

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 :

Quant Time: Nov 26 00:42:29 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
11) Tert butyl alcohol	4.74	59	180	0.206	ug/l #	73
14) Allyl chloride	4.53	41	47084	6.424	ug/l #	28
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
25) 2-Butanone	6.83	43	2000	0.658	ug/l	90
29) Tetrahydrofuran	7.19	42	864	0.411	ug/l #	40
30) Chloroform	7.34	83	414	Below Cal	#	17
31) Cyclohexane	7.65	56	6639	0.865	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25870	4.482	ug/l #	49
38) Carbon Tetrachloride	7.64	117	32795	5.935	ug/l #	16
43) Isopropyl Acetate	8.15	43	85514	9.020	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1723	0.381	ug/l #	45
48) Methyl methacrylate	9.17	41	5382	1.248	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	5925	1.068	ug/l	91
52) Toluene	10.15	92	5249	0.515	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	37815	5.402	ug/l #	64
56) Ethyl methacrylate	10.54	69	1035	2.341	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6009	0.871	ug/l #	42
59) 2-Hexanone	10.76	43	84687	20.842	ug/l #	52
67) Ethyl Benzene	11.51	91	8877	0.458	ug/l	89
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
71) Bromoform	12.40	173	831	0.278	ug/l #	1
74) N-amyl acetate	12.03	43	4117	0.601	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	112555	23.412	ug/l #	100
78) n-propylbenzene	12.59	91	9624	0.498	ug/l	97
79) 2-Chlorotoluene	12.66	91	9030	0.762	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	31894	2.226	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	112555	58.557	ug/l #	14
82) 4-Chlorotoluene	12.74	91	3330	0.271	ug/l #	42
83) tert-Butylbenzene	13.04	119	14797	1.223	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	119840	8.537	ug/l	99
85) sec-Butylbenzene	13.17	105	5225	0.321	ug/l	100

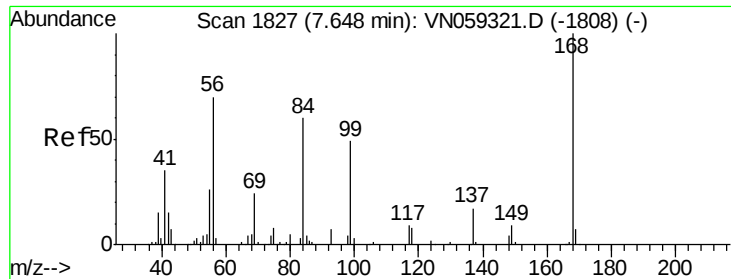
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059396.D
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.62	91	3443	0.271	ug/l #	80
90) Hexachloroethane	13.90	117	2815	1.027	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	284	0.237	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	135	2.967	ug/l #	51
95) Naphthalene	15.13	128	36366	5.944	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.29	180	242	1.955	ug/l #	1

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



#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

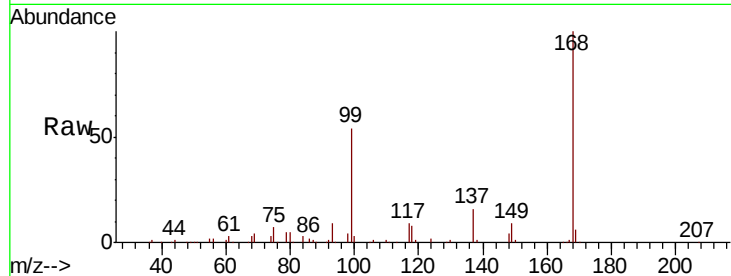
Instrument :
MSVOA_N
ClientSampleId :

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): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

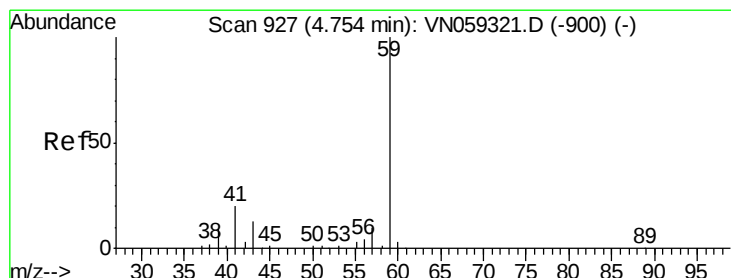
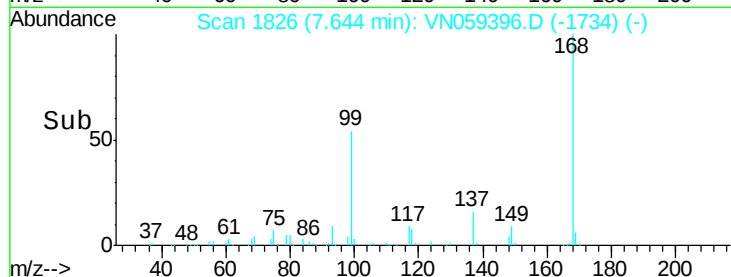
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.206 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.02 min

Lab File: VN059396.D

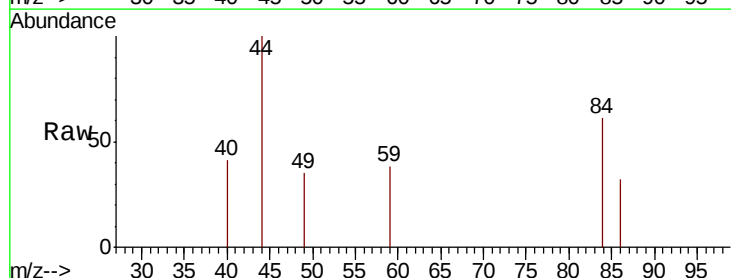
Acq: 25 Nov 2019 20:13

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN059321.D (-900) (-)

Ion 57.00 (56.70 to 57.70): VN059321.D (-900) (-)

4.74

250

200

150

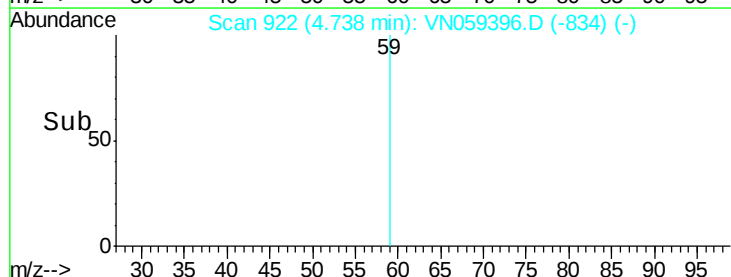
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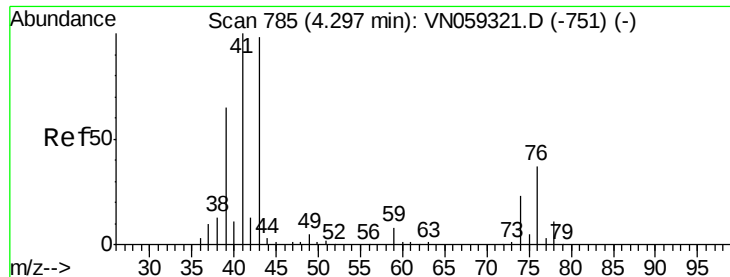
50

