

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059396.D
 Acq On : 25 Nov 2019 20:13
 Operator : JC/SP
 Sample : K5972-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 25441-26560

Quant Time: Nov 26 02:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	363494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	504419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208100	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	208969	47.91	ug/l	0.00
Spiked Amount						
			Recovery	=	95.82%	
35) Dibromofluoromethane	7.57	113	168183	50.14	ug/l	0.00
Spiked Amount						
			Recovery	=	100.28%	
50) Toluene-d8	10.08	98	686250	51.46	ug/l	0.00
Spiked Amount						
			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	232947	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	

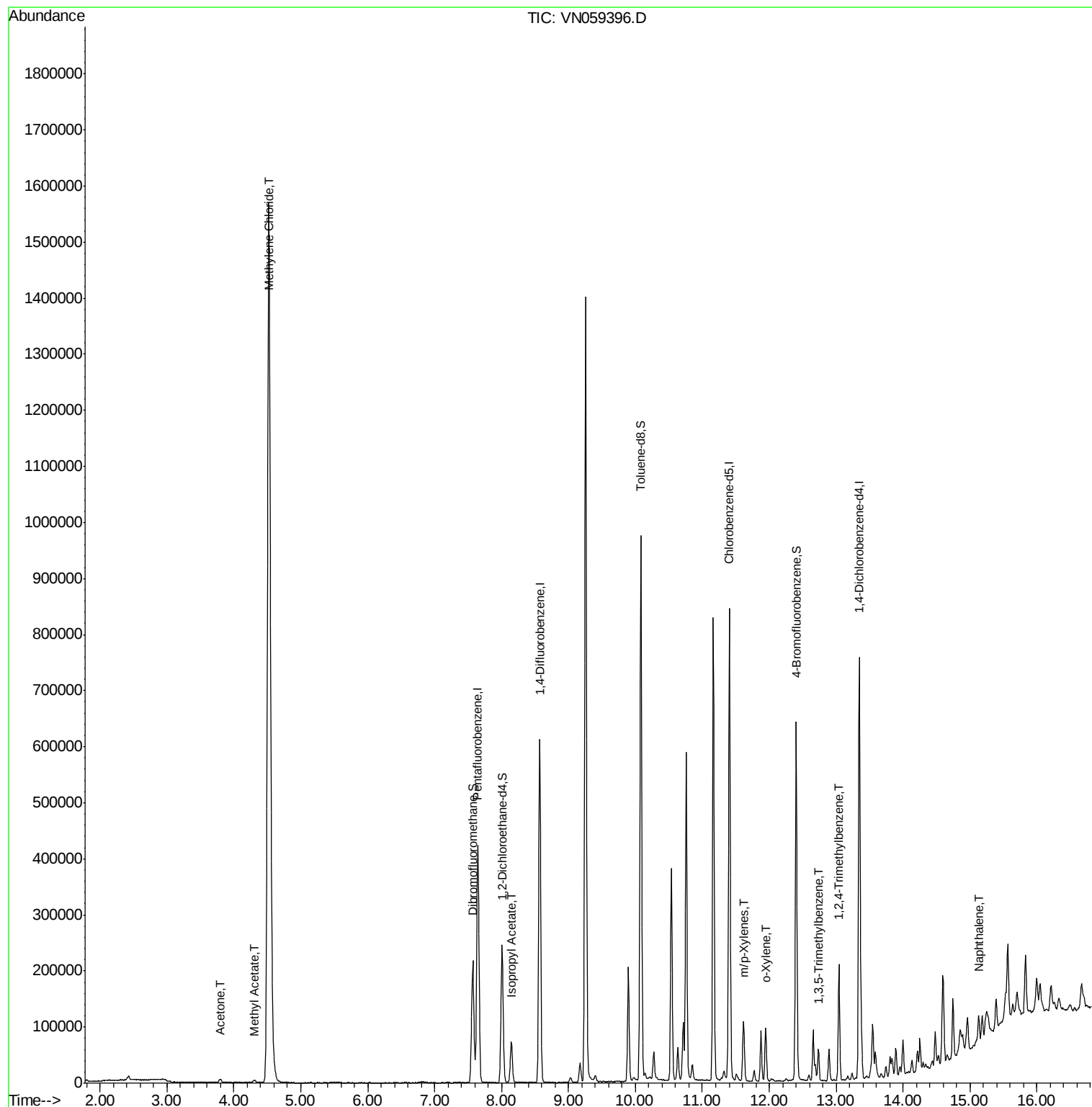
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	10977	5.613	ug/l	93
18) Methyl Acetate	4.30	43	7629	1.176	ug/l #	88
20) Methylene Chloride	4.52	84	1282907	290.880	ug/l	98
43) Isopropyl Acetate	8.15	43	85514	9.020	ug/l #	92
68) m/p-Xylenes	11.62	106	34004	4.725	ug/l	99
69) o-Xylene	11.95	106	25175	3.654	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	31894	2.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	119840	8.537	ug/l	99
95) Naphthalene	15.13	128	36366	5.944	ug/l #	95

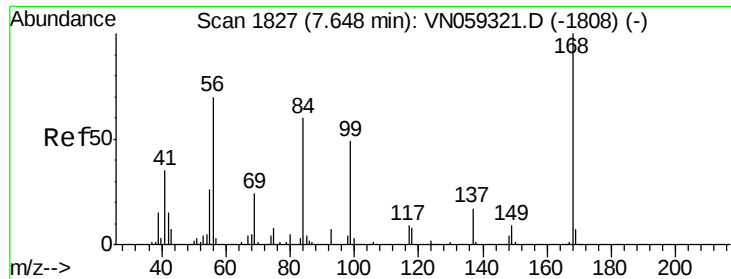
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

