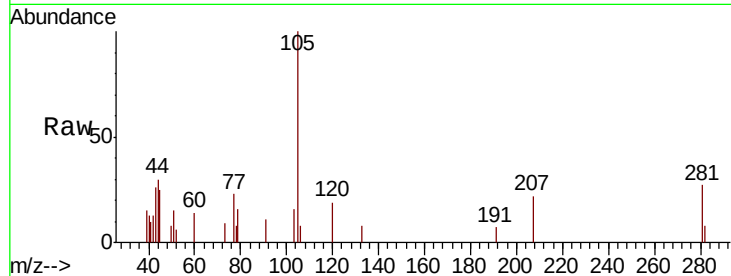
HR-06-102519

Tot Ion:105 Resp: 4575

Ion Ratio Lower Upper

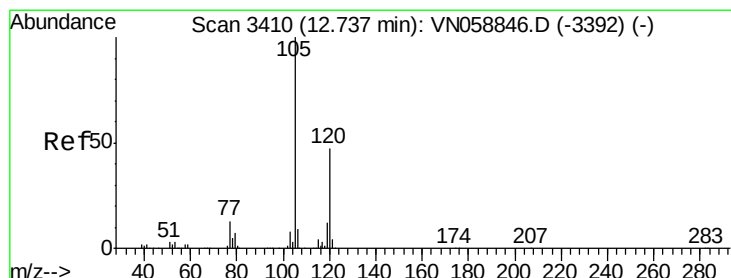
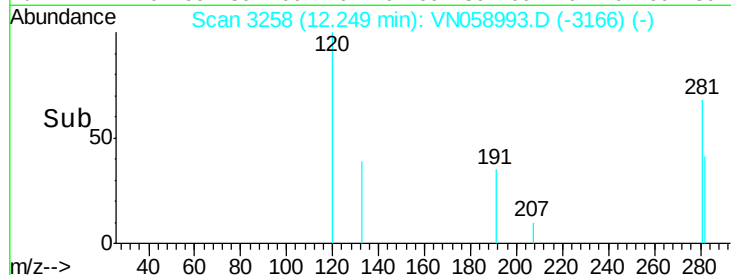
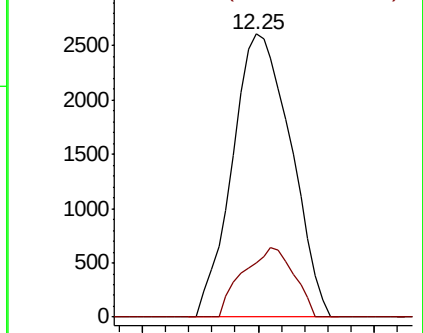
105 100

120 21.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.566 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058993.D

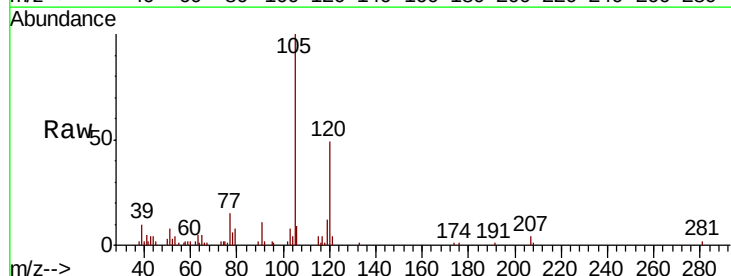
Acq: 28 Oct 2019 13:28

Tgt Ion:105 Resp: 34044

Ion Ratio Lower Upper

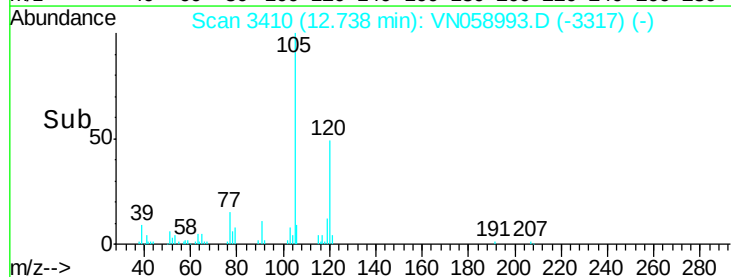
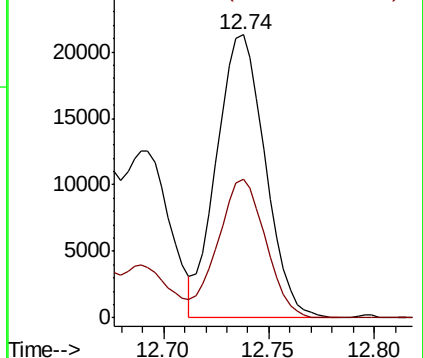
105 100