0

4.72 4.73 4.74 4.75 4.76

Time-->

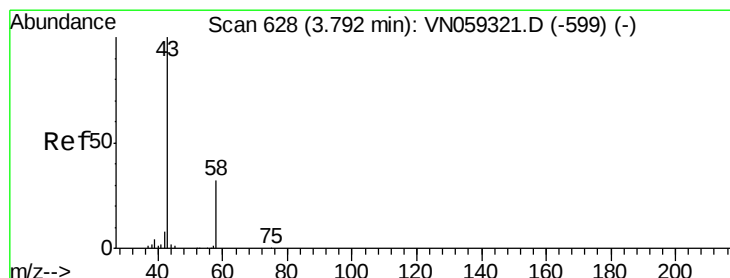
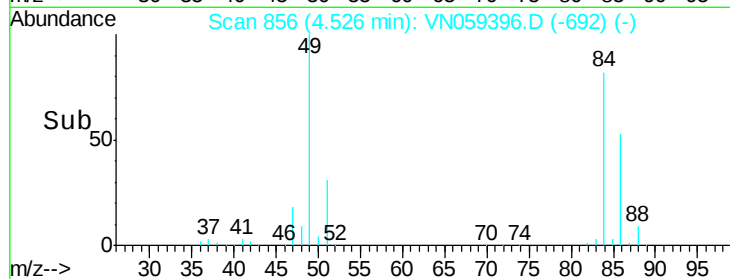
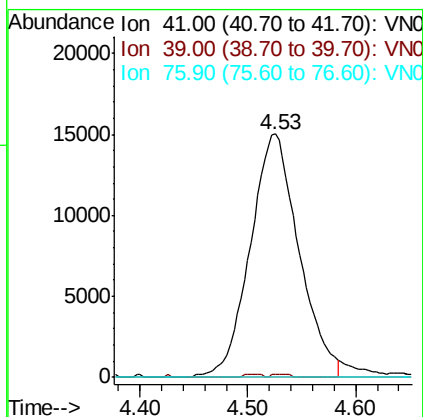
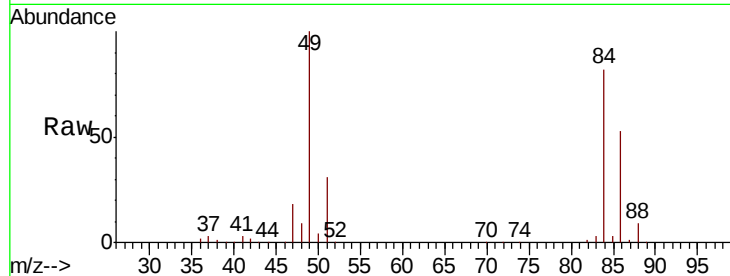




#14
Allvl chloride
Concen: 6.424 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

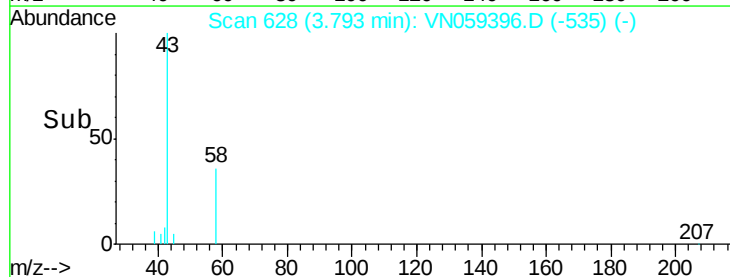
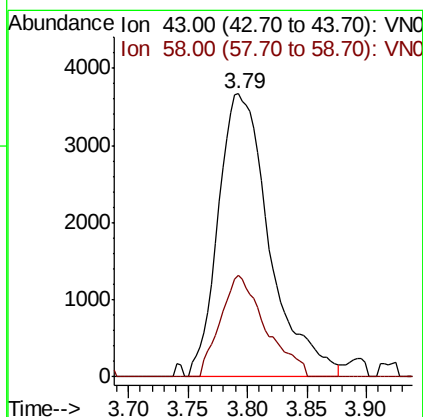
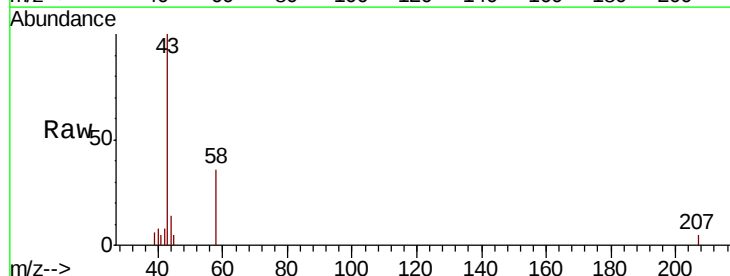
Instrument :
MSVOA_N
ClientSampled :

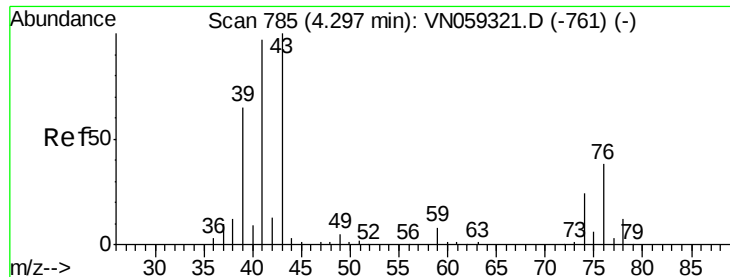
Tot Ion: 41 Resp: 47084
Ion Ratio Lower Upper
41 100
39 0.5 48.4 72.6#
76 0.0 26.2 39.4#