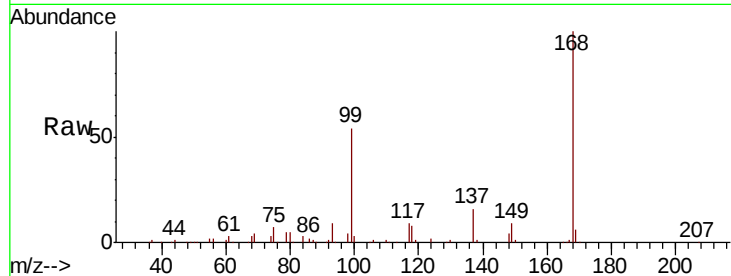
25441-26560

Tot Ion:168 Resp: 363494

Ion Ratio Lower Upper

168 100

99 53.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

150000

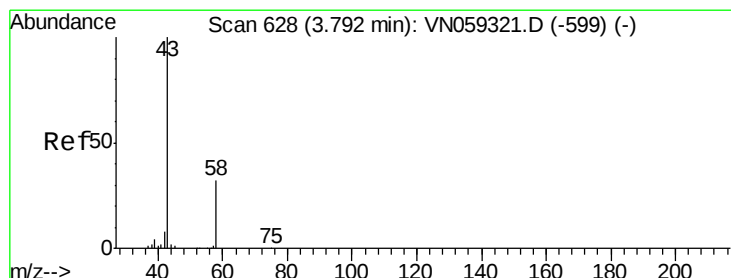
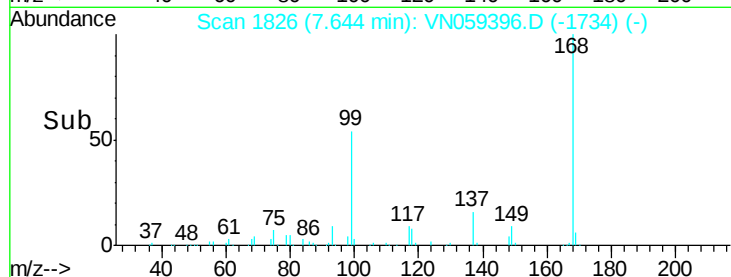
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.613 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059396.D

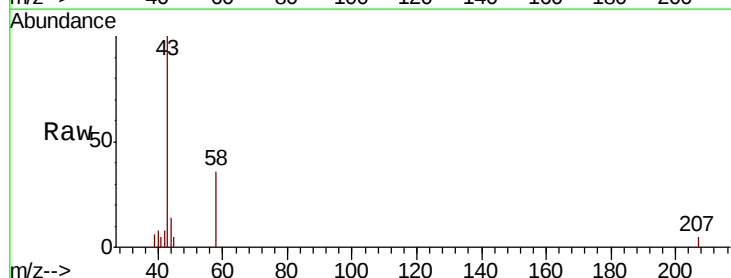
Acq: 25 Nov 2019 20:13

Tgt Ion: 43 Resp: 10977

Ion Ratio Lower Upper

43 100

58 36.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

3000

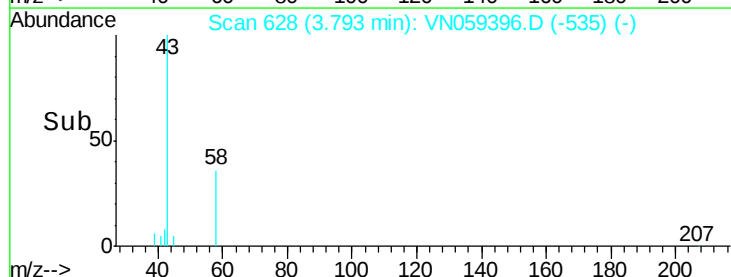
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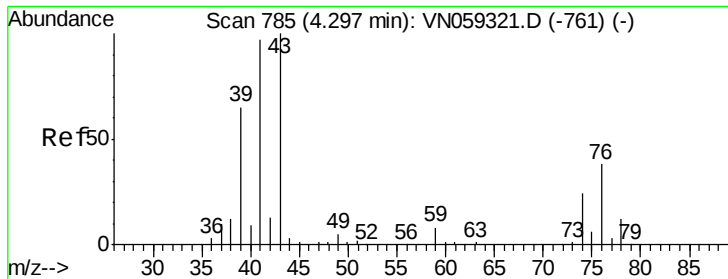
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

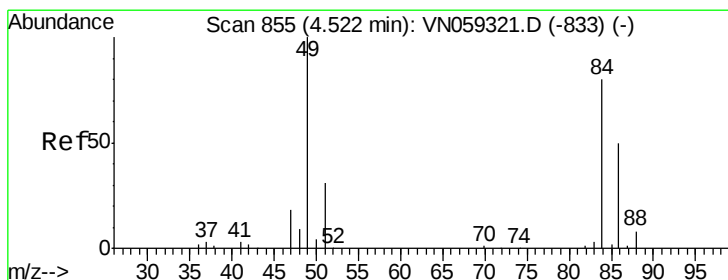
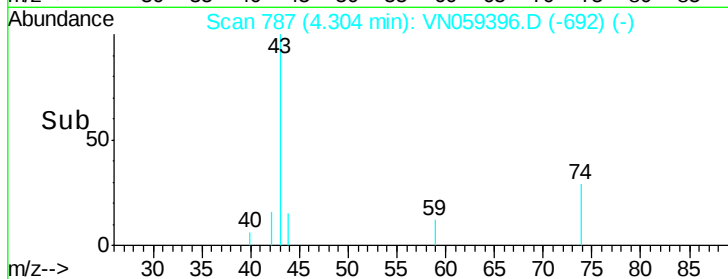
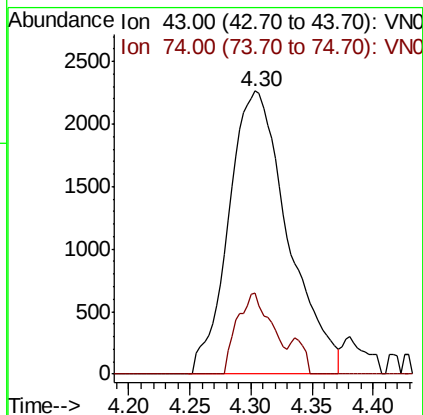
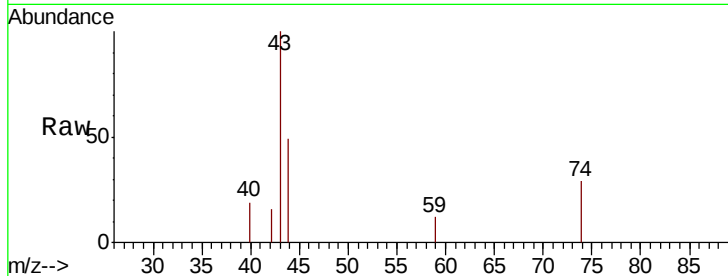




