

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058394.D
 Acq On : 26 Sep 2019 18:39
 Operator : JC/SP
 Sample : K5037-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30335

Quant Time: Sep 27 02:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	508309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	798146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	645990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	343375	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.57	113	234345	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	10.08	98	978264	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.41	95	315486	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1308	Below Cal		95
4) Vinyl Chloride	2.23	62	30	Below Cal	#	84
5) Bromomethane	2.53	94	571	1.024	ug/l #	4
6) Chloroethane	2.69	64	148	Below Cal	#	5
11) Tert butyl alcohol	4.71	59	3582	4.253	ug/l #	71
13) Acrolein	3.36	56	33	0.264	ug/l #	15
16) Acetone	3.81	43	16431	6.837	ug/l #	84
17) Carbon Disulfide	4.01	76	3128	0.980	ug/l #	90
18) Methyl Acetate	4.32	43	9027	1.428	ug/l	92
20) Methylene Chloride	4.51	84	715	Below Cal	#	71
21) trans-1,2-Dichloroethene	5.00	96	29	Below Cal	#	1
25) 2-Butanone	6.84	43	3307	1.010	ug/l #	88
31) Cyclohexane	7.65	56	14210	Below Cal	#	4
36) 1,1-Dichloropropene	7.65	75	41842	7.270	ug/l #	51
38) Carbon Tetrachloride	7.64	117	51498	8.901	ug/l #	15
39) Methylcyclohexane	9.07	83	3350	0.672	ug/l	87
40) Benzene	8.02	78	13428	0.764	ug/l	97
41) Methacrylonitrile	7.18	41	62	0.931	ug/l #	100
43) Isopropyl Acetate	8.16	43	33060	2.963	ug/l #	57
49) 1,4-Dioxane	9.21	88	1738	20.899	ug/l #	72
51) 4-Methyl-2-Pentanone	9.98	43	2442	0.412	ug/l	98
52) Toluene	10.15	92	149457	13.565	ug/l	100
59) 2-Hexanone	10.61	43	3610	0.820	ug/l	68
67) Ethyl Benzene	11.51	91	54355	2.792	ug/l	100
68) m/p-Xylenes	11.62	106	75262	10.264	ug/l	97
69) o-Xylene	11.95	106	24302	3.370	ug/l	97
76) 1,2,3-Trichloropropane	12.41	75	168079	35.122	ug/l #	100
78) n-propylbenzene	12.60	91	13928	0.732	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	14099	0.996	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.41	75	168079	98.228	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	56389	4.003	ug/l	99
89) n-Butylbenzene	13.63	91	5293	0.380	ug/l #	80
90) Hexachloroethane	13.90	117	609	3.046	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.92	180	3383	0.686	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058394.D
Acq On : 26 Sep 2019 18:39
Operator : JC/SP
Sample : K5037-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

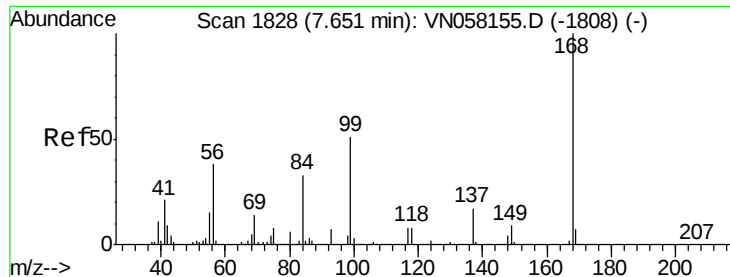
Instrument :
MSVOA_N
ClientSampleId :
30335

Quant Time: Sep 27 02:39:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	78595	6.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	4305	0.924	ug/l	91

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058394.D
Acq On    : 26 Sep 2019   18:39
Operator  : JC/SP
Sample    : K5037-04
Misc      : 5.00mL/MSVOA_N/WATER
ALS Vial  : 28      Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

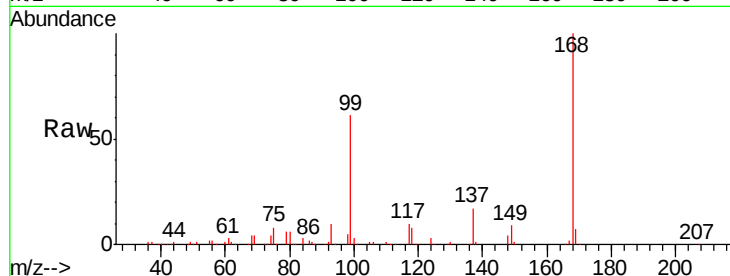
30335

Tgt Ion:168 Resp: 508309

Ion Ratio Lower Upper

168 100

99 60.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

250000

200000

150000

100000

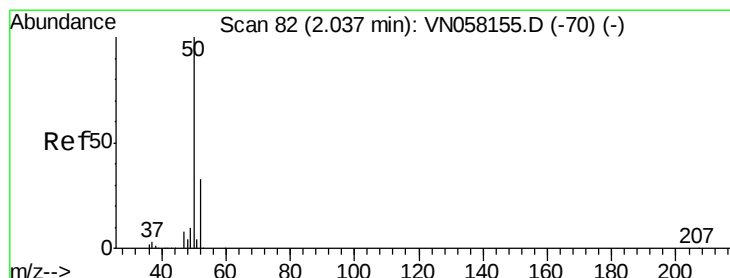
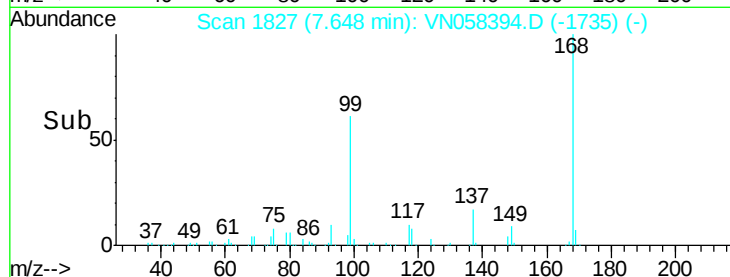
50000

0

7.60

7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058394.D

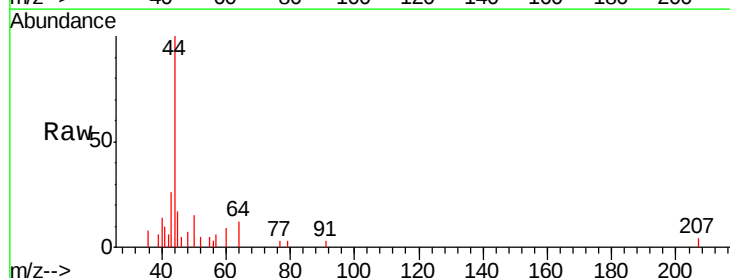
Acq: 26 Sep 2019 18:39

Tgt Ion: 50 Resp: 1308

Ion Ratio Lower Upper

50 100

52 35.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.03

800

600

400

200

0

2.00

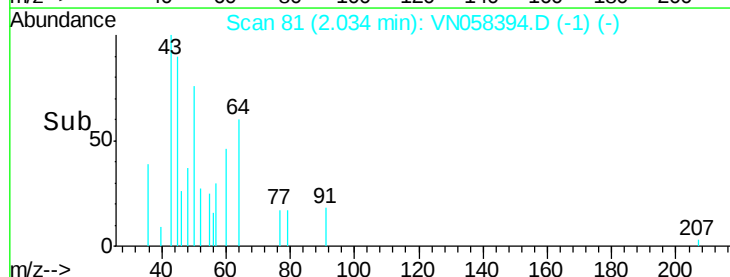
2.02

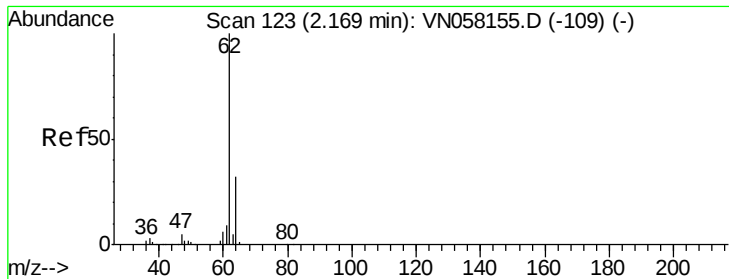
2.04

2.06

2.08

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.23 min Scan# 142

Delta R.T. 0.06 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

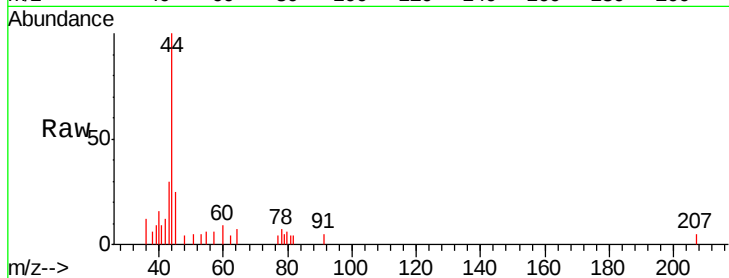
30335

Tgt Ion: 62 Resp: 30

Ion Ratio Lower Upper

62 100

64 40.6 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

500

400

300

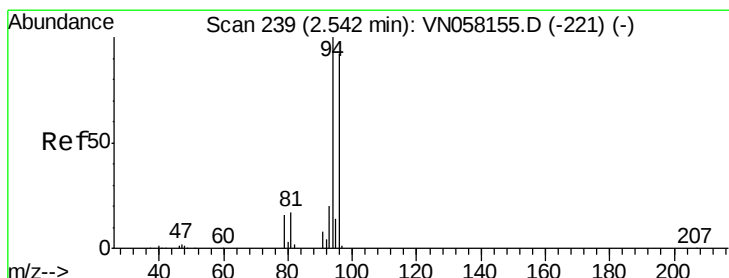
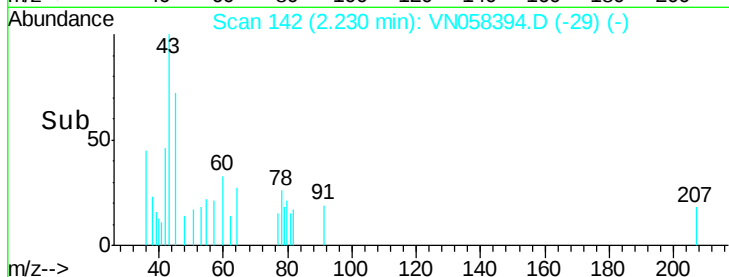
200

100

0

2.22 2.23 2.23 2.23 2.24

Time-->



#5

Bromomethane

Concen: 1.024 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN058394.D

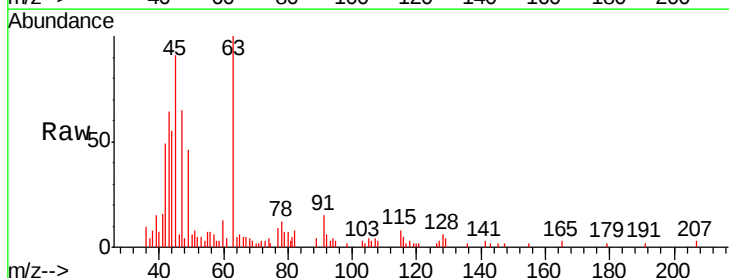
Acq: 26 Sep 2019 18:39

Tgt Ion: 94 Resp: 571

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

600

500

400

300

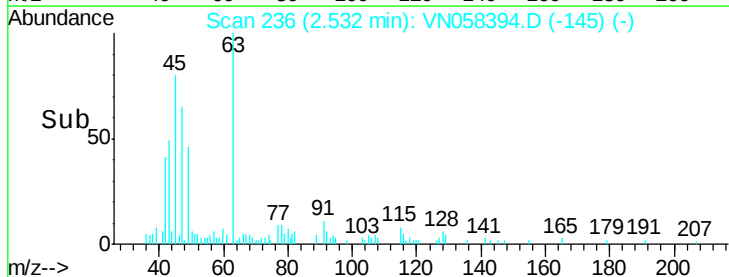
200

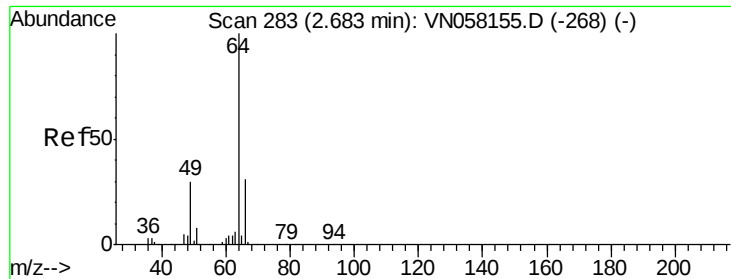
100

0

2.52 2.53 2.54 2.55 2.56

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

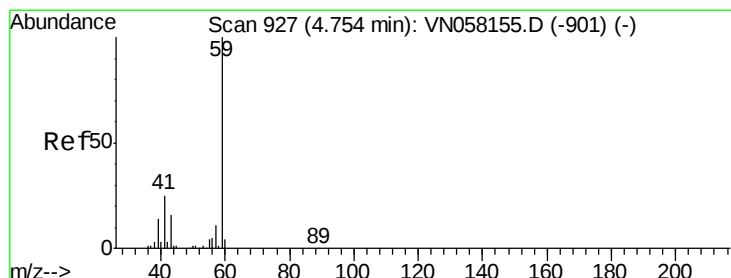
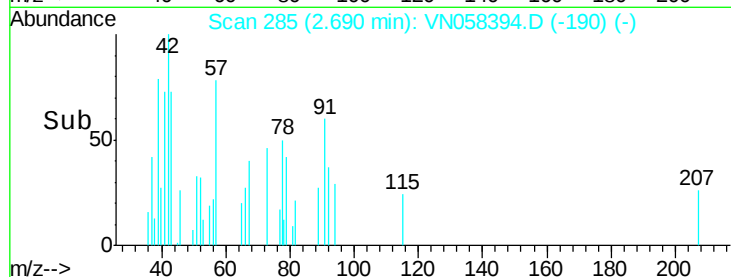
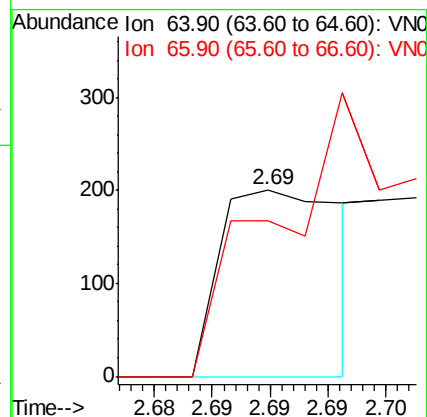
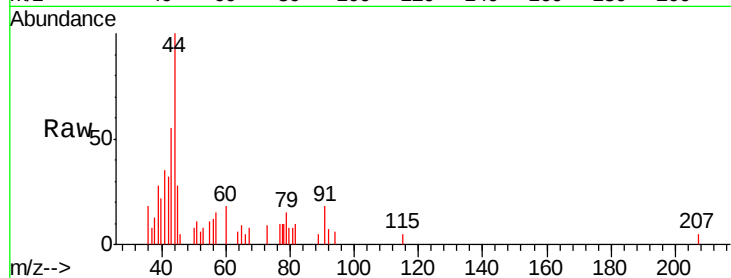
30335