#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

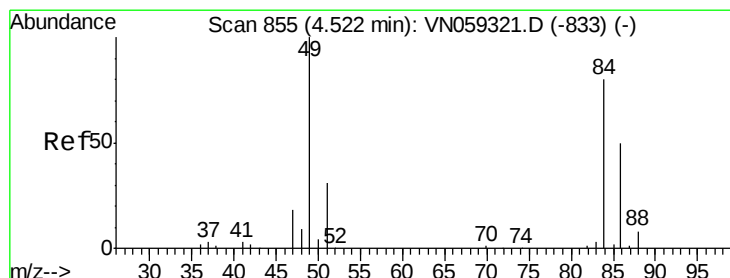
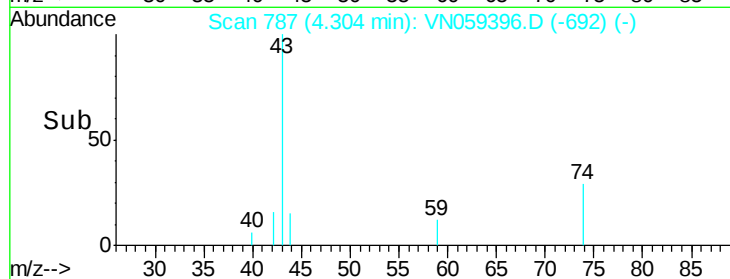
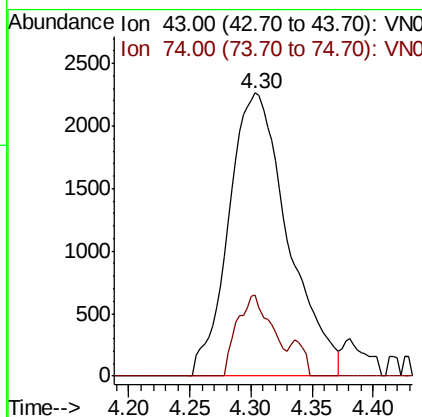
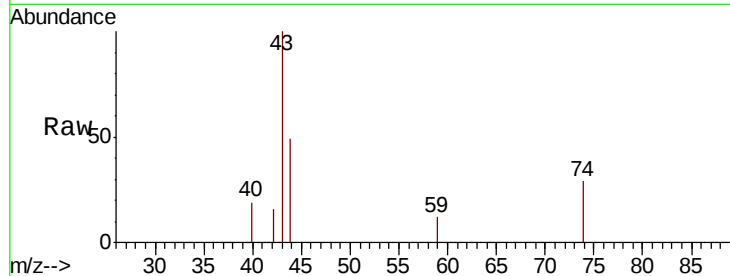




#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

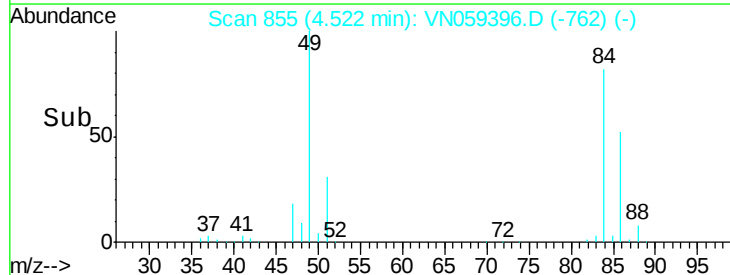
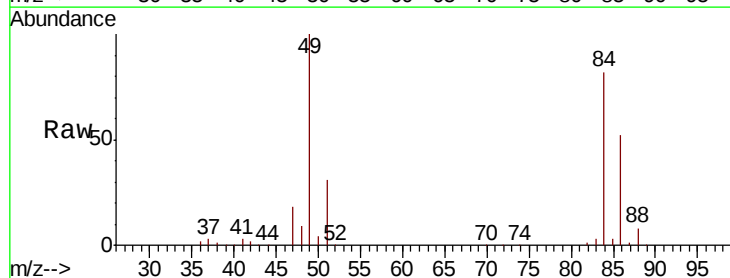
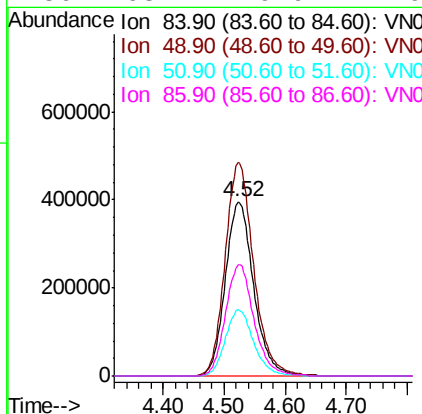
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ClientSampled :

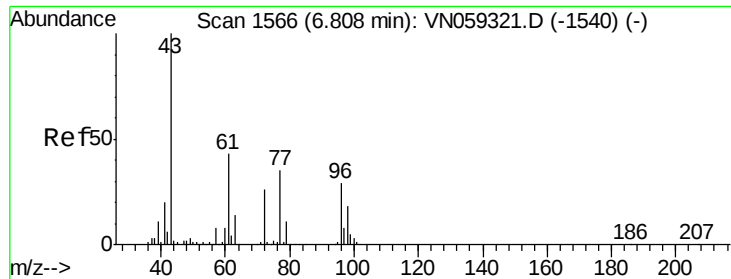
Tot Ion: 43 Resp: 7629
Ion Ratio Lower Upper
43 100
74 16.8 18.1 27.1#



#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

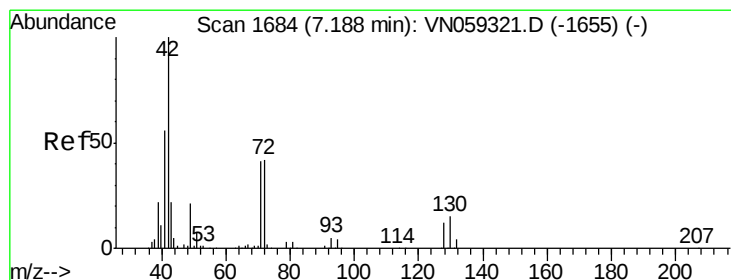
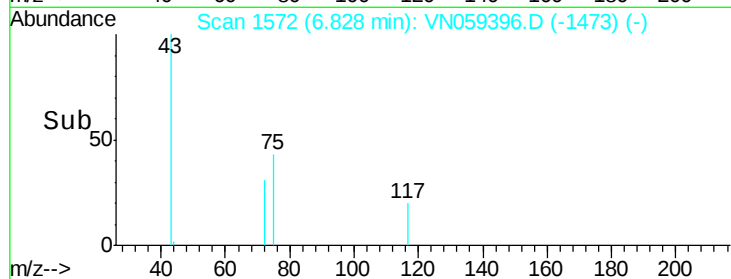
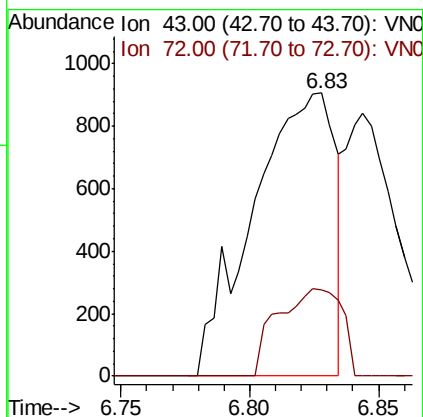
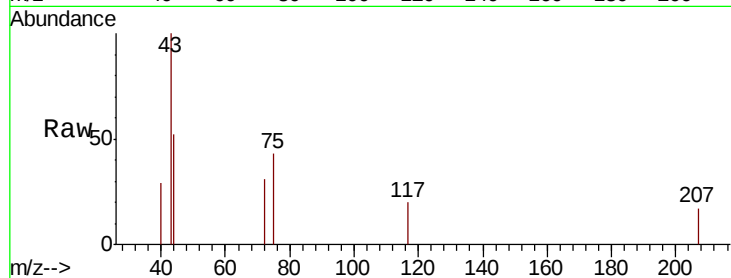