#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

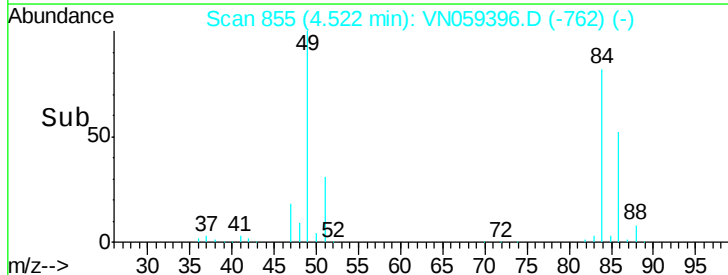
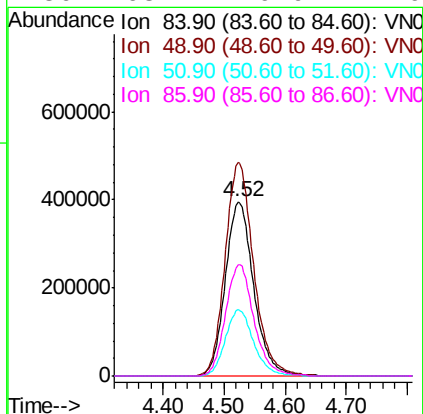
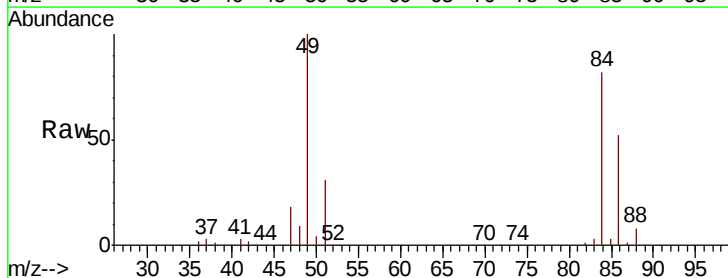
Instrument :
MSVOA_N
ClientSampled :
25441-26560

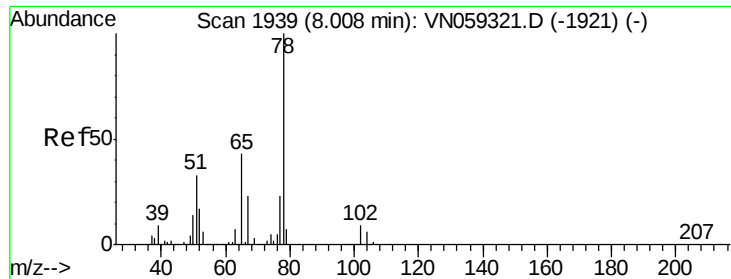
Tot Ion: 43 Resp: 7629
Ion Ratio Lower Upper
43 100
74 16.8 18.1 27.1#



#20
Methylene Chloride
Concen: 290.880 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion: 84 Resp: 1282907
Ion Ratio Lower Upper
84 100
49 122.6 99.5 149.3
51 38.0 31.1 46.7
86 63.7 49.9 74.9

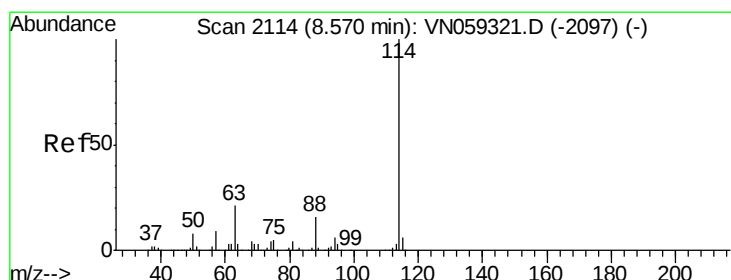
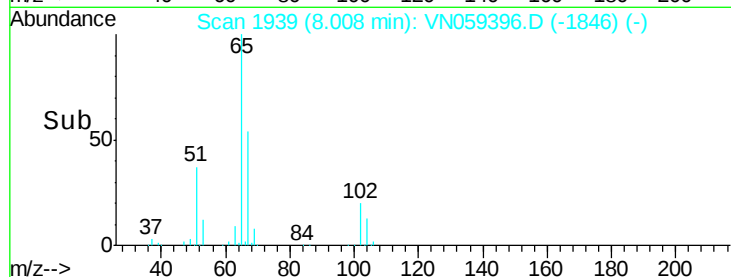
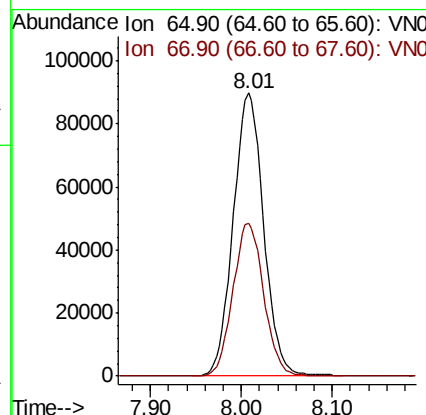
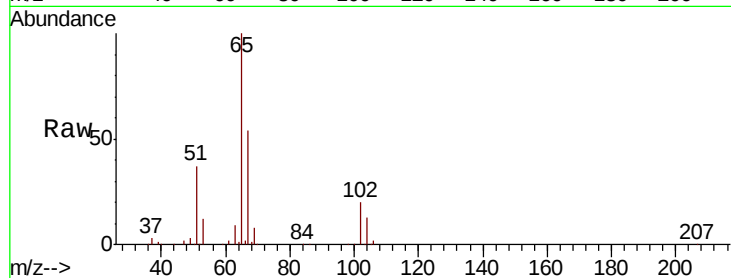