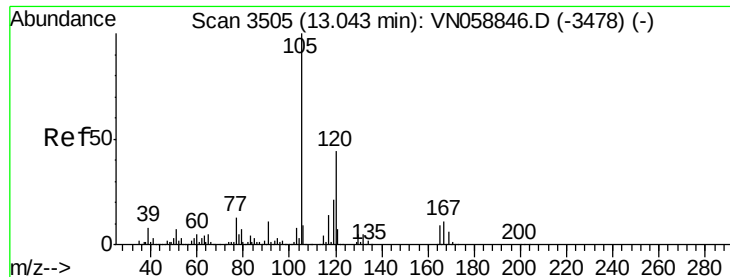
120 48.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

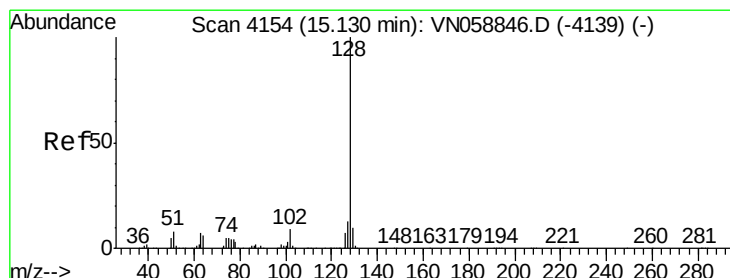
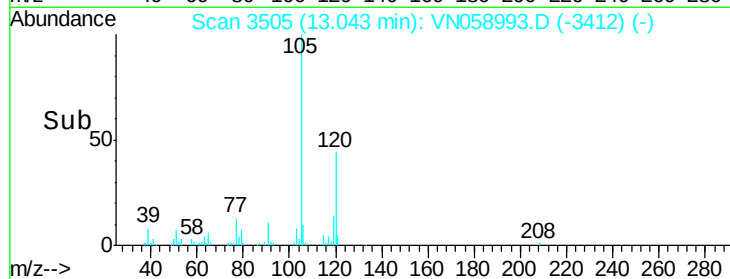
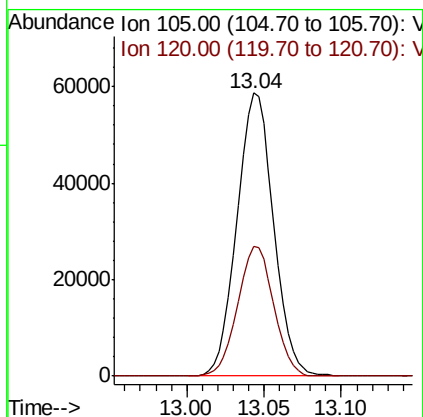
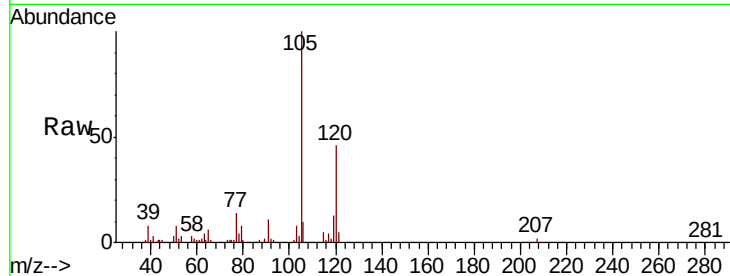




#84
 1,2,4-Trimethylbenzene
 Concen: 7.372 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN058993.D
 Acq: 28 Oct 2019 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-102519

Tot Ion:105 Resp: 96472
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.9 65.8



#95
 Naphthalene
 Concen: 4.230 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058993.D
 Acq: 28 Oct 2019 13:28

Tgt Ion:128 Resp: 25966
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 9.8 8.4 12.6