#25
2-Butanone
Concen: 0.658 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

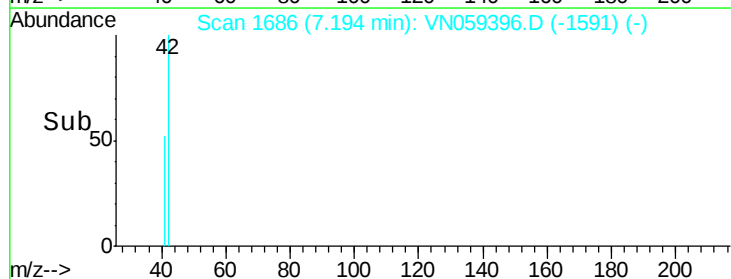
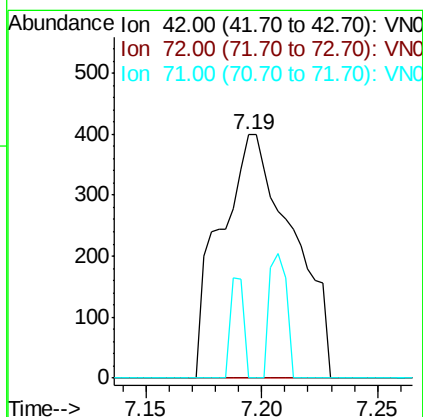
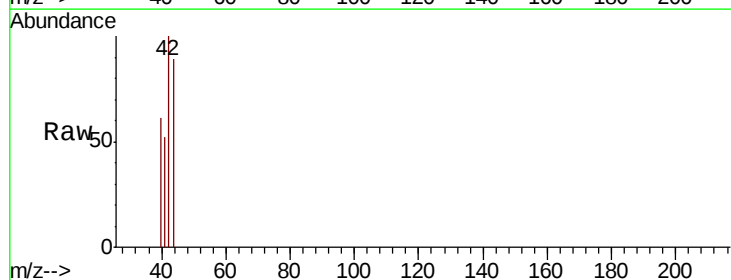
Instrument :
MSVOA_N
ClientSampled :

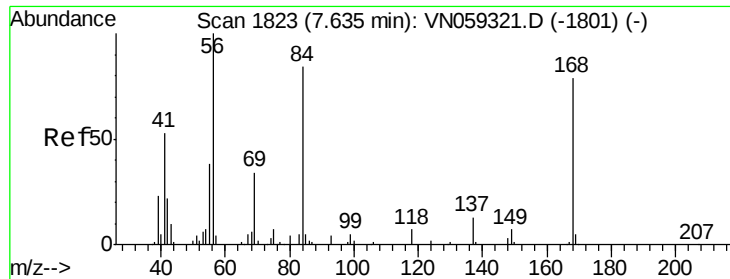
Tot Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
72 30.6 20.5 30.7



#29
Tetrahydrofuran
Concen: 0.411 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion: 42 Resp: 864
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 7.3 32.6 48.8#

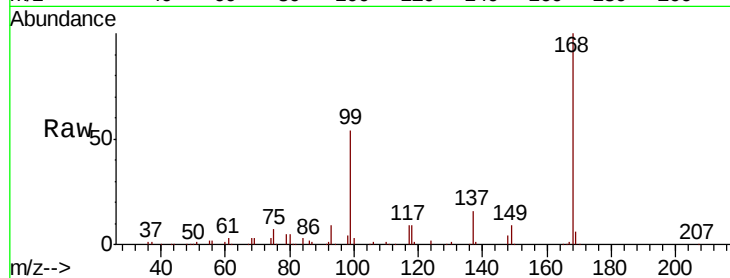




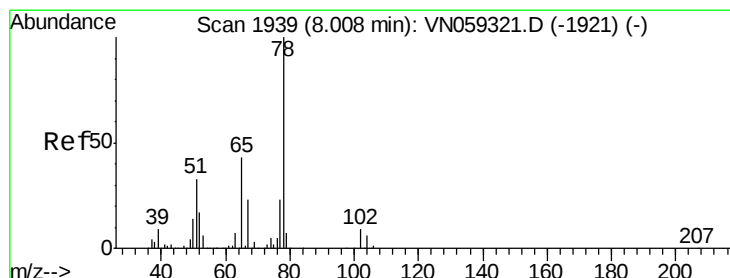
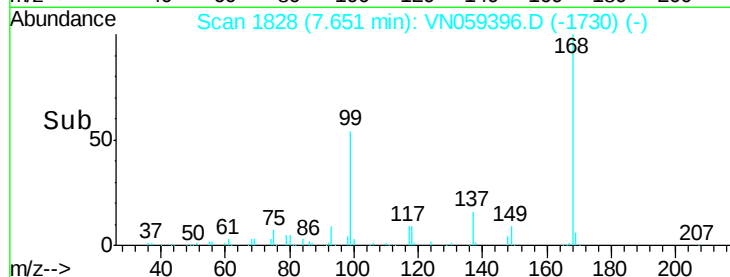
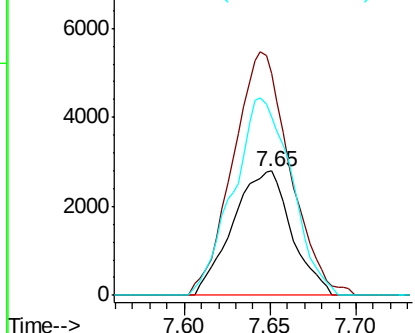
#31
Cyclohexane
Concen: 0.865 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6639
Ion Ratio Lower Upper
56 100
69 179.1 26.6 40.0#
84 144.2 67.0 100.4#