#33
 1,2-Dichloroethane-d4
 Concen: 47.914 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

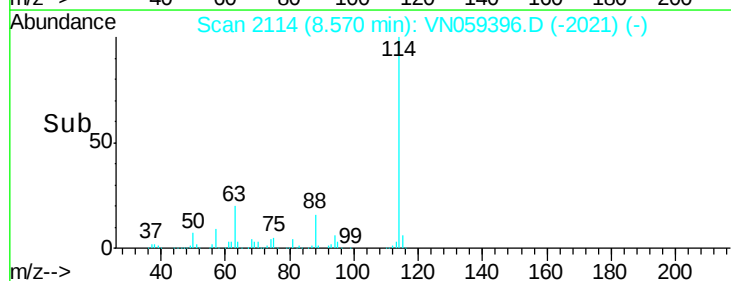
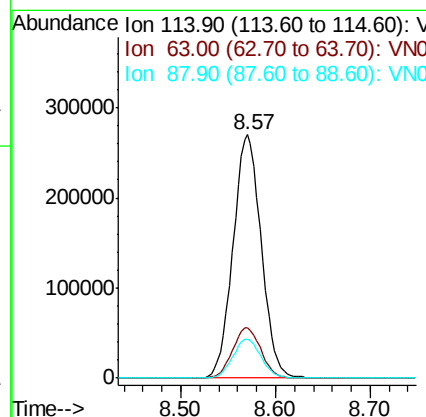
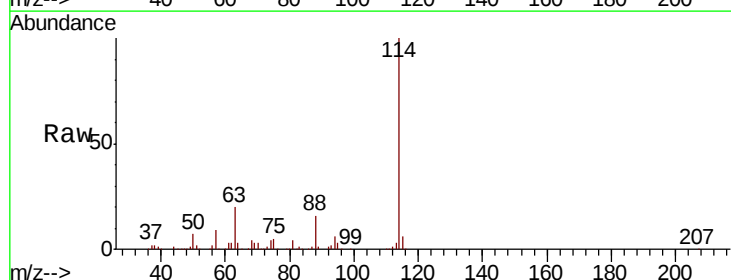
Instrument :
 MSVOA_N
 ClientSampleId :
 25441-26560

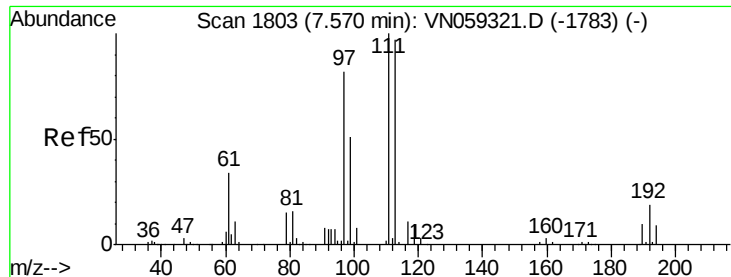
Tot Ion: 65 Resp: 208969
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion: 114 Resp: 559116
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 16.2 0.0 32.2

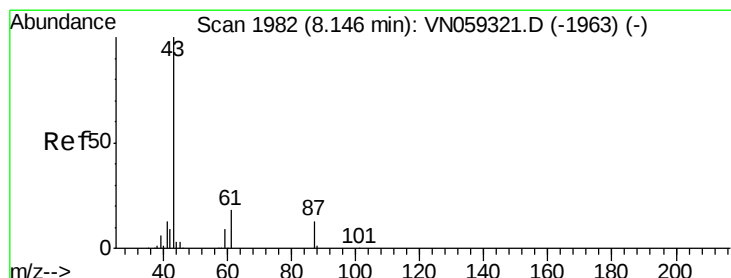
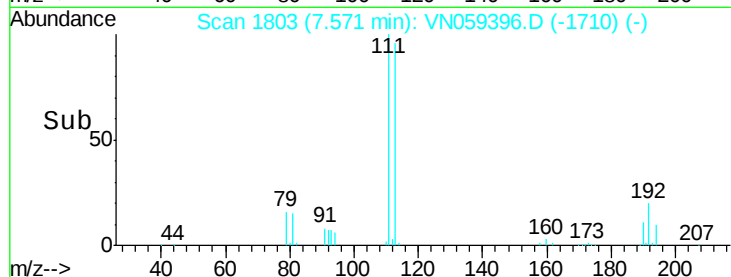
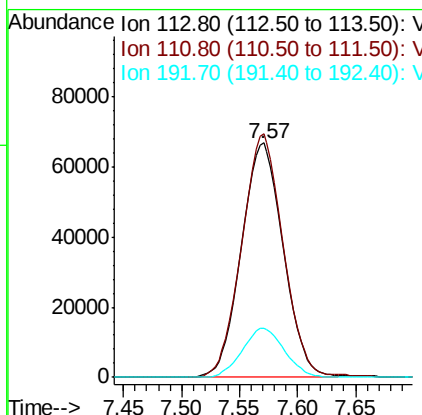
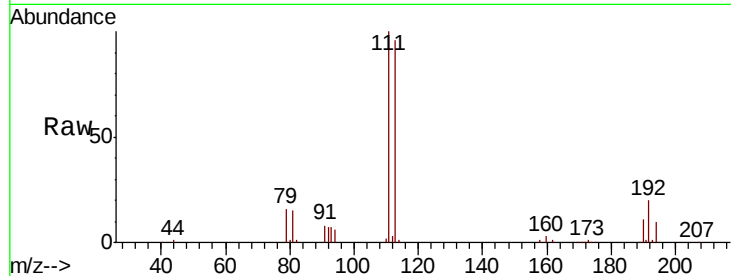




#35
 Dibromofluoromethane
 Concen: 50.138 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