Tgt Ion: 64 Resp: 148

Ion Ratio Lower Upper

64 100

66 83.1 24.6 37.0#



#11

Tert butyl alcohol

Concen: 4.253 ug/l

RT: 4.71 min Scan# 912

Delta R.T. -0.05 min

Lab File: VN058394.D

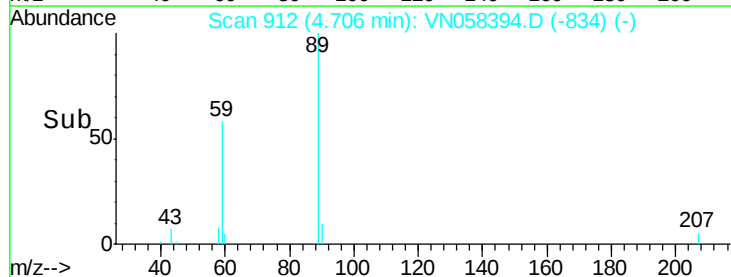
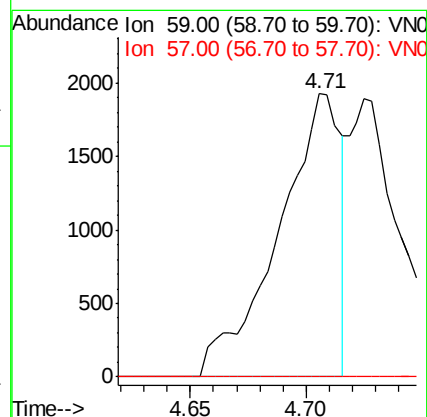
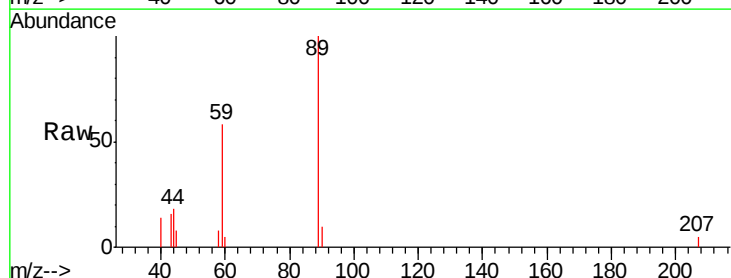
Acq: 26 Sep 2019 18:39

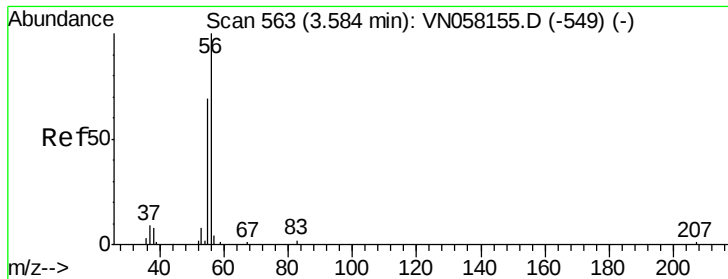
Tgt Ion: 59 Resp: 3582

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#





#13

Acrolein

Concen: 0.264 ug/l

RT: 3.36 min Scan# 495

Delta R.T. -0.22 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

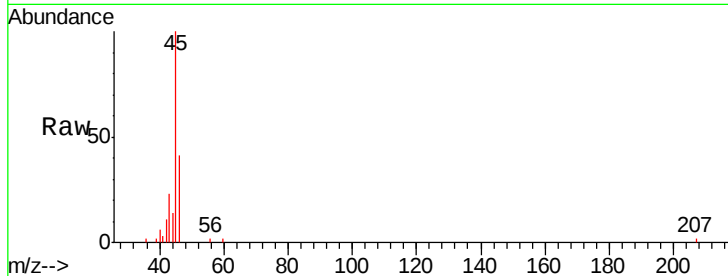
30335

Tgt Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.36

150

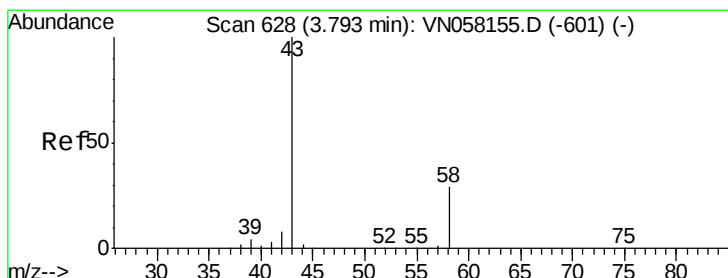
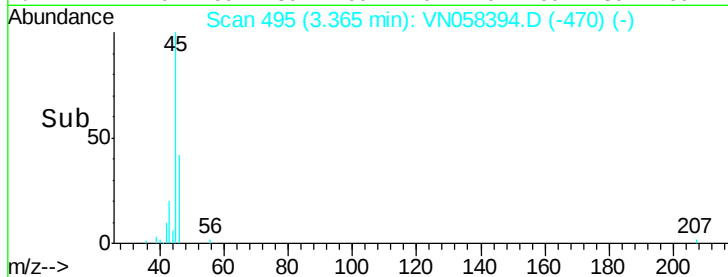
100

50

0

3.36 3.36 3.37 3.37 3.38

Time-->



#16

Acetone

Concen: 6.837 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058394.D

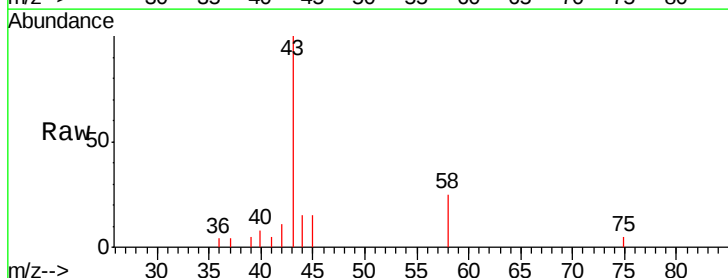
Acq: 26 Sep 2019 18:39

Tgt Ion: 43 Resp: 16431

Ion Ratio Lower Upper

43 100

58 20.9 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

6000

5000

4000

3000

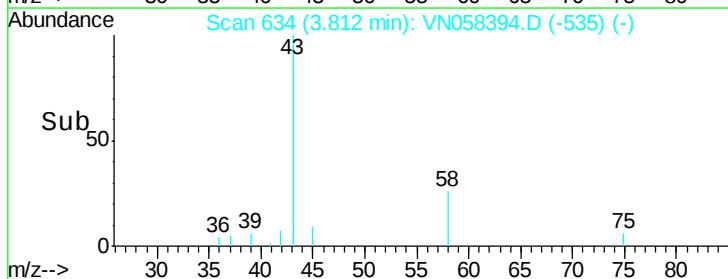
2000

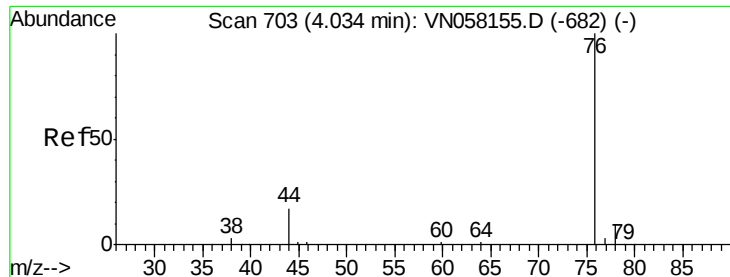
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

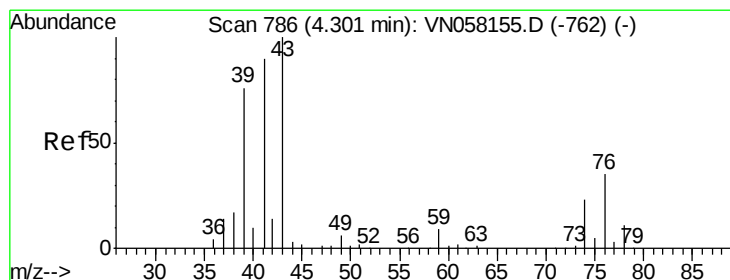
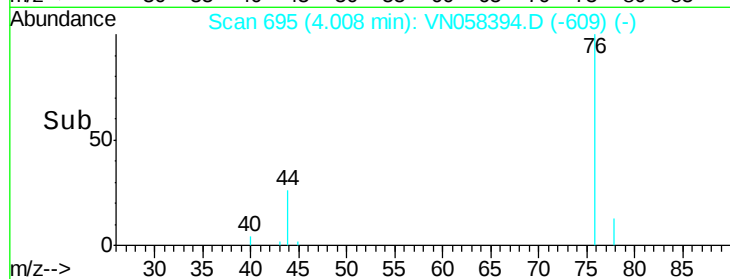
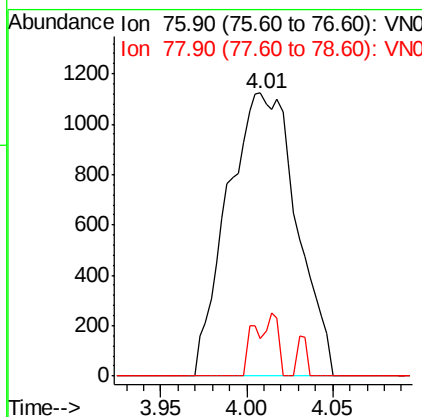
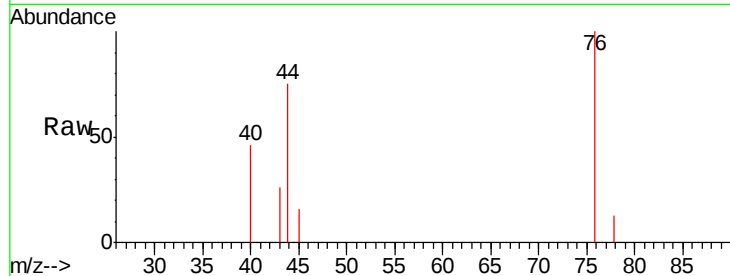




#17
Carbon Disulfide
Concen: 0.980 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.02 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

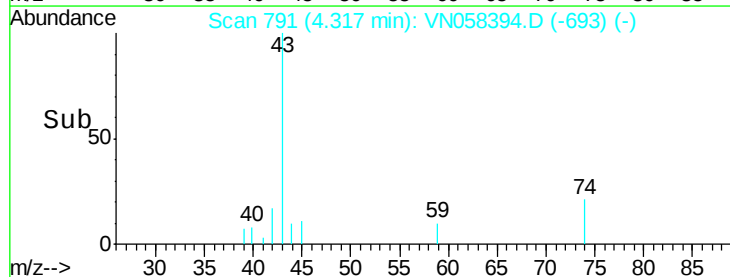
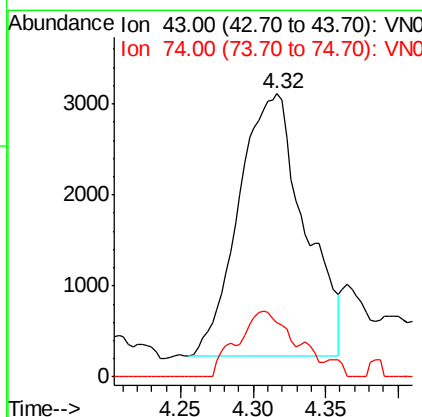
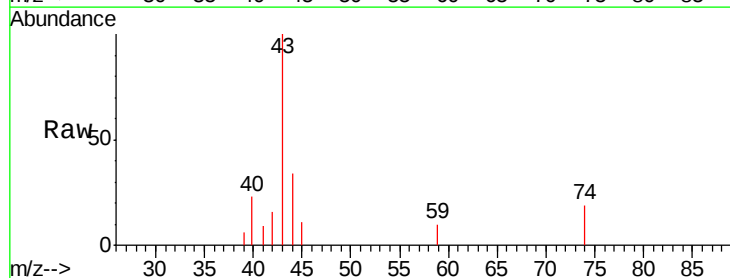
Instrument :
MSVOA_N
ClientSampled :
30335

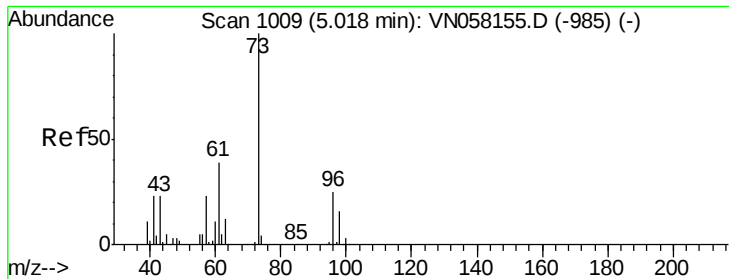
Tgt Ion: 76 Resp: 3128
Ion Ratio Lower Upper
76 100
78 13.4 7.7 11.5#