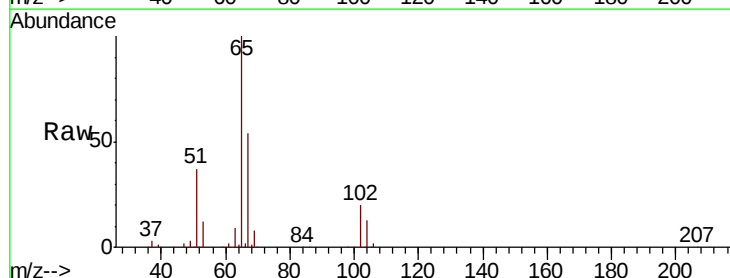


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

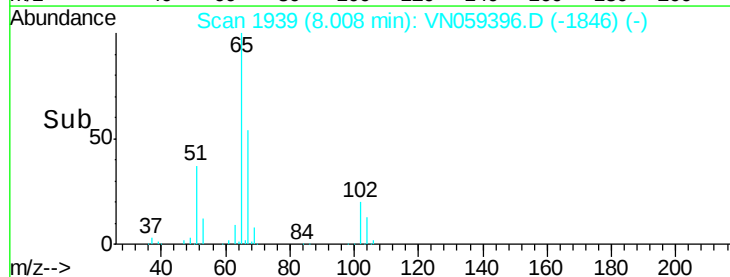
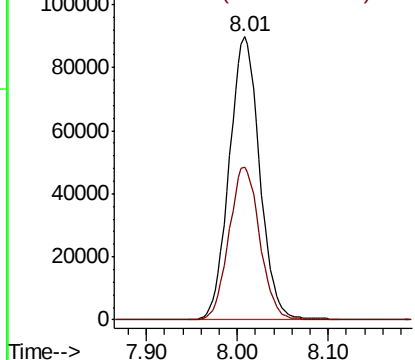


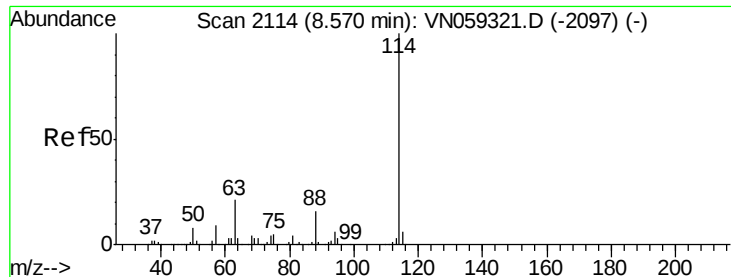
#33
1,2-Dichloroethane-d4
Concen: 47.914 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

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



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

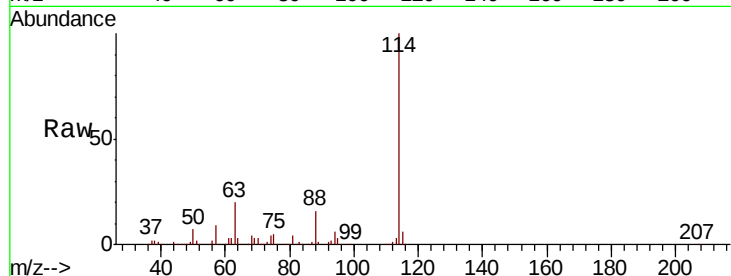




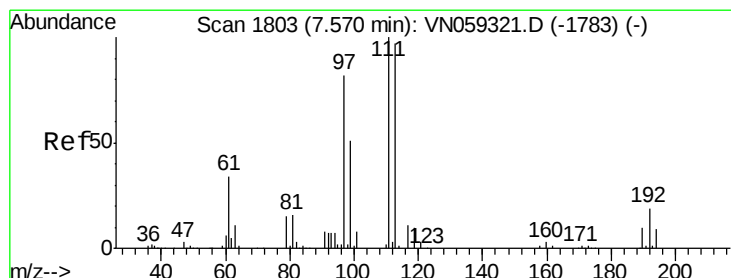
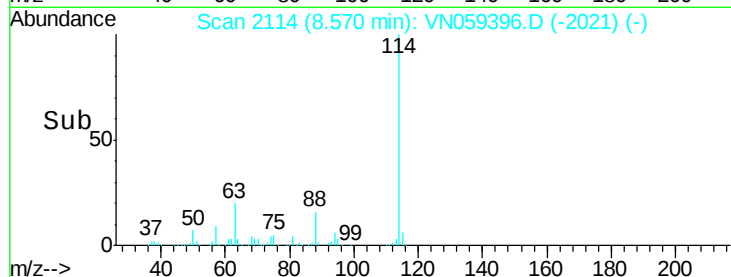
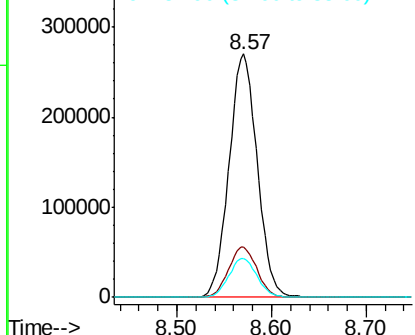
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	16.2	0.0	32.2

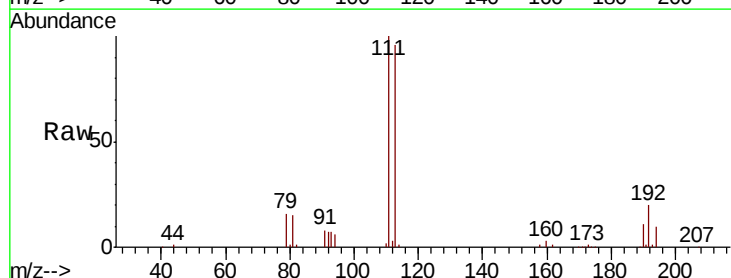


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

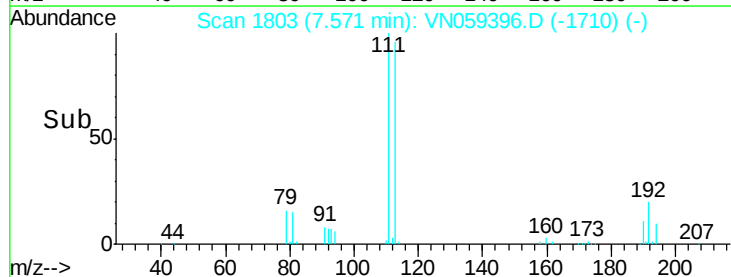
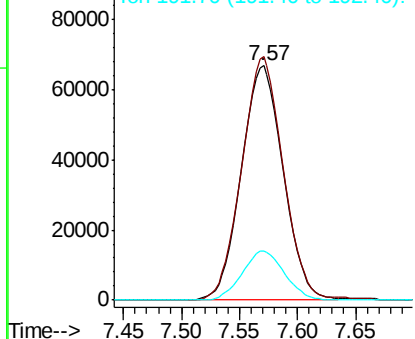