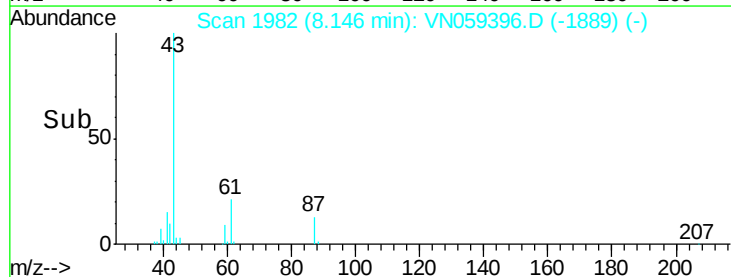
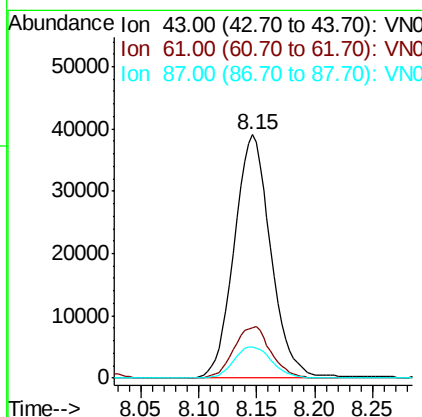
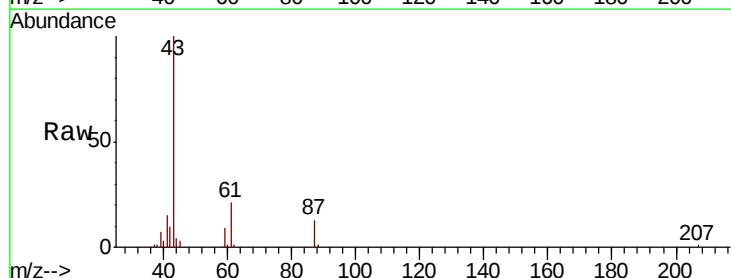
Instrument :
 MSVOA_N
 ClientSampleId :
 25441-26560

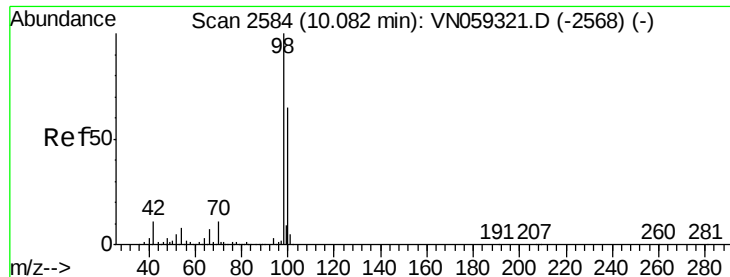
Tot Ion:113 Resp: 168183
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 21.1 16.3 24.5



#43
 Isopropyl Acetate
 Concen: 9.020 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion: 43 Resp: 85514
 Ion Ratio Lower Upper
 43 100
 61 21.3 21.7 32.5#
 87 13.1 10.2 15.4





#50

Toluene-d8

Concen: 51.462 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

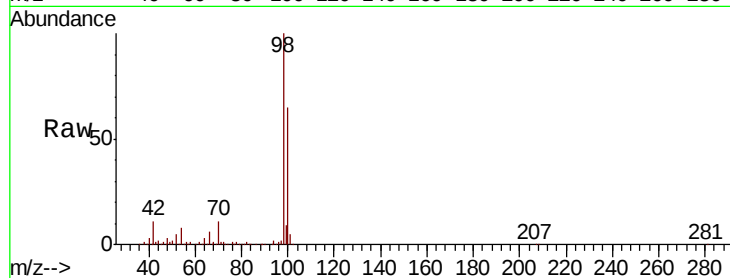
25441-26560

Tot Ion: 98 Resp: 686250

Ion Ratio Lower Upper

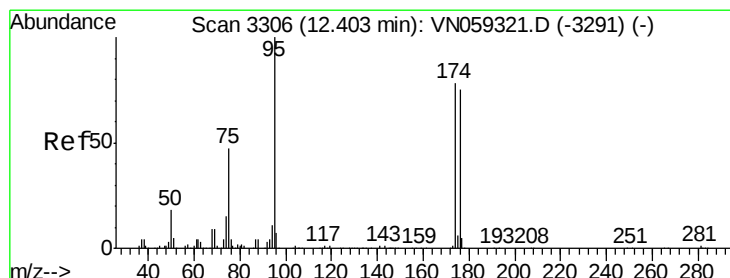
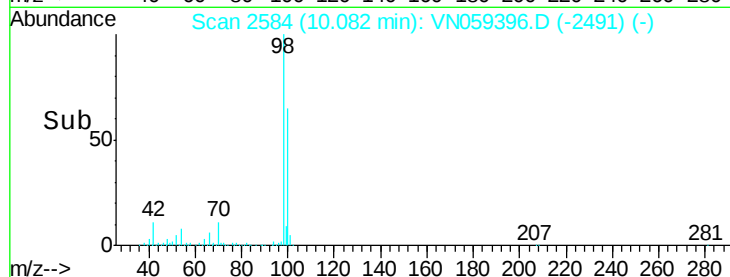
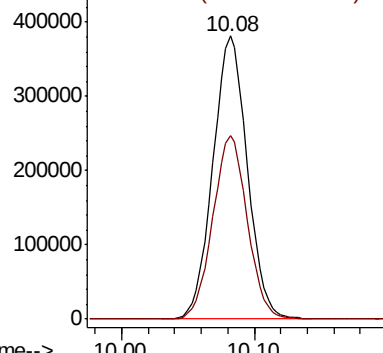
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.960 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