#18
Methyl Acetate
Concen: 1.428 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 43 Resp: 9027
Ion Ratio Lower Upper
43 100
74 18.7 18.0 27.0





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

30335

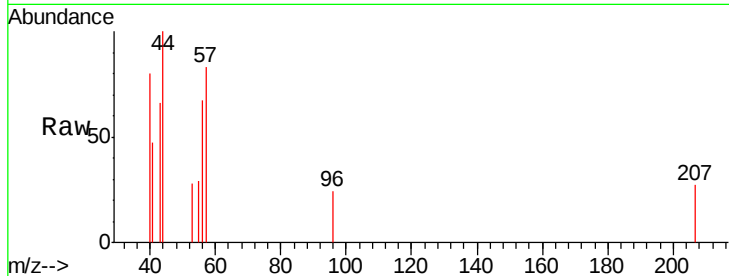
Tgt Ion: 96 Resp: 29

Ion Ratio Lower Upper

96 100

61 0.0 122.2 183.4#

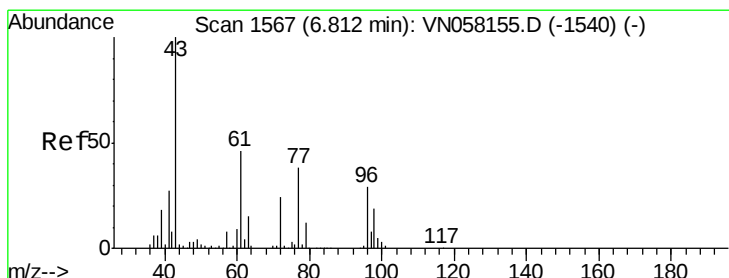
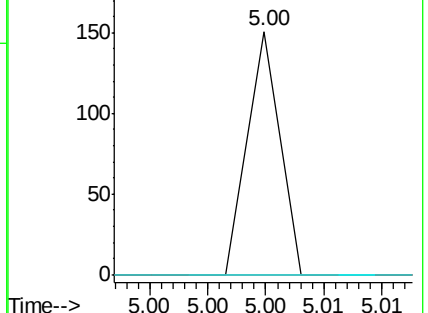
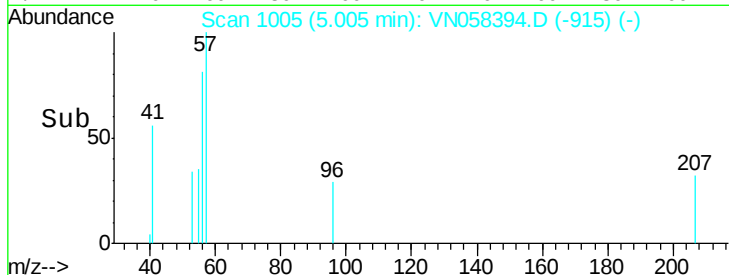
98 0.0 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 1.010 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.03 min

Lab File: VN058394.D

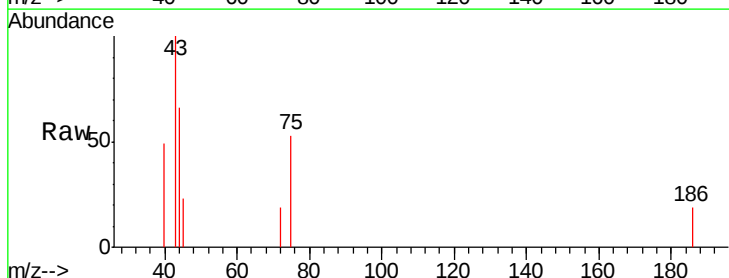
Acq: 26 Sep 2019 18:39

Tgt Ion: 43 Resp: 3307

Ion Ratio Lower Upper

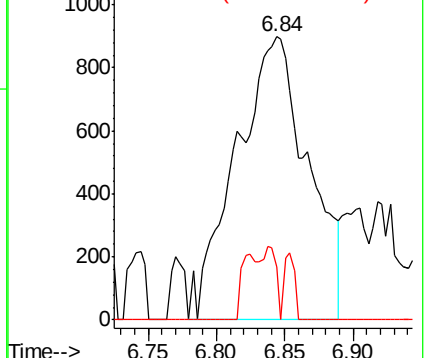
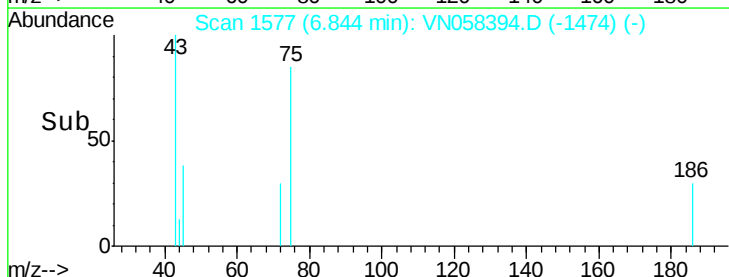
43 100

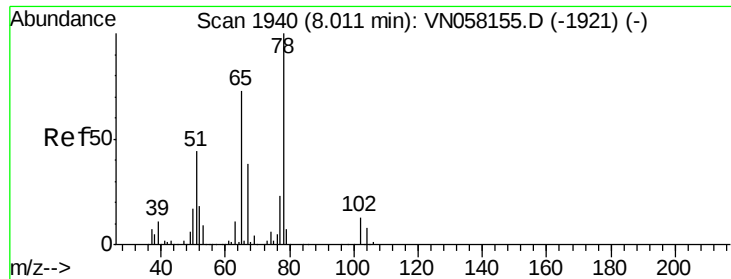
72 18.6 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

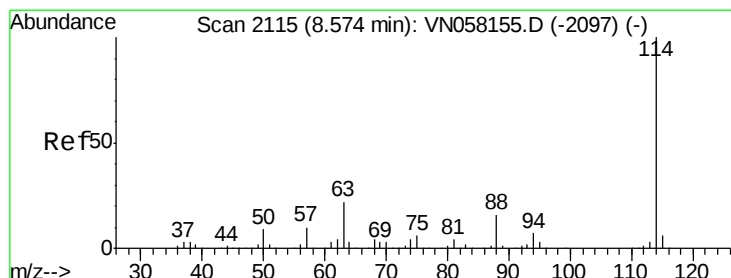
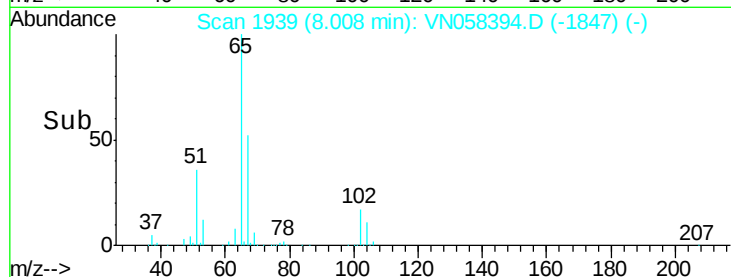
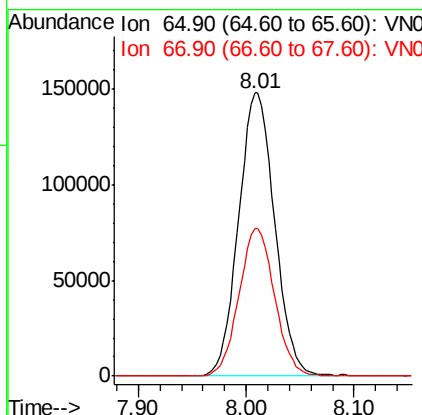
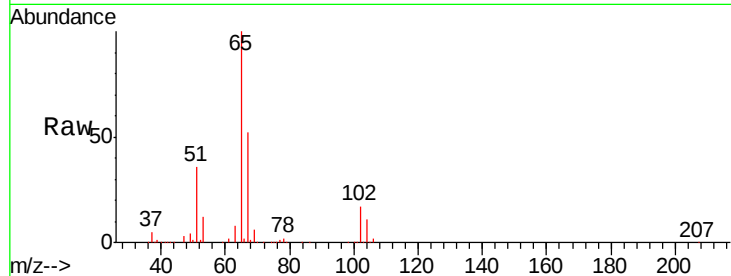




#33
 1,2-Dichloroethane-d4
 Concen: 48.501 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

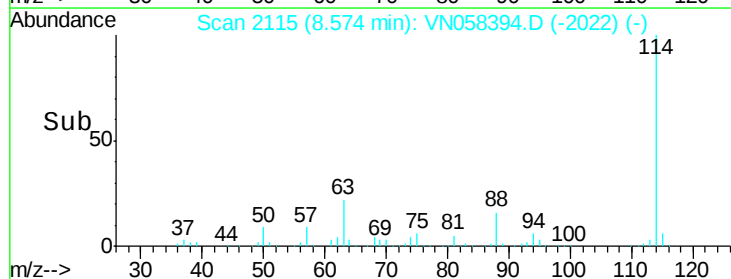
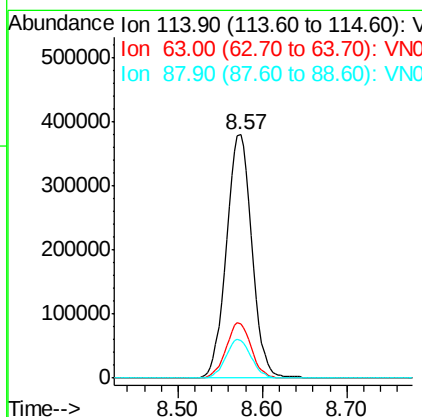
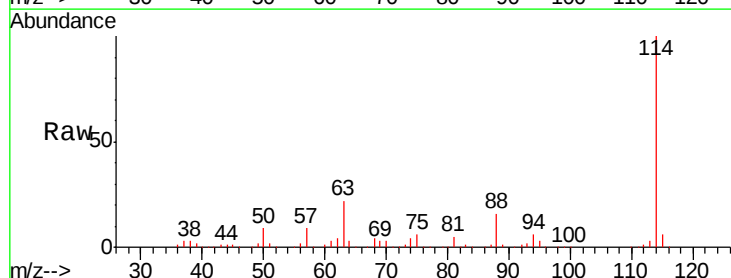
Instrument :
 MSVOA_N
 ClientSampleId :
 30335

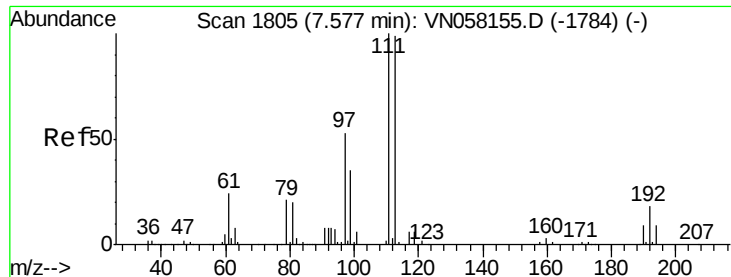
Tgt Ion: 65 Resp: 343375
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

Tgt Ion: 114 Resp: 798146
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 15.7 0.0 31.6

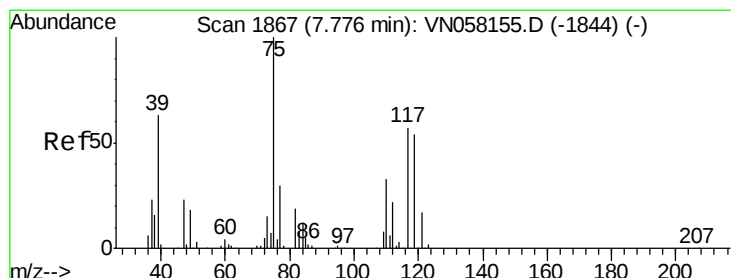
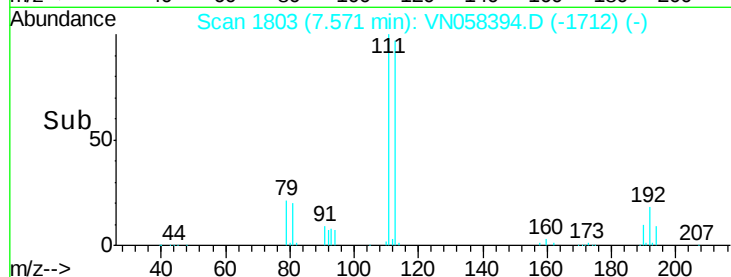
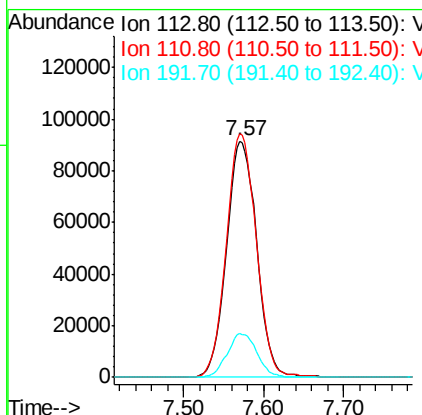
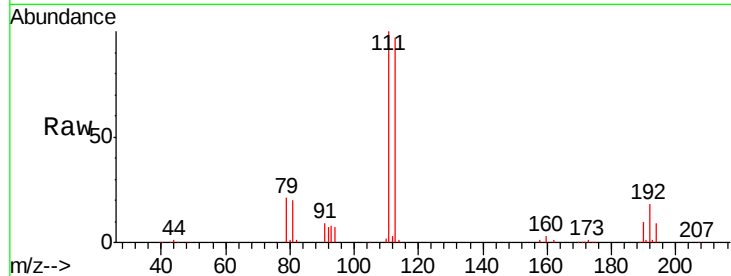




#35
 Dibromofluoromethane
 Concen: 48.298 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