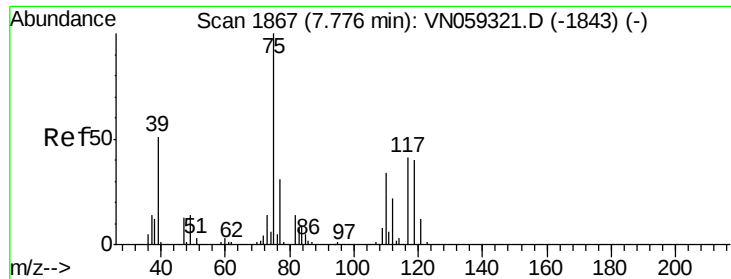
#35
 Dibromofluoromethane
 Concen: 50.138 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	21.1	16.3	24.5



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

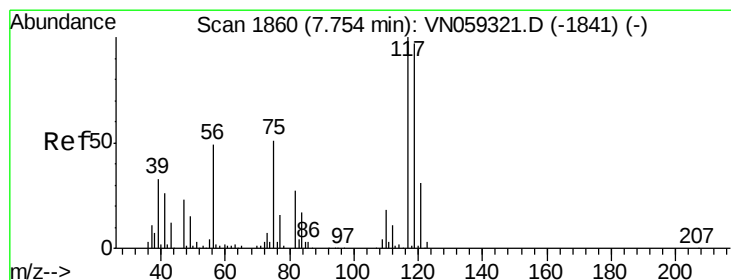
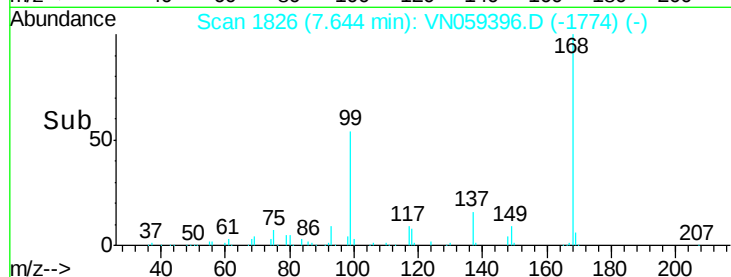
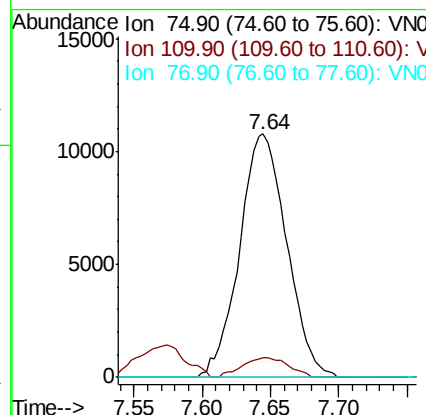
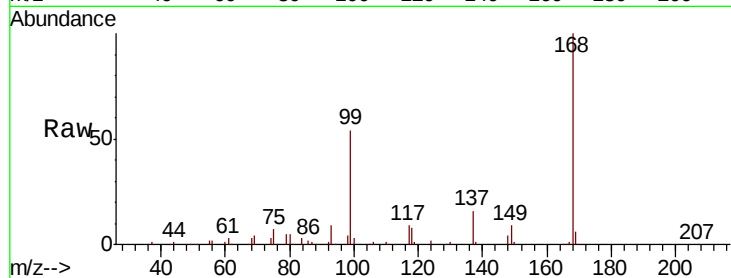




#36
 1,1-Dichloropropene
 Concen: 4.482 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

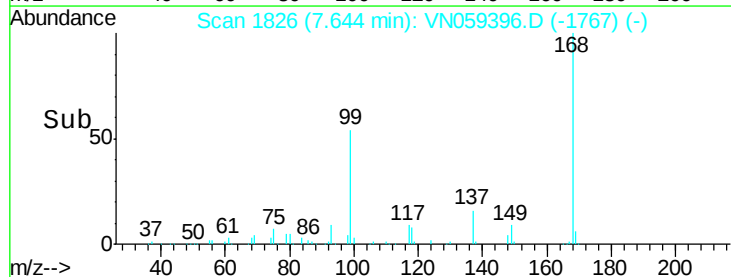
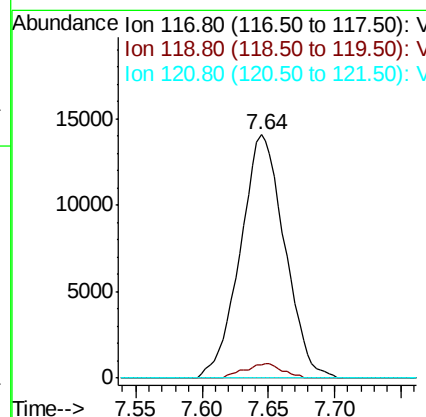
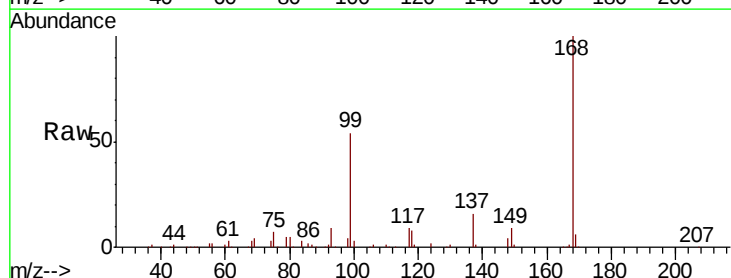
Instrument :
 MSVOA_N
 ClientSampled :

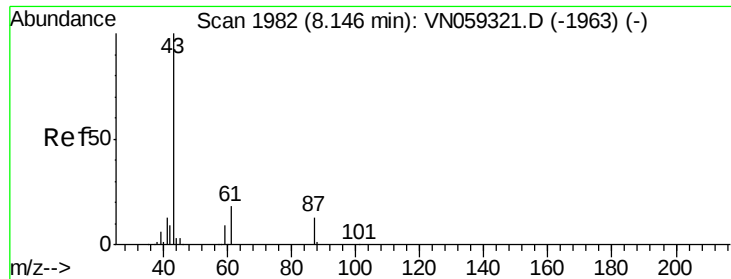
Tot Ion	75	Resp	25870
Ion Ratio	Lower	Upper	
75	100		
110	8.0	17.0	51.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.935 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion	117	Resp	32795
Ion Ratio	Lower	Upper	
117	100		
119	5.5	77.0	115.4#
121	0.0	24.4	36.6#





#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

Instrument :

MSVOA_N

ClientSampleId :