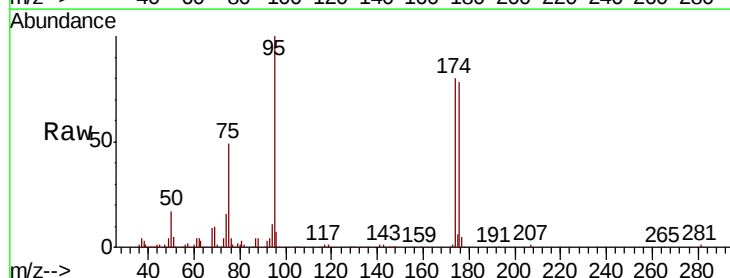
Tgt Ion: 95 Resp: 232947

Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.4

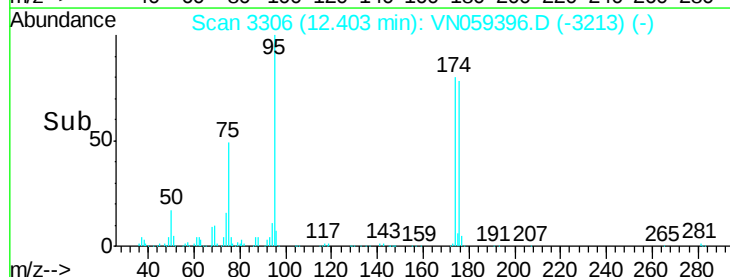
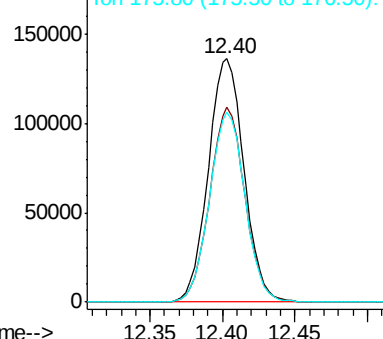
176 77.7 0.0 151.2

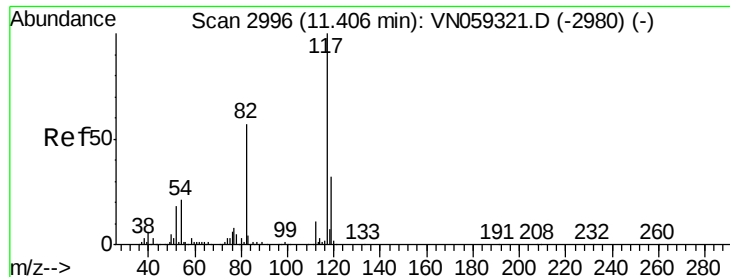


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

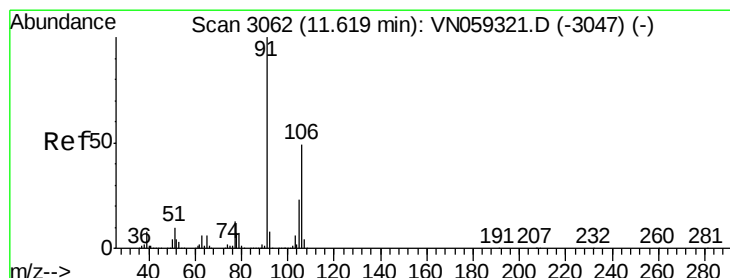
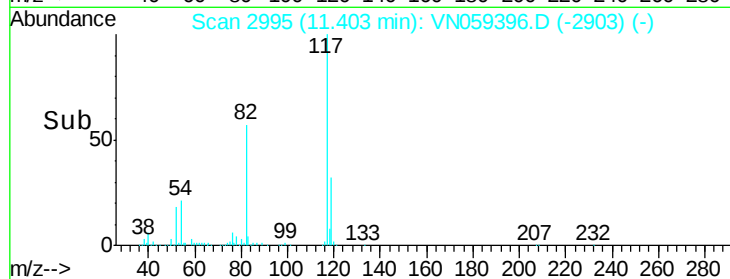
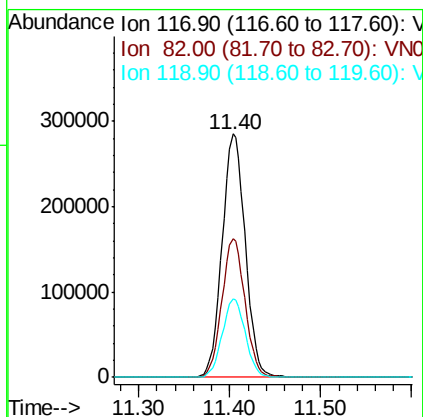
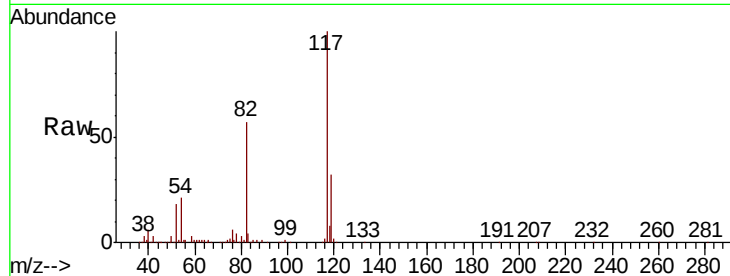




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

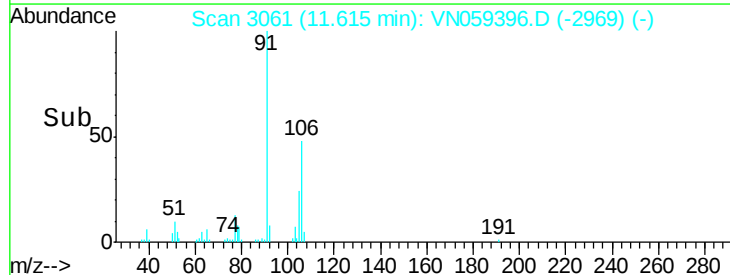
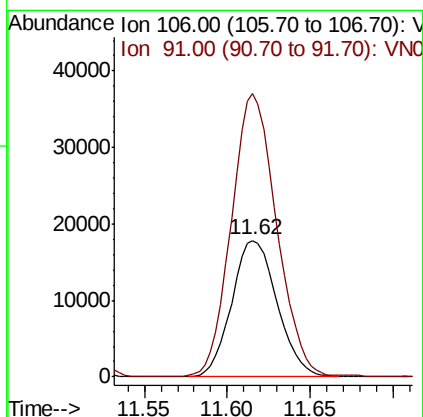
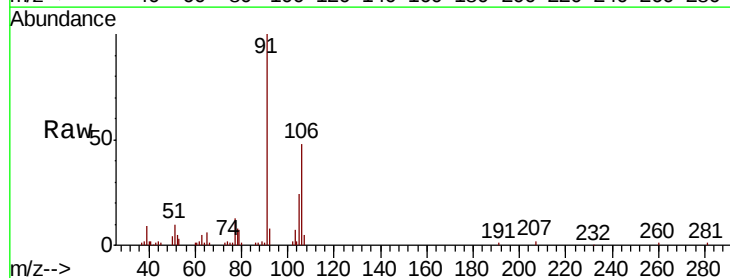
Instrument :
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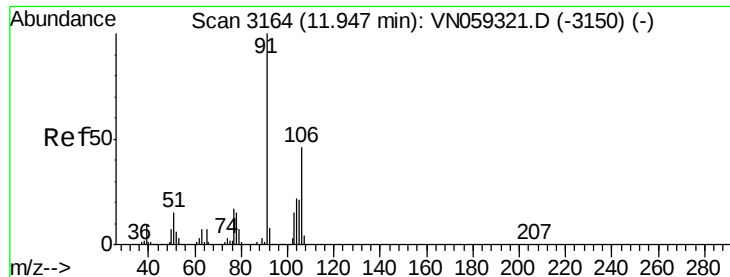
Tot Ion:117 Resp: 504419
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 4.725 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion:106 Resp: 34004
Ion Ratio Lower Upper
106 100
91 206.3 163.2 244.8