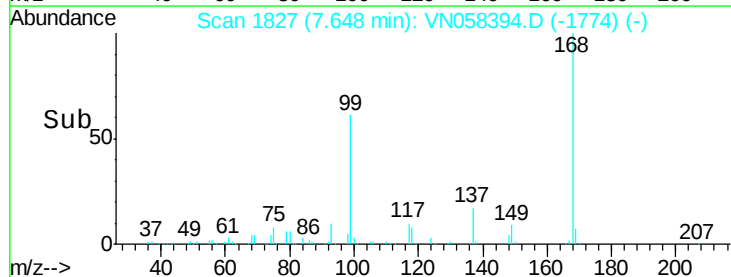
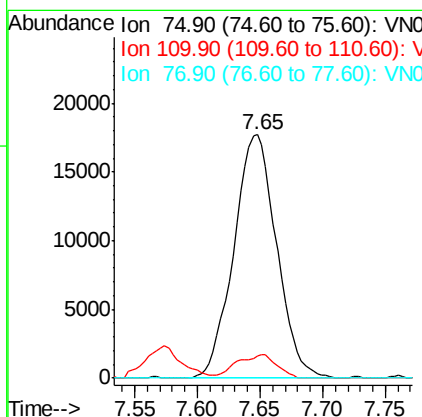
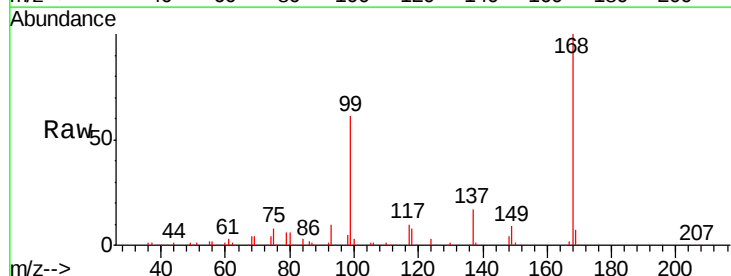
Instrument :
 MSVOA_N
 ClientSampleId :
 30335

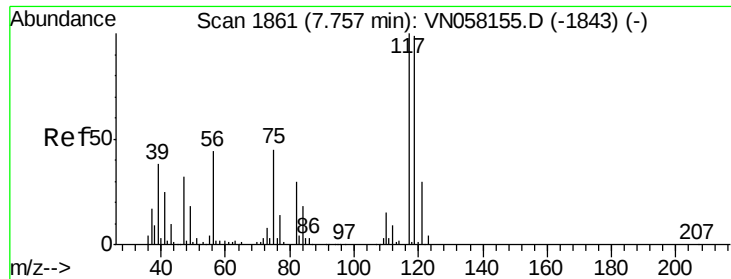
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.3	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 7.270 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.6	49.7#
77	0.0	24.3	36.5#

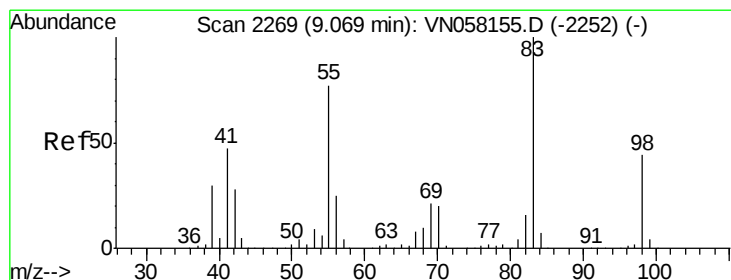
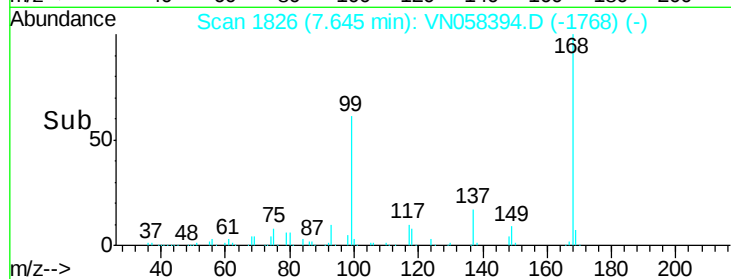
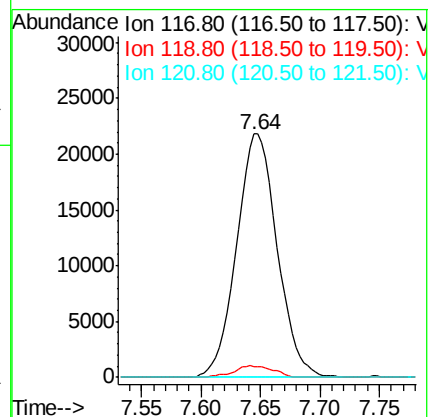
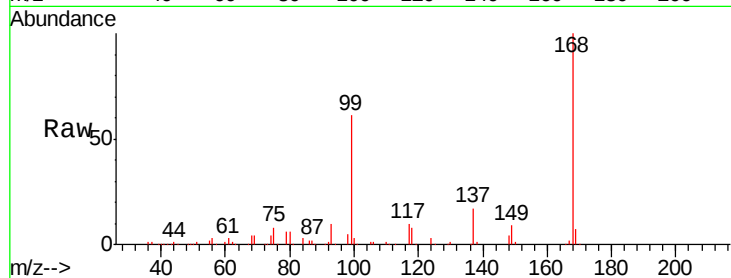




#38
Carbon Tetrachloride
Concen: 8.901 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

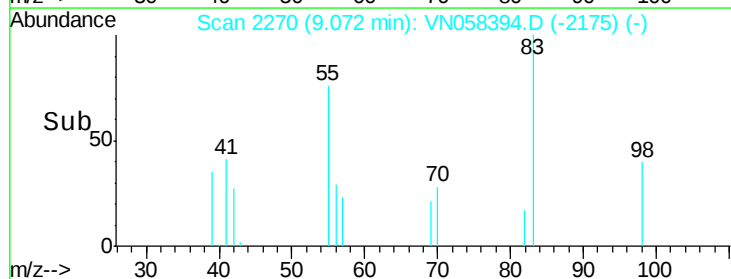
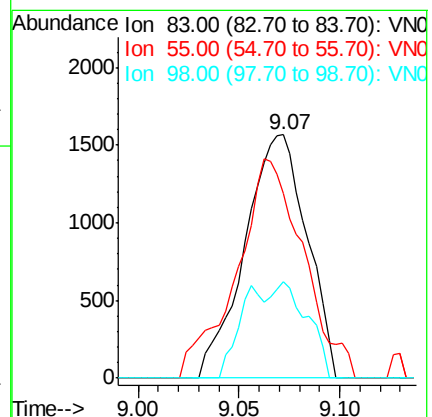
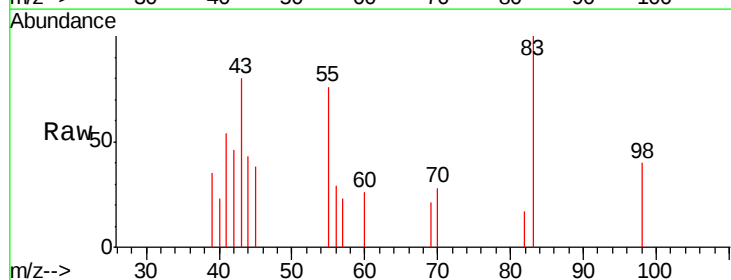
Instrument :
MSVOA_N
ClientSampled :
30335

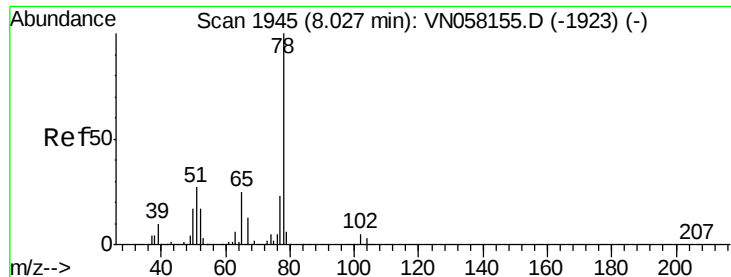
Tgt Ion: 117 Resp: 51498
Ion Ratio Lower Upper
117 100
119 4.5 78.6 117.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.672 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 83 Resp: 3350
Ion Ratio Lower Upper
83 100
55 62.6 61.9 92.9
98 39.6 35.4 53.2





#40

Benzene

Concen: 0.764 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

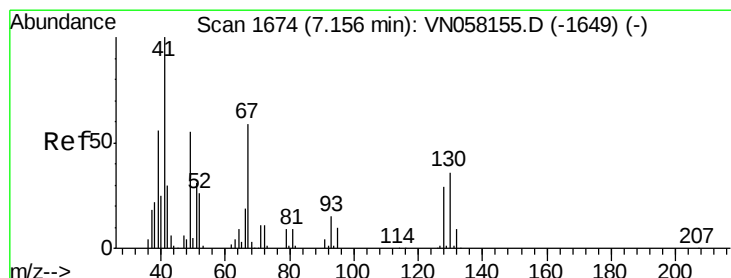
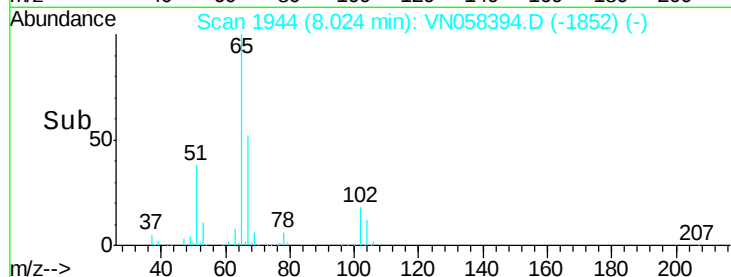
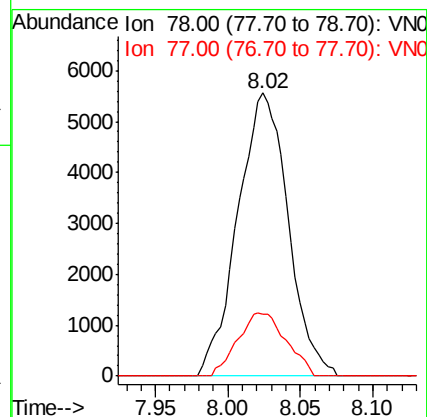
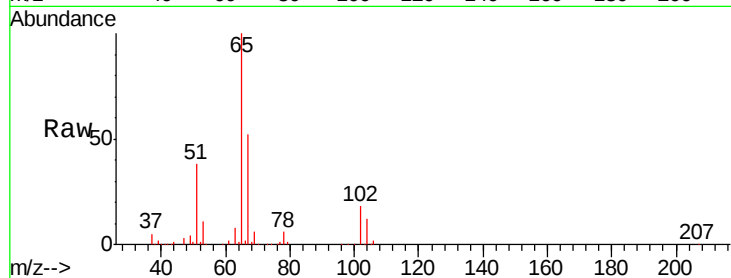
30335

Tgt Ion: 78 Resp: 13428

Ion Ratio Lower Upper

78 100

77 21.8 18.8 28.2



#41

Methacrylonitrile

Concen: 0.931 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.02 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Tgt Ion: 41 Resp: 62

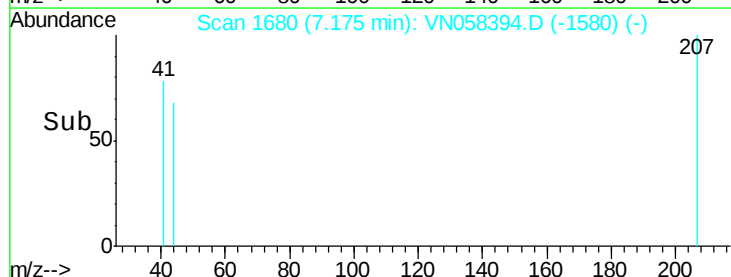
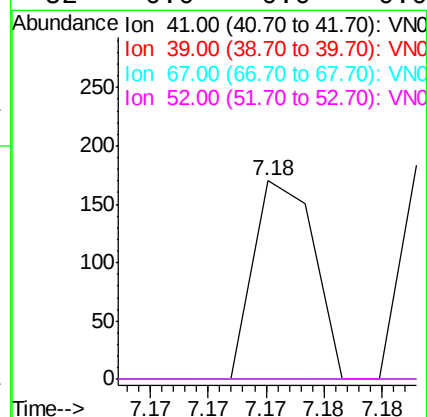
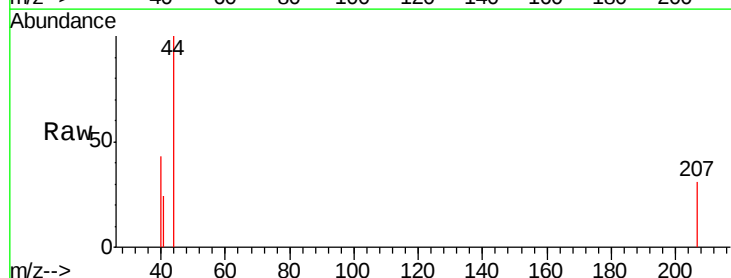
Ion Ratio Lower Upper

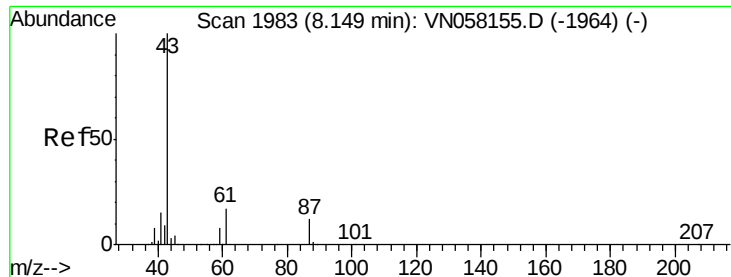
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