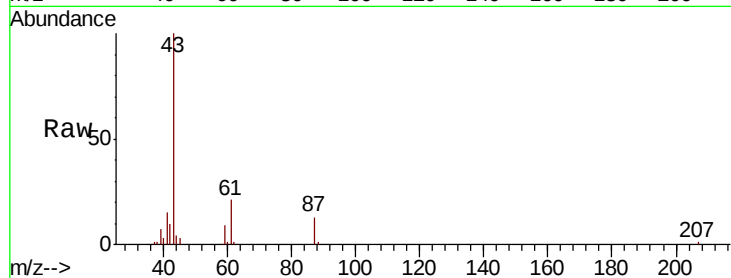
Tot Ion: 43 Resp: 85514

Ion Ratio Lower Upper

43 100

61 21.3 21.7 32.5#

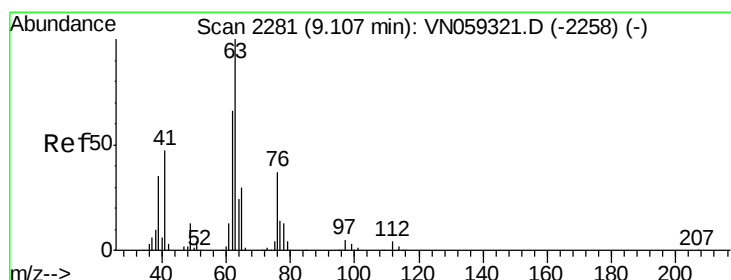
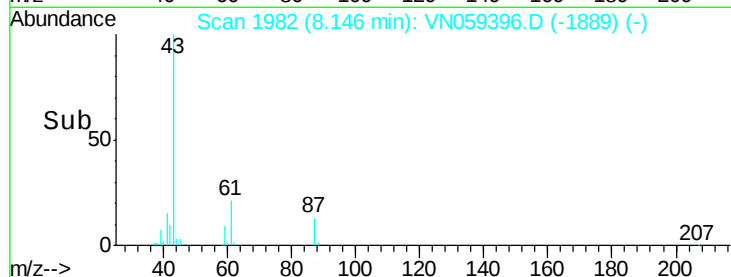
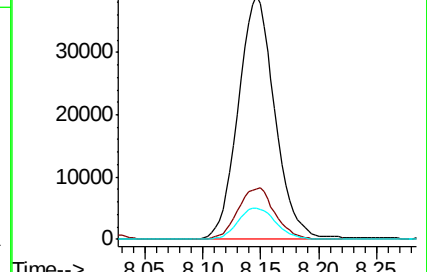
87 13.1 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)



#45

1,2-Dichloropropane

Concen: 0.381 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059396.D

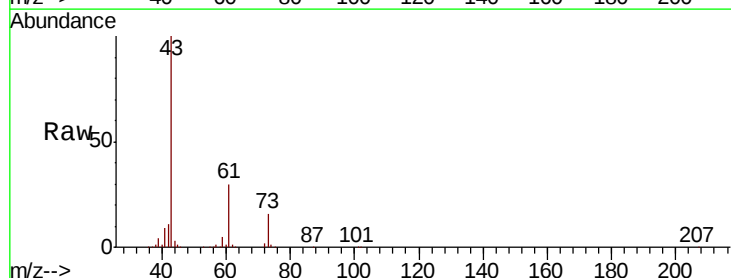
Acq: 25 Nov 2019 20:13

Tgt Ion: 63 Resp: 1723

Ion Ratio Lower Upper

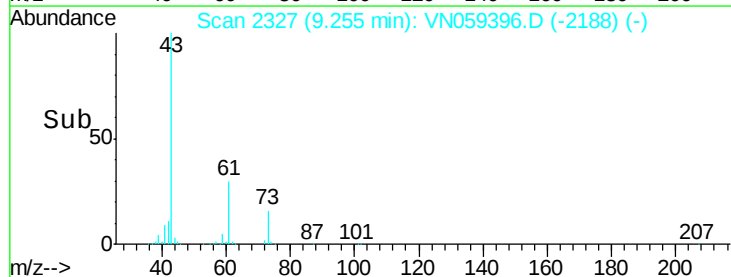
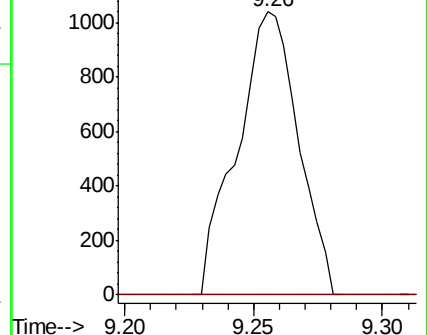
63 100

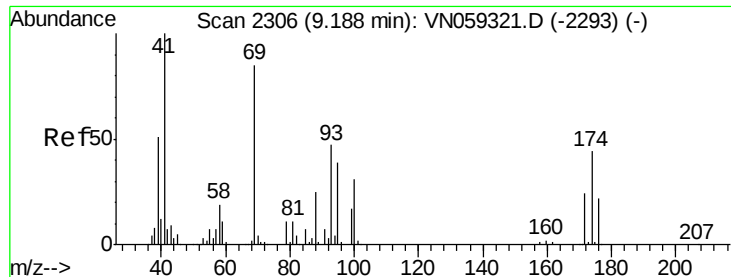
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN059321.D (-2258) (-)

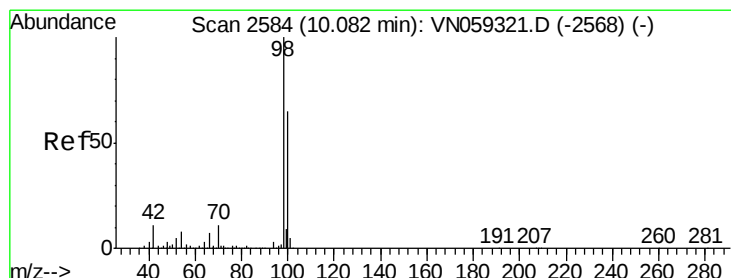
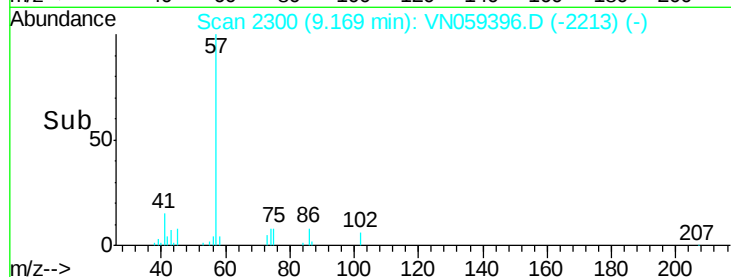
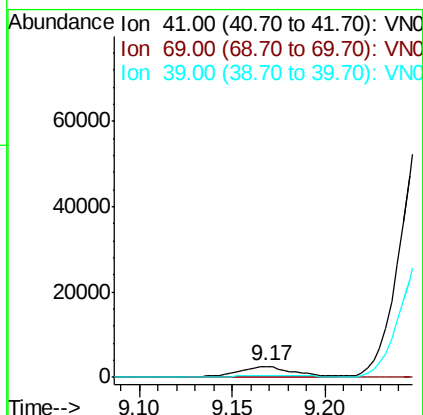
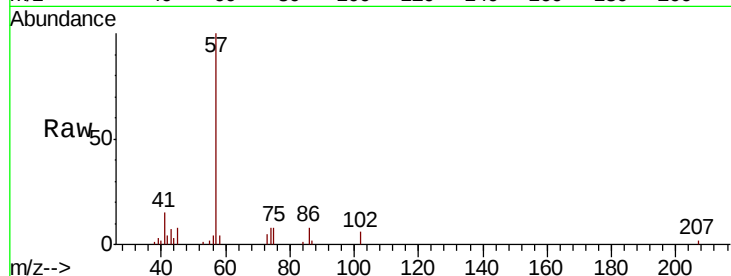