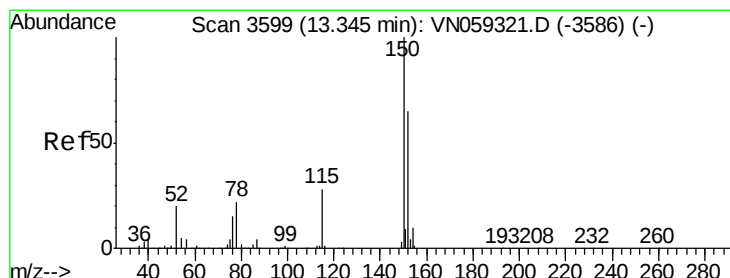
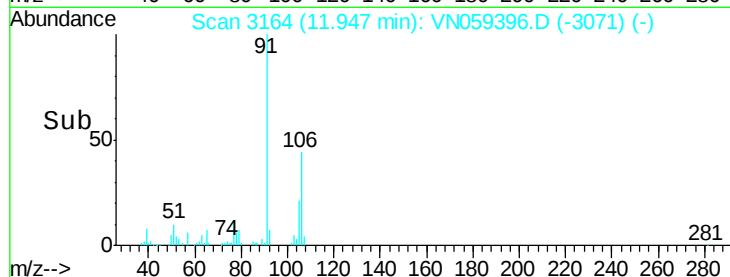
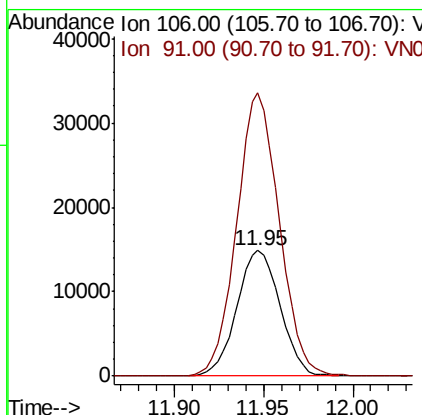
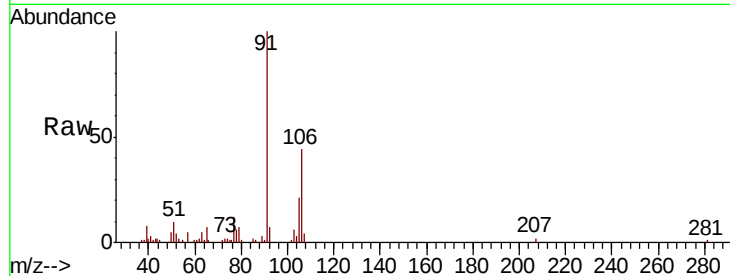




#69
o-Xylene
Concen: 3.654 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

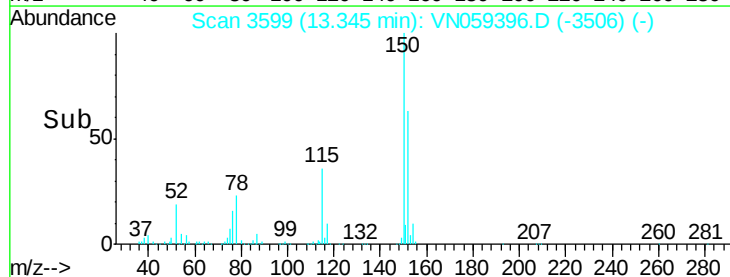
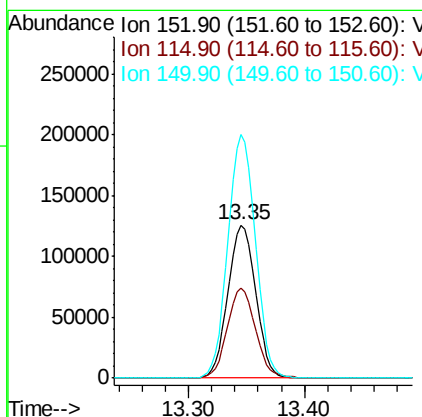
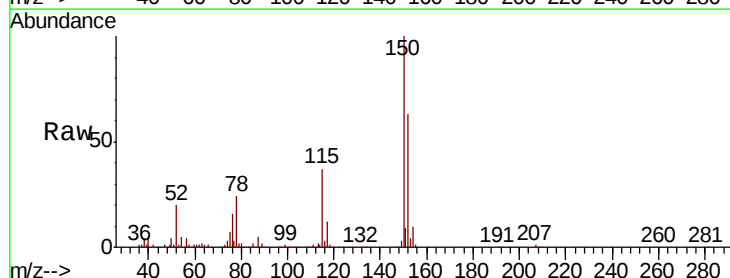
Instrument :
MSVOA_N
ClientSampleId :
25441-26560