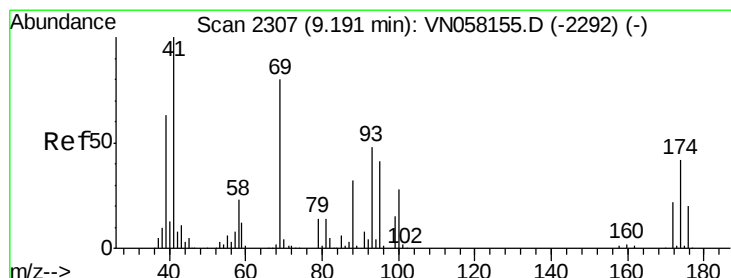
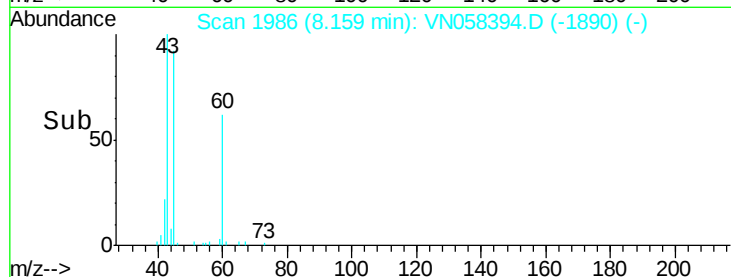
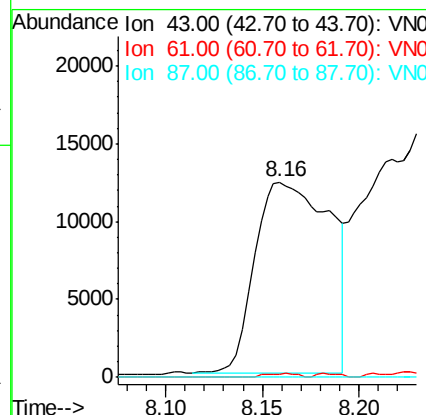
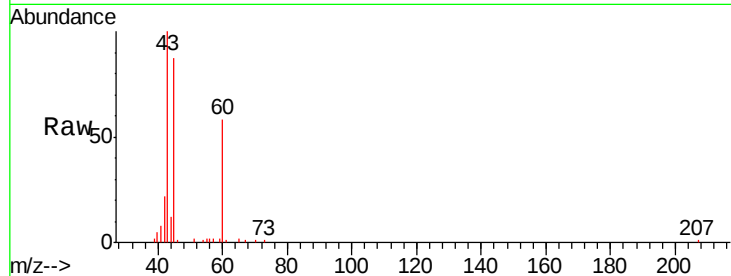




#43
Isopropyl Acetate
Concen: 2.963 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

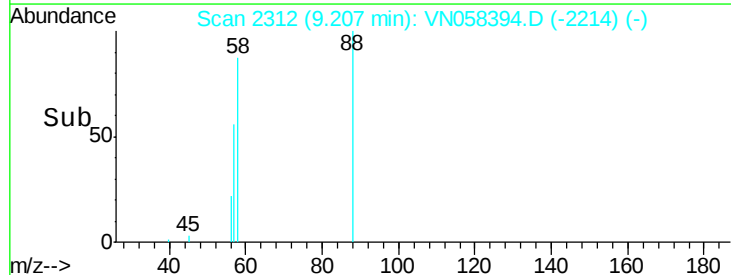
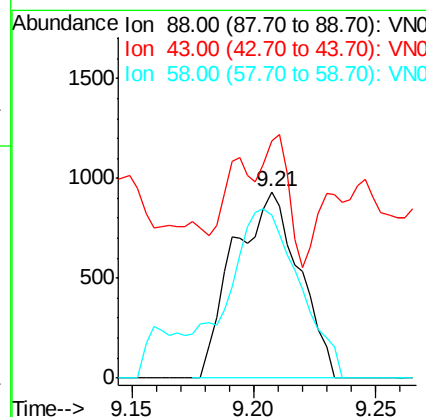
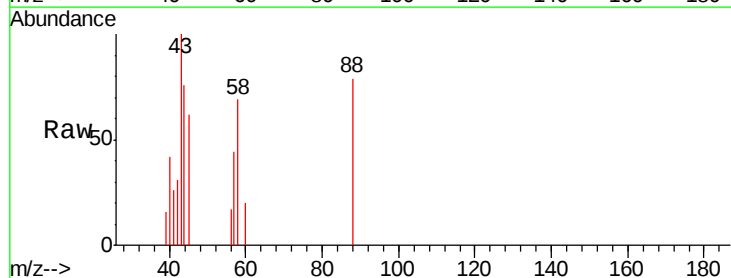
Instrument :
MSVOA_N
ClientSampleId :
30335

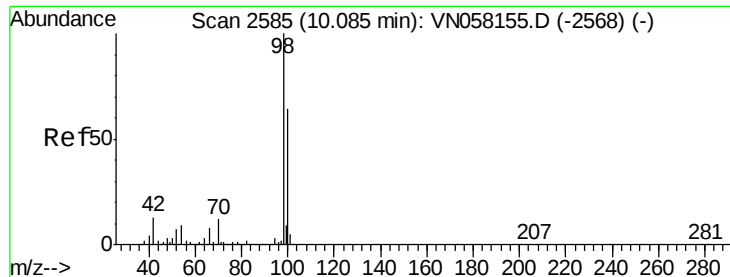
Tgt Ion: 43 Resp: 33060
Ion Ratio Lower Upper
43 100
61 0.0 19.7 29.5#
87 0.0 9.4 14.2#



#49
1,4-Dioxane
Concen: 20.899 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.02 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 88 Resp: 1738
Ion Ratio Lower Upper
88 100
43 26.8 27.8 41.8#
58 96.9 55.0 82.4#





#50

Toluene-d8

Concen: 51.747 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

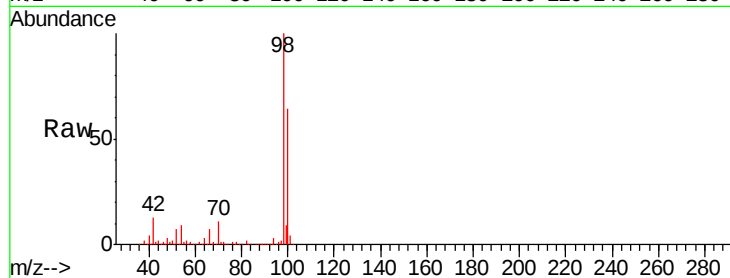
30335

Tgt Ion: 98 Resp: 978264

Ion Ratio Lower Upper

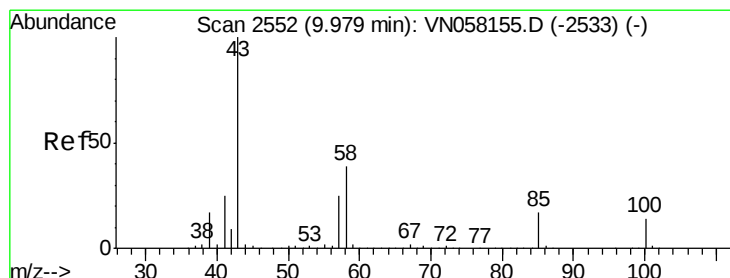
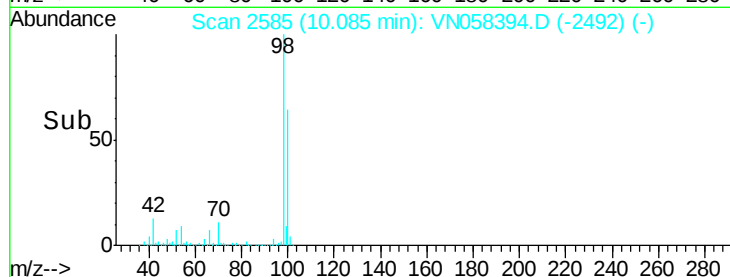
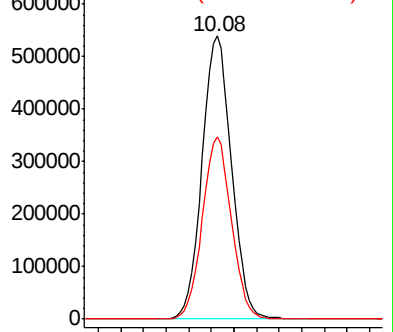
98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.412 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058394.D

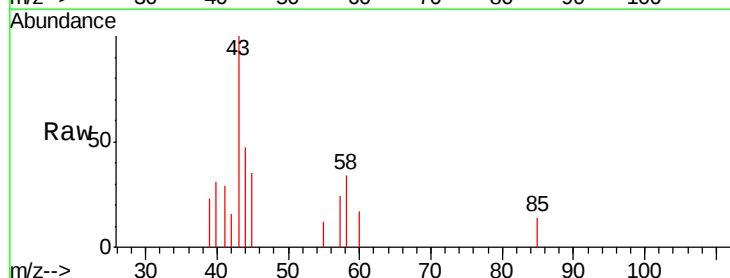
Acq: 26 Sep 2019 18:39

Tgt Ion: 43 Resp: 2442

Ion Ratio Lower Upper

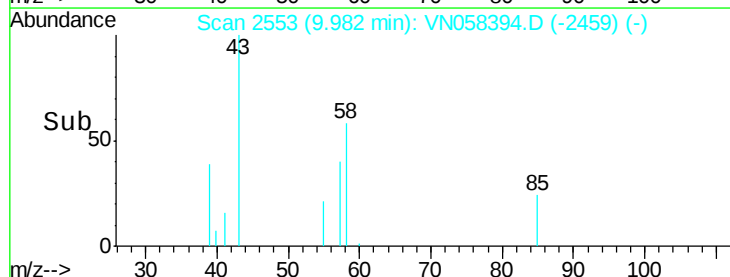
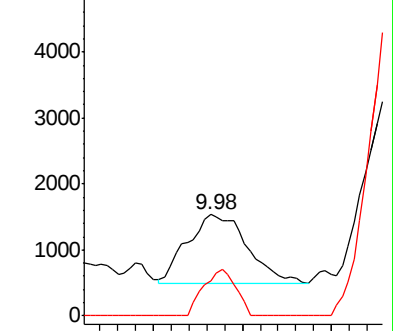
43 100

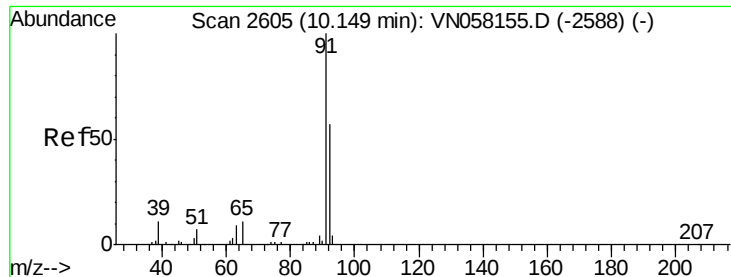
58 36.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 13.565 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

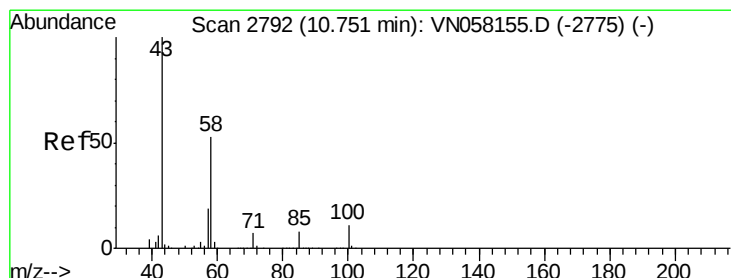
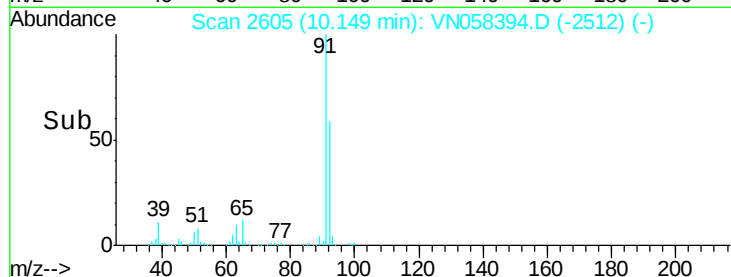
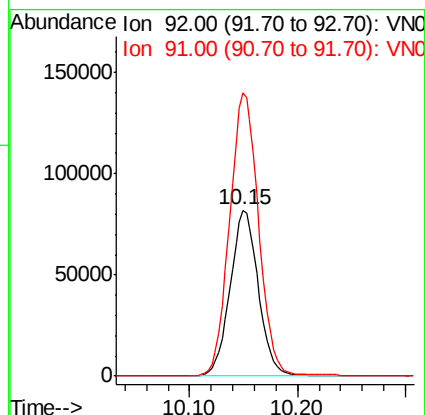
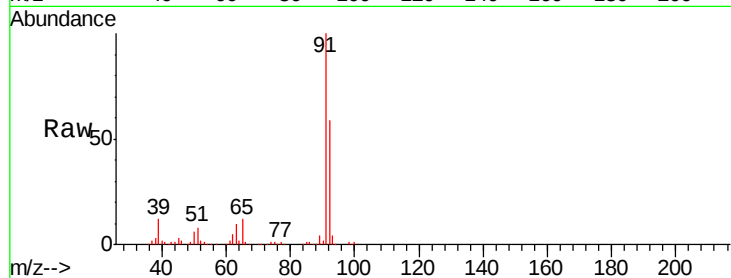
30335

Tgt Ion: 92 Resp: 149457

Ion Ratio Lower Upper

92 100

91 174.7 140.2 210.2



#59

2-Hexanone

Concen: 0.820 ug/l

RT: 10.61 min Scan# 2748

Delta R.T. -0.14 min

Lab File: VN058394.D

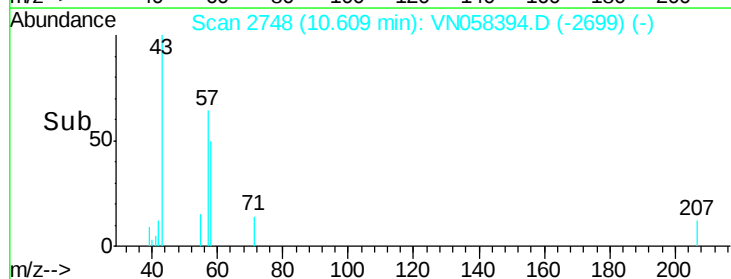
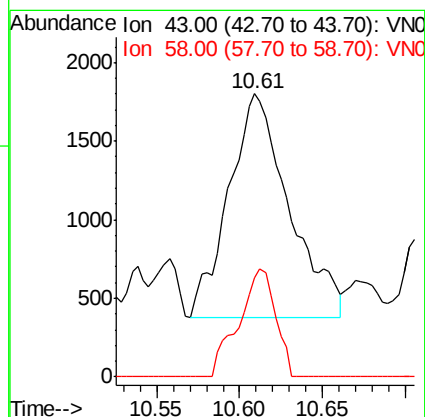
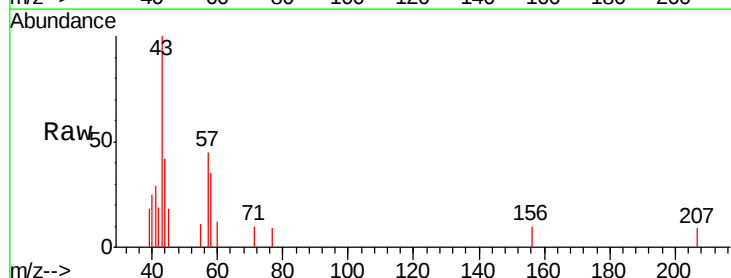
Acq: 26 Sep 2019 18:39

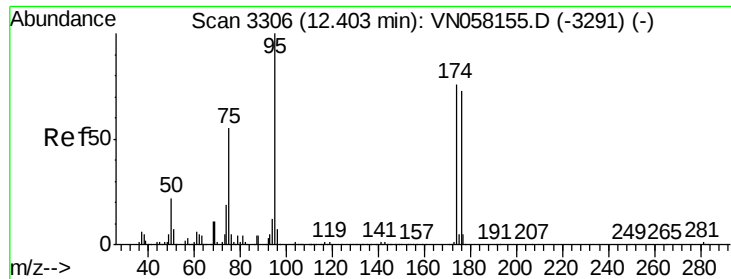
Tgt Ion: 43 Resp: 3610

Ion Ratio Lower Upper

43 100

58 29.3 26.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.926 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

30335

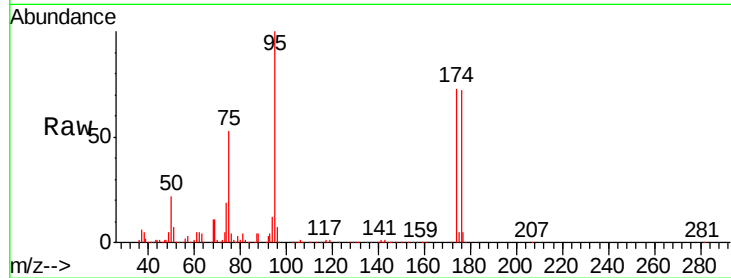
Tgt Ion: 95 Resp: 315486

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

176 72.5 0.0 148.0

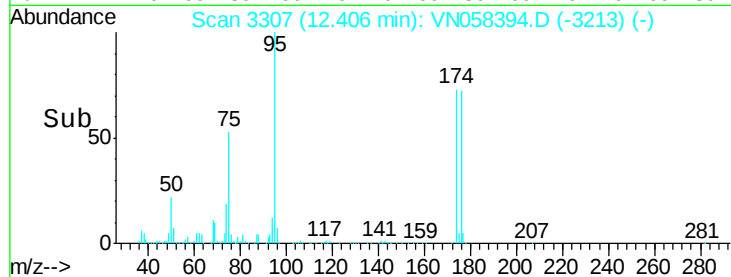


Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)

Time--> 12.30 12.40 12.50

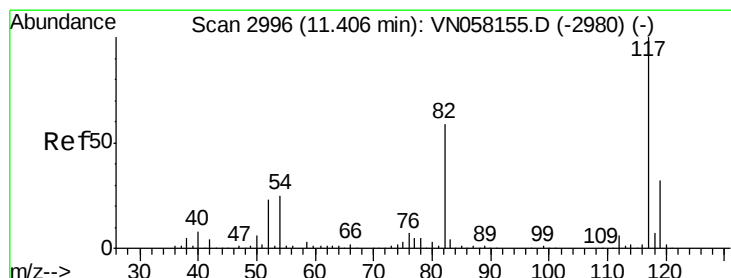


Abundance Ion 94.90 (94.60 to 95.60): VN058394.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058394.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058394.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

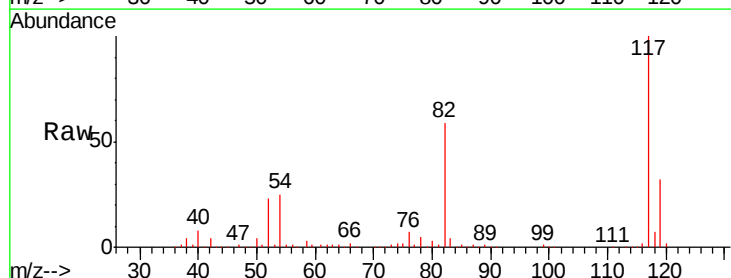
Tgt Ion: 117 Resp: 645990

Ion Ratio Lower Upper

117 100

82 59.5 46.9 70.3

119 31.8 25.3 37.9

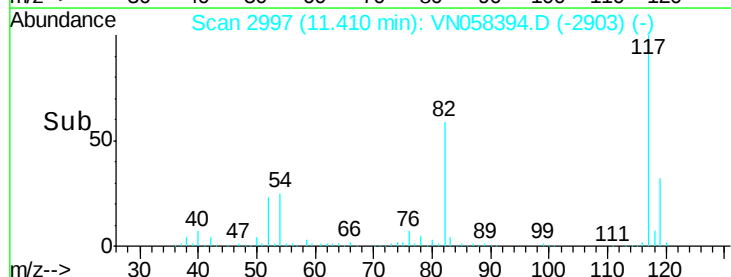


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

Time--> 11.30 11.40 11.50

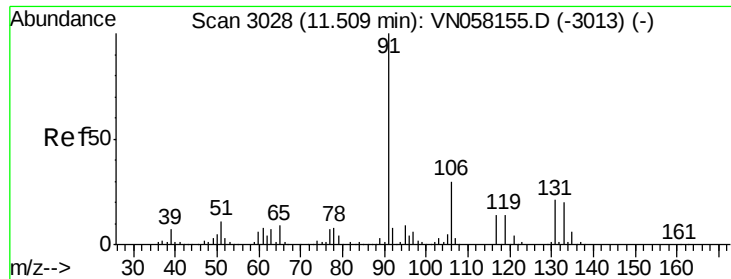


Abundance Ion 116.90 (116.60 to 117.60): VN058394.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058394.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058394.D (-2903) (-)

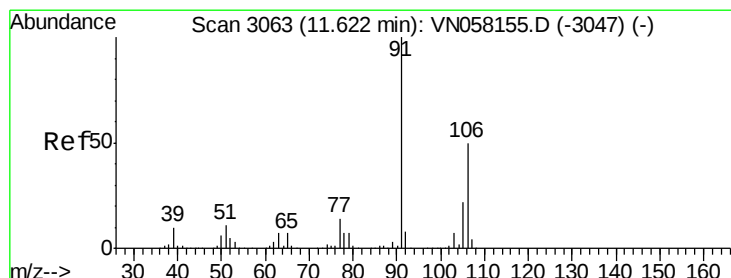
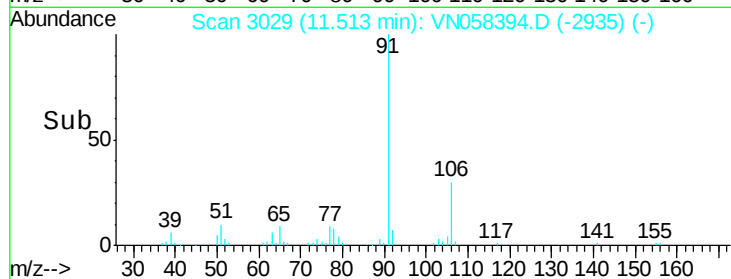
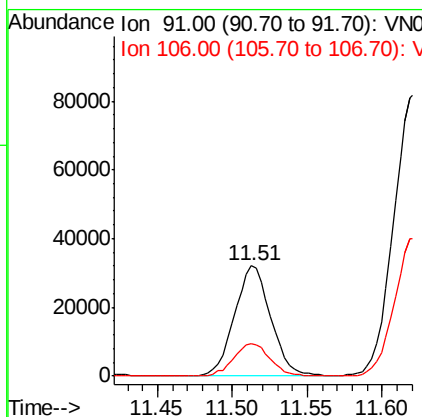
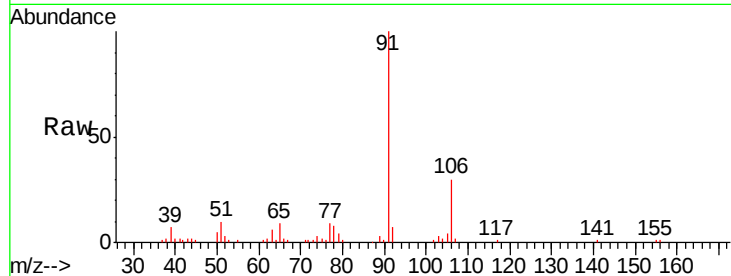
Time--> 11.30 11.40 11.50



#67
Ethyl Benzene
Concen: 2.792 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

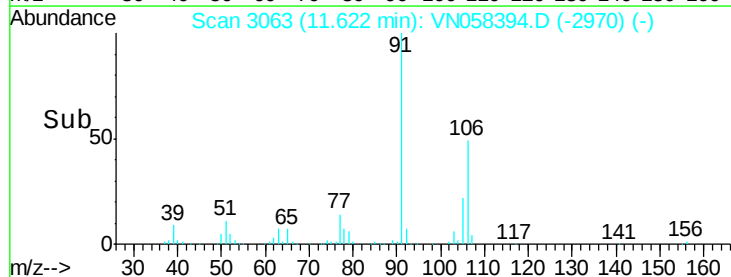
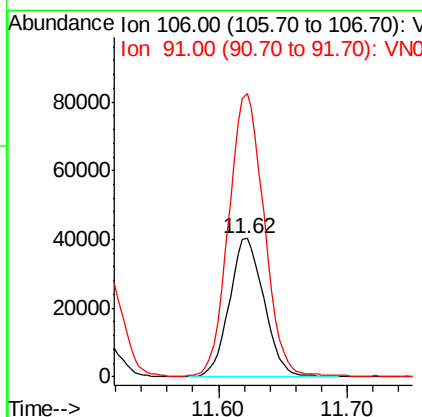
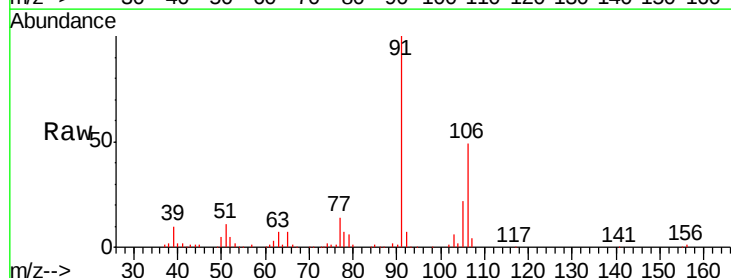
Instrument :
MSVOA_N
ClientSampled :
30335

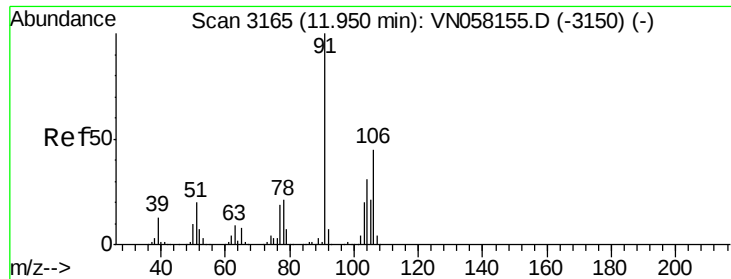
Tgt Ion: 91 Resp: 54355
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 10.264 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 106 Resp: 75262
Ion Ratio Lower Upper
106 100
91 208.4 163.6 245.4

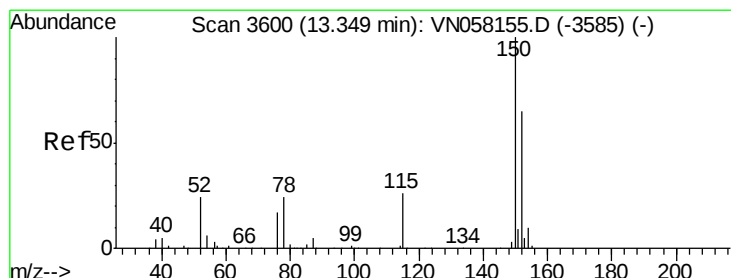
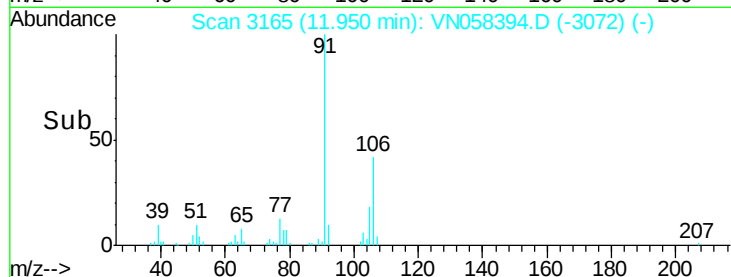
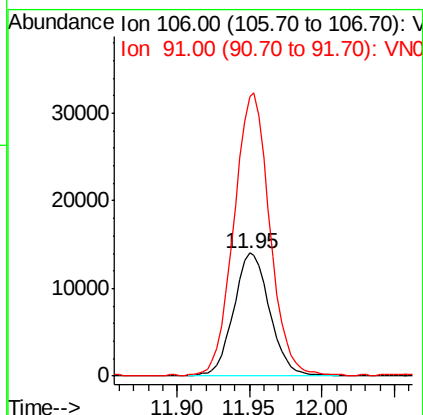
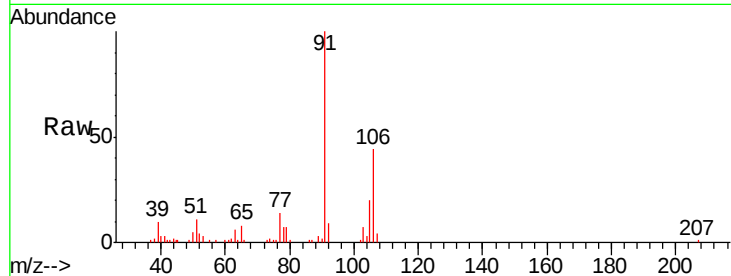