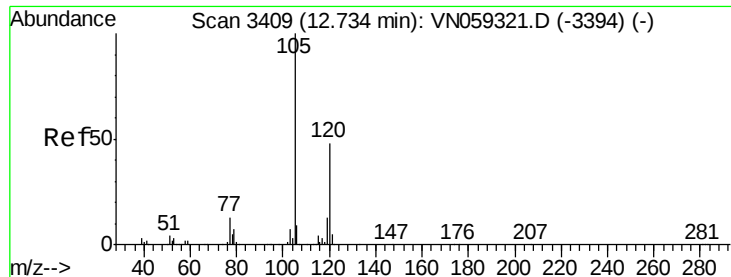
Tot Ion:106 Resp: 25175
Ion Ratio Lower Upper
106 100
91 221.5 109.3 327.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion:152 Resp: 208100
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 158.3 0.0 346.0





#80

1,3,5-Trimethylbenzene

Concen: 2.226 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

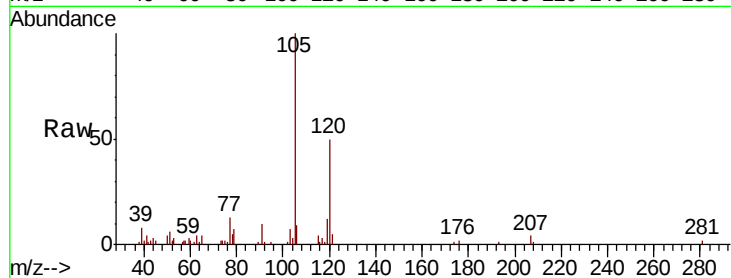
25441-26560

Tot Ion:105 Resp: 31894

Ion Ratio Lower Upper

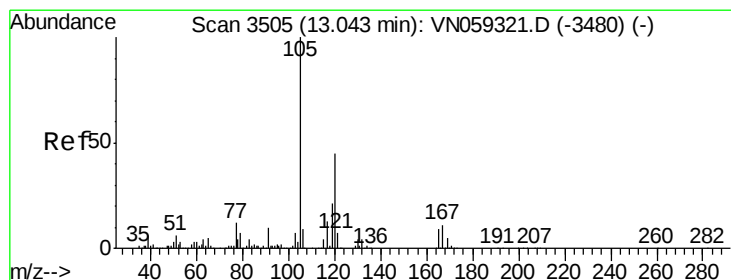
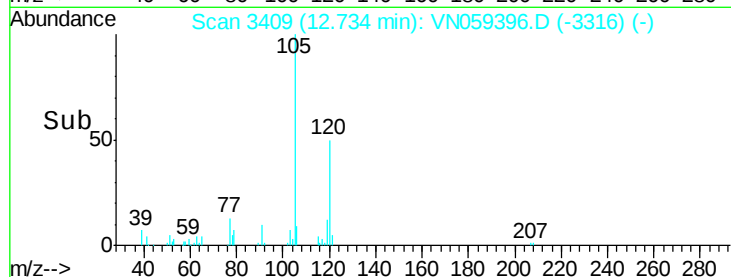
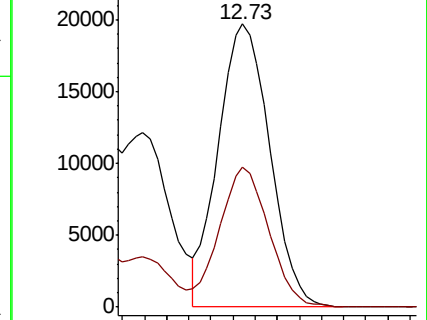
105 100

120 47.9 24.1 72.4



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: 8.537 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059396.D

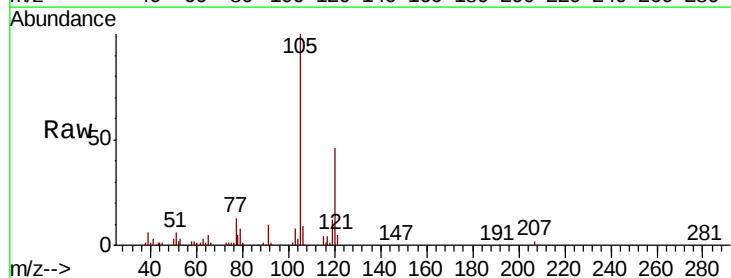
Acq: 25 Nov 2019 20:13

Tgt Ion:105 Resp: 119840

Ion Ratio Lower Upper

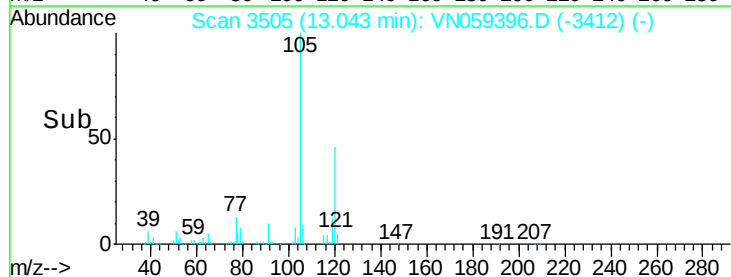
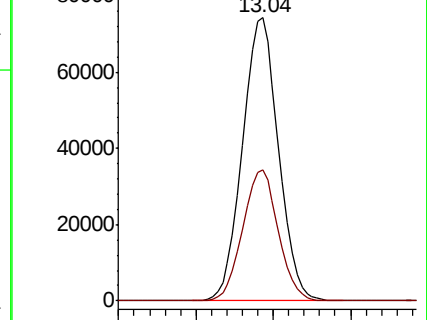
105 100

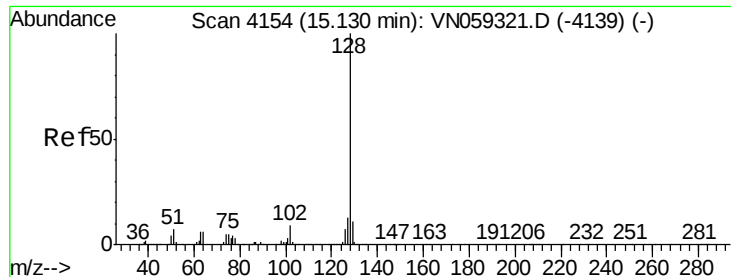
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.944 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

25441-26560

Tot Ion:128 Resp: 36366

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 13.1 8.6 13.0#