#69
o-Xylene
Concen: 3.370 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

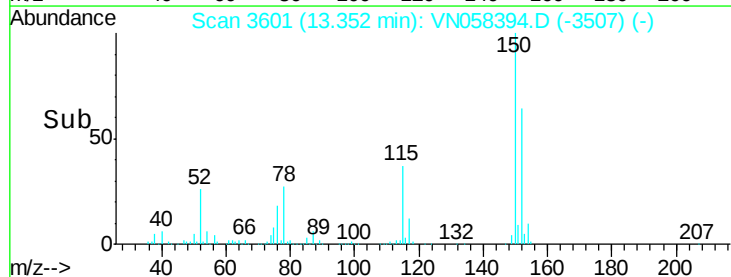
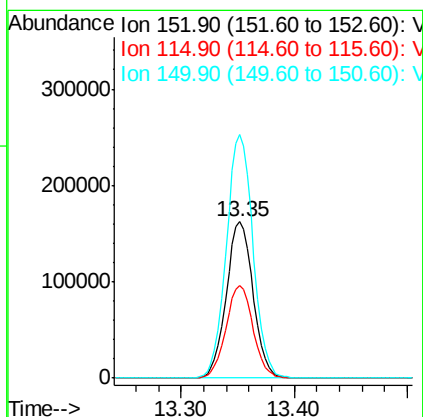
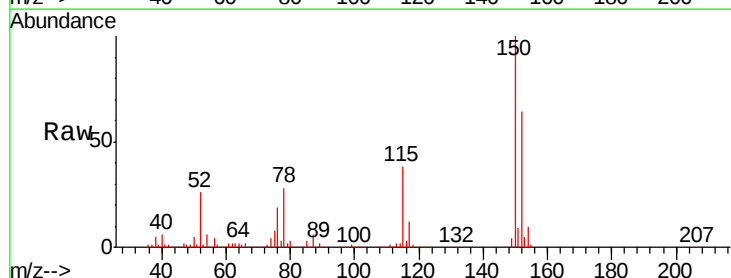
Instrument :
MSVOA_N
ClientSampled :
30335

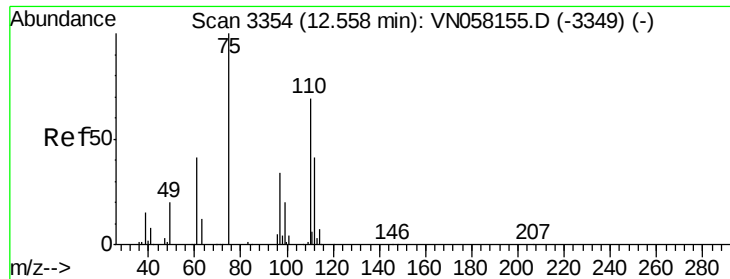
Tgt Ion:106 Resp: 24302
Ion Ratio Lower Upper
106 100
91 228.3 111.8 335.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion:152 Resp: 267399
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 155.0 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 35.122 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

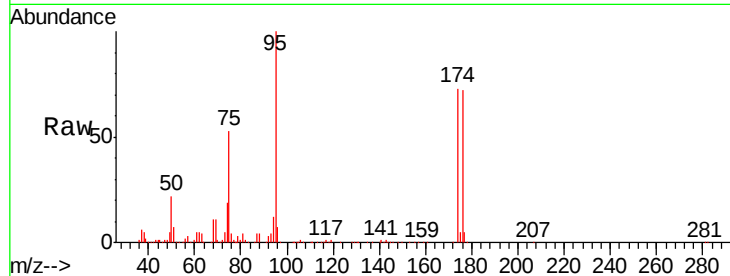
ClientSampled :
30335

Tgt Ion: 75 Resp: 168079

Ion Ratio Lower Upper

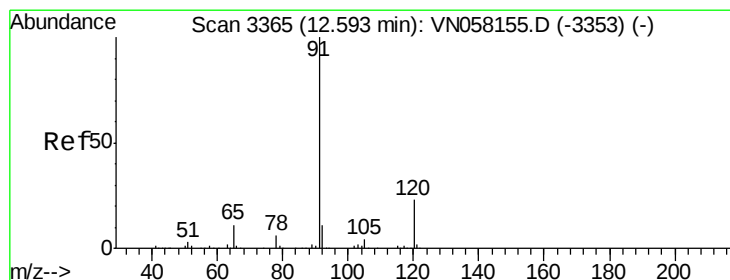
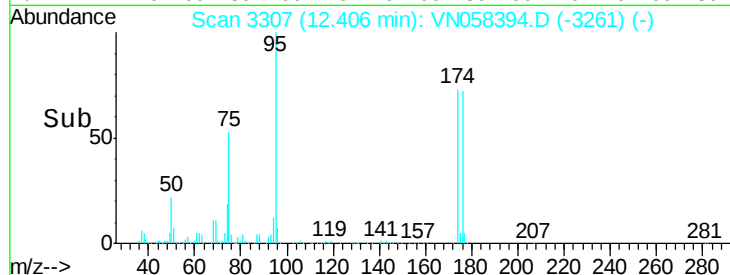
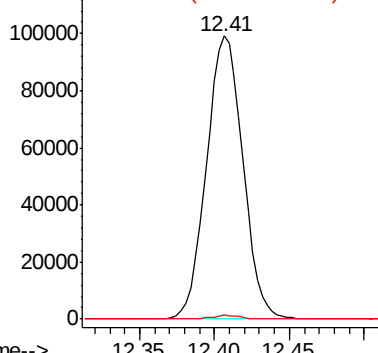
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058394.D

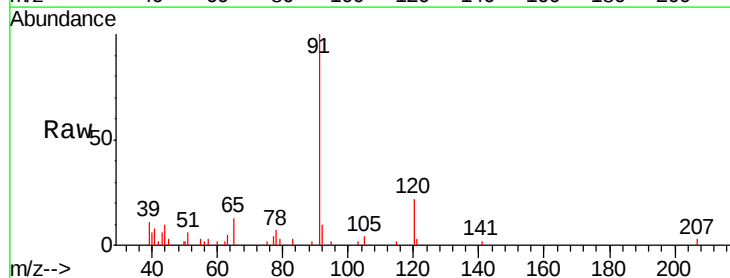
Acq: 26 Sep 2019 18:39

Tgt Ion: 91 Resp: 13928

Ion Ratio Lower Upper

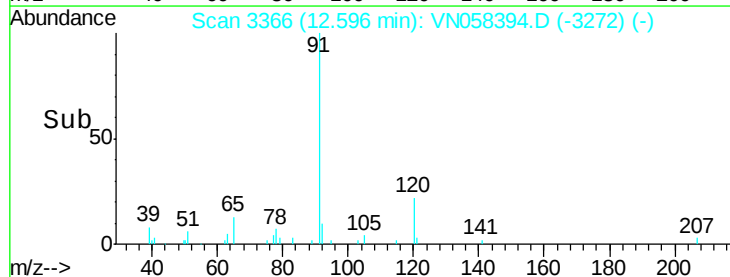
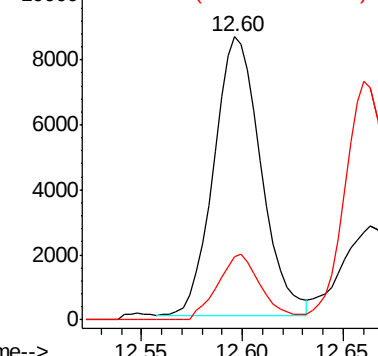
91 100

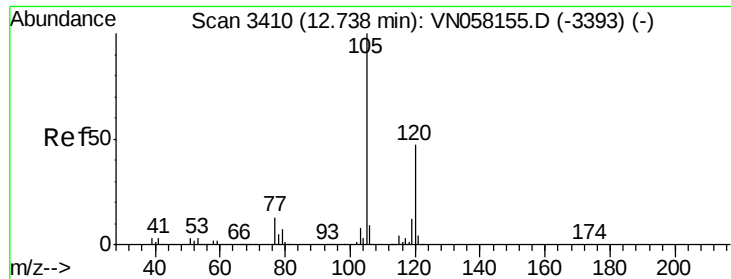
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.996 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

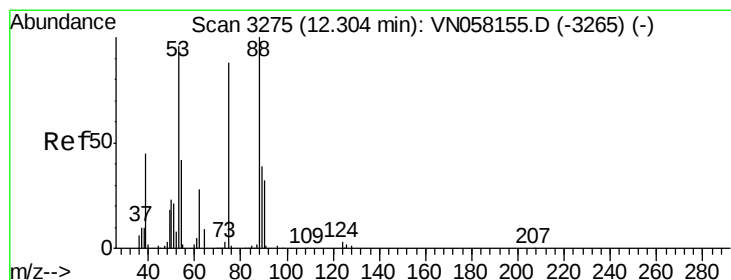
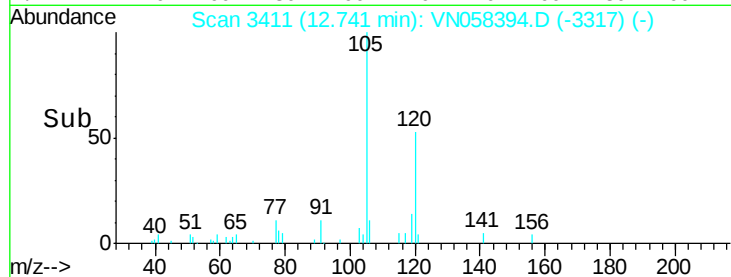
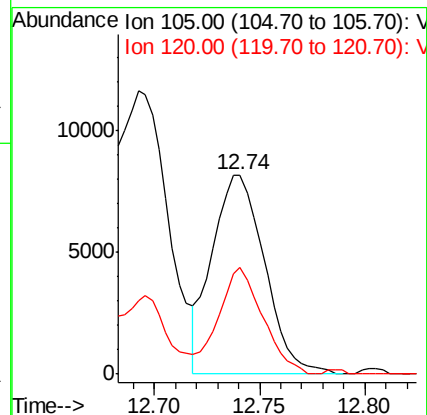
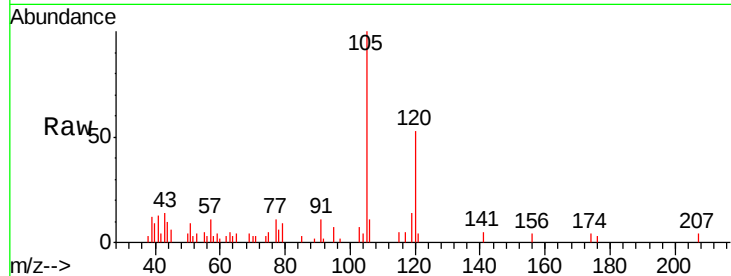
ClientSampled :
30335

Tgt Ion:105 Resp: 14099

Ion Ratio Lower Upper

105 100

120 45.2 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 98.228 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

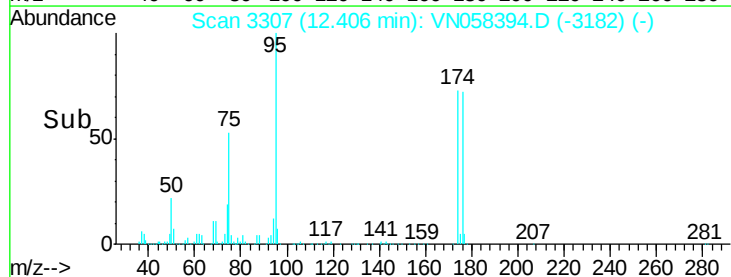
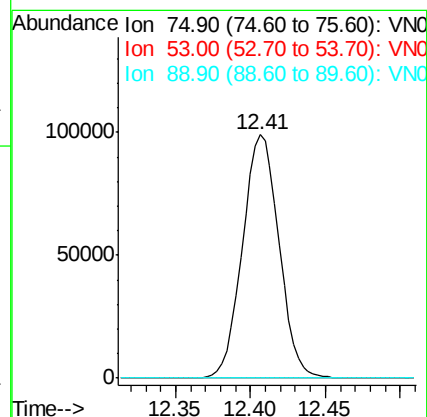
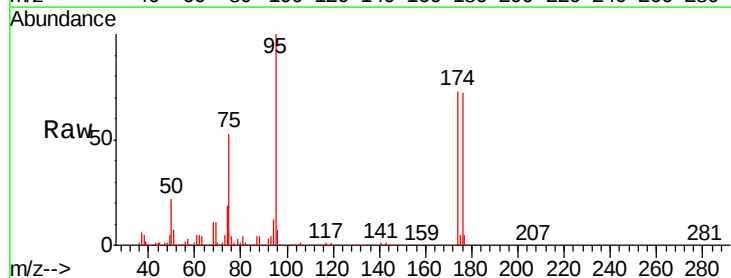
Tgt Ion: 75 Resp: 168079

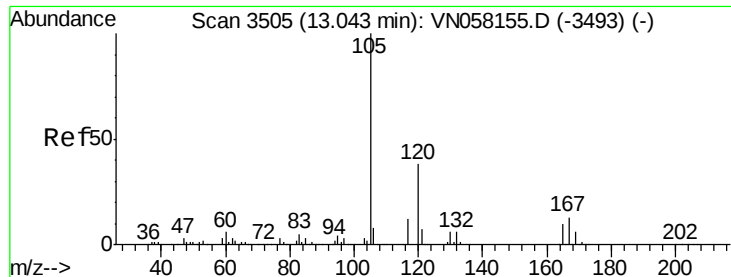
Ion Ratio Lower Upper

75 100

53 0.2 90.1 135.1#

89 0.0 36.2 54.2#

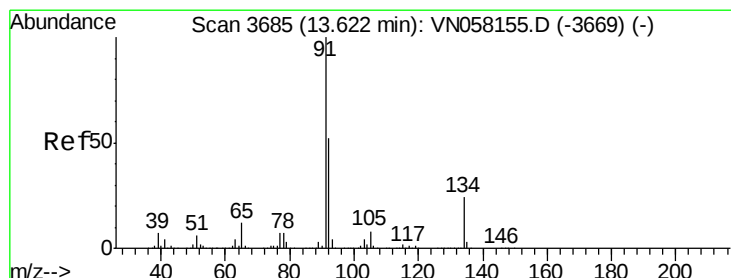
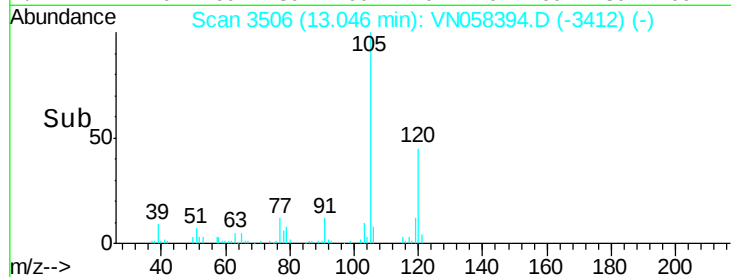
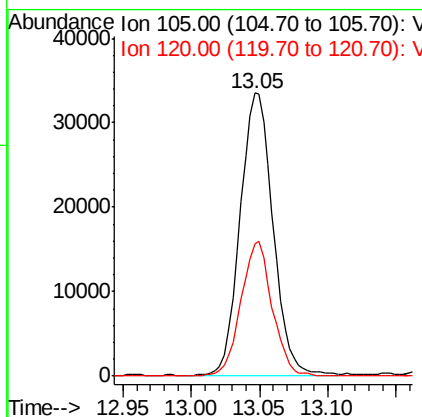
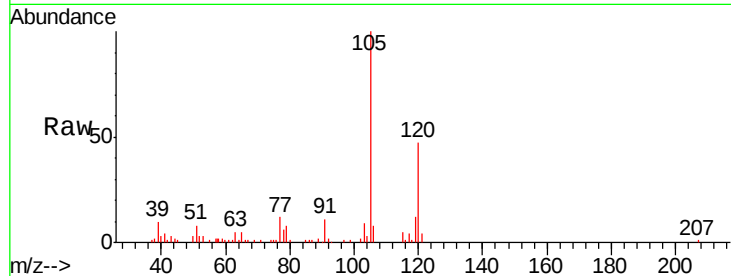




#84
 1,2,4-Trimethylbenzene
 Concen: 4.003 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

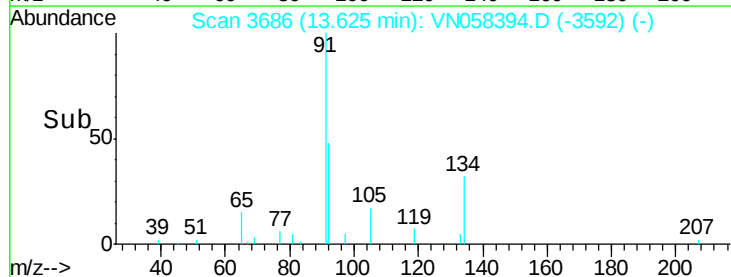
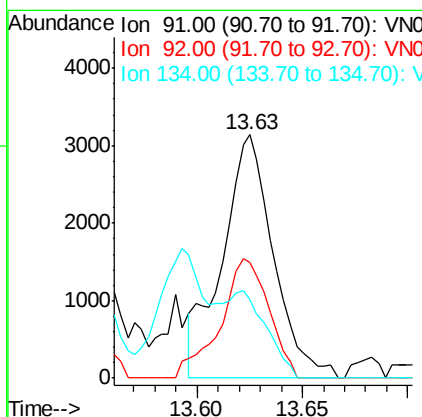
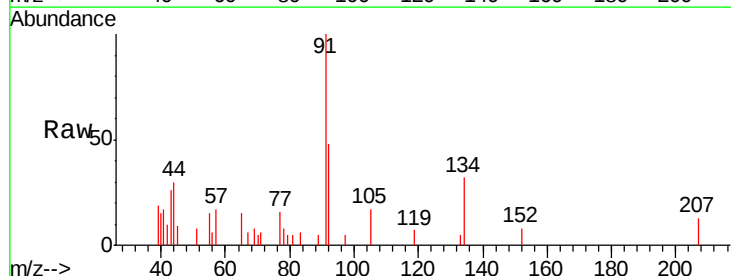
Instrument :
 MSVOA_N
 ClientSampled :
 30335

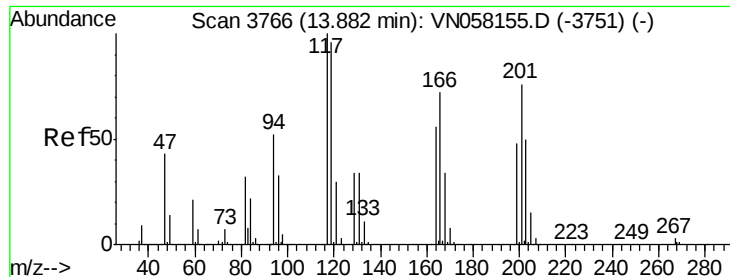
Tgt Ion: 105 Resp: 56389
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5



#89
 n-Butylbenzene
 Concen: 0.380 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

Tgt Ion: 91 Resp: 5293
 Ion Ratio Lower Upper
 91 100
 92 46.3 25.7 77.0
 134 0.0 11.8 35.4#





#90

Hexachloroethane

Concen: 3.046 ug/l

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

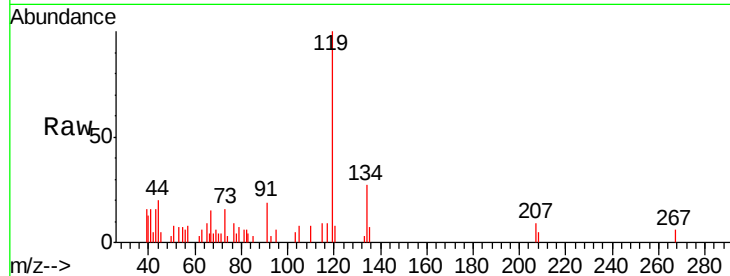
ClientSampleId :
30335

Tgt Ion:117 Resp: 609

Ion Ratio Lower Upper

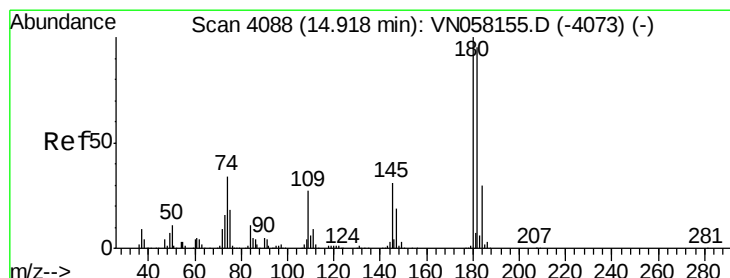
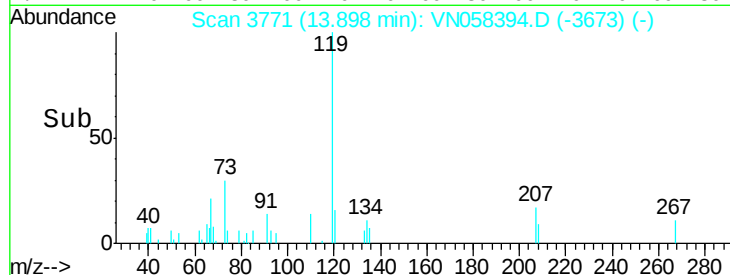
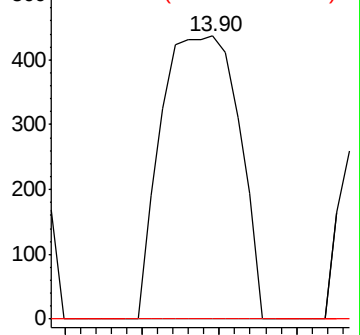
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.686 ug/l

RT: 14.92 min Scan# 4090

Delta R.T. 0.01 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

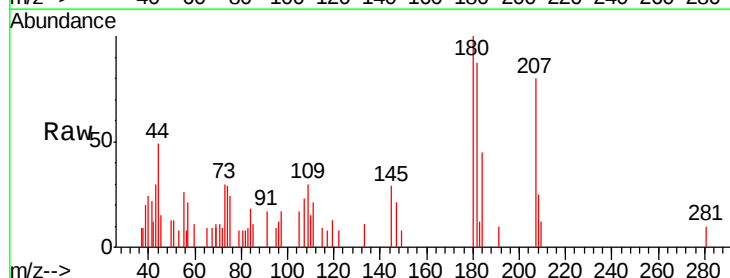
Tgt Ion:180 Resp: 3383

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

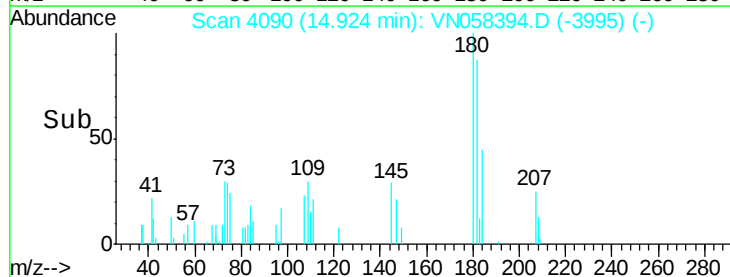
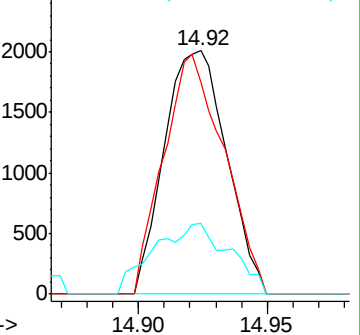
145 35.1 15.4 46.4

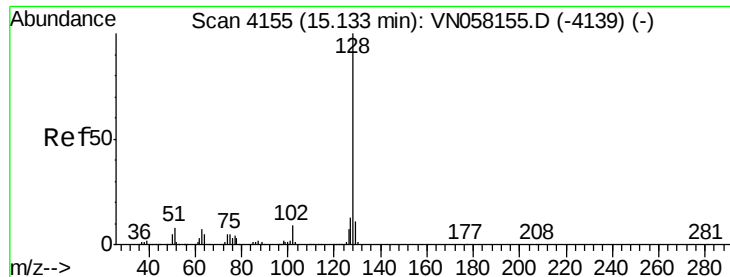


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 6.153 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

30335

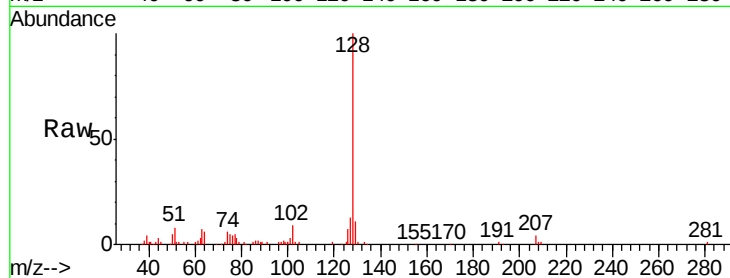
Tgt Ion:128 Resp: 78595

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

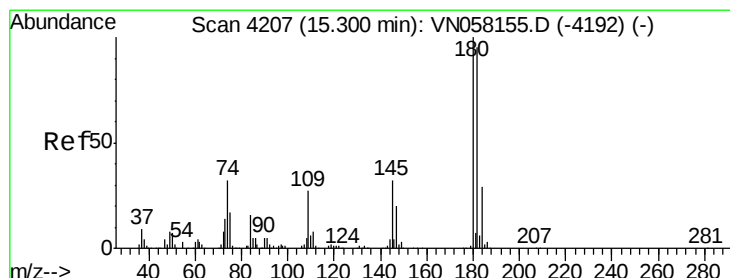
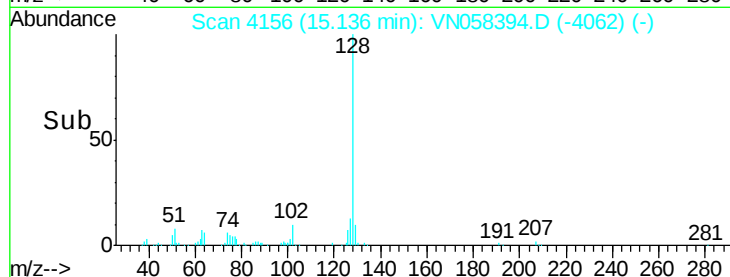
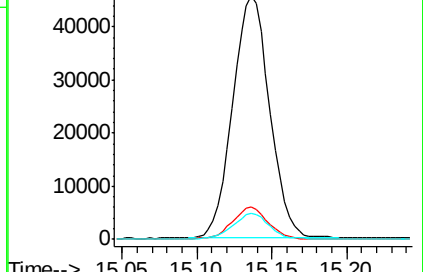
129 10.8 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 0.924 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

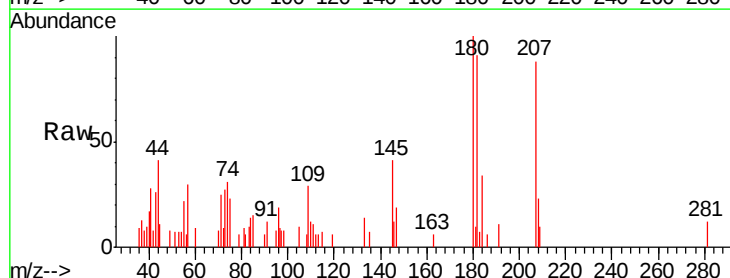
Tgt Ion:180 Resp: 4305

Ion Ratio Lower Upper

180 100

182 100.5 47.4 142.2

145 42.8 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