#48
Methvl methacrylate
Concen: 1.248 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

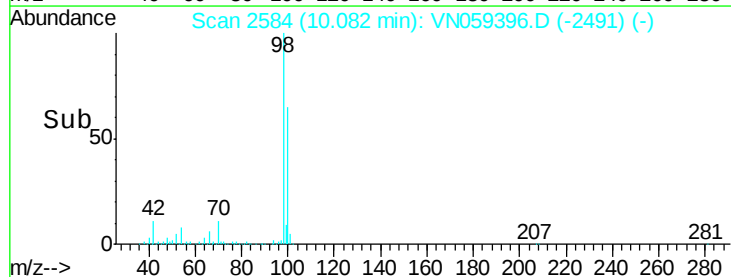
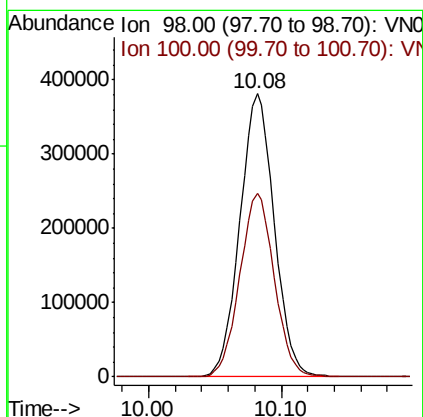
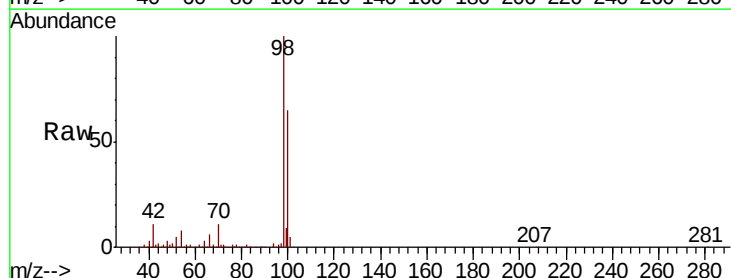
Instrument :
MSVOA_N
ClientSampleId :

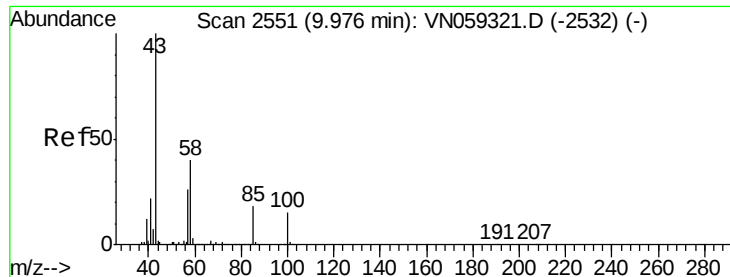
Tot Ion: 41 Resp: 5382
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#



#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

Tgt Ion: 98 Resp: 686250
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.068 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

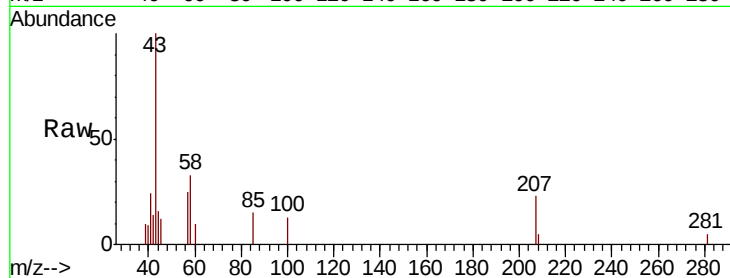
ClientSampled :

Tot Ion: 43 Resp: 5925

Ion Ratio Lower Upper

43 100

58 34.3 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-2532) (-)

8000

6000

4000

2000

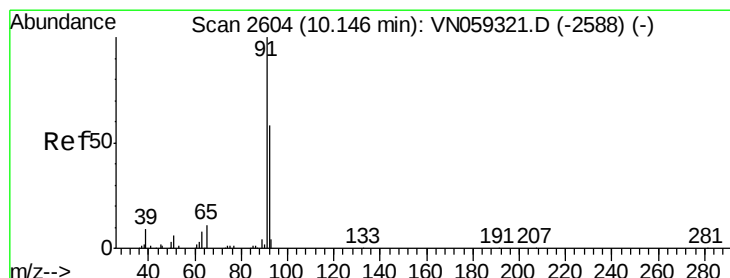
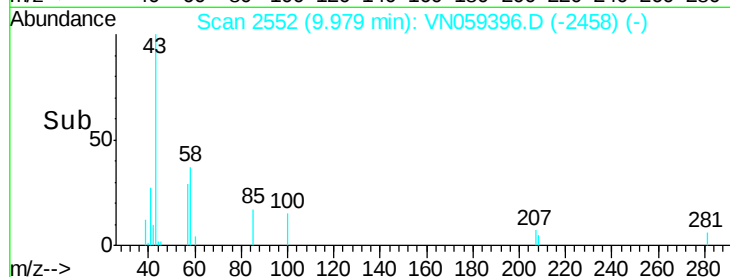
0

9.95

9.98

10.00

Time-->



#52

Toluene

Concen: 0.515 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059396.D

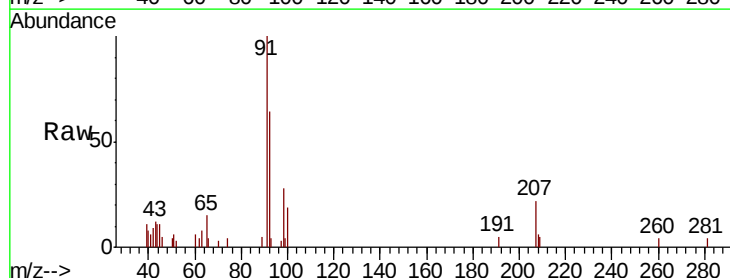
Acq: 25 Nov 2019 20:13

Tgt Ion: 92 Resp: 5249

Ion Ratio Lower Upper

92 100

91 161.6 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN059321.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059321.D (-2588) (-)

5000

4000

3000

2000

1000

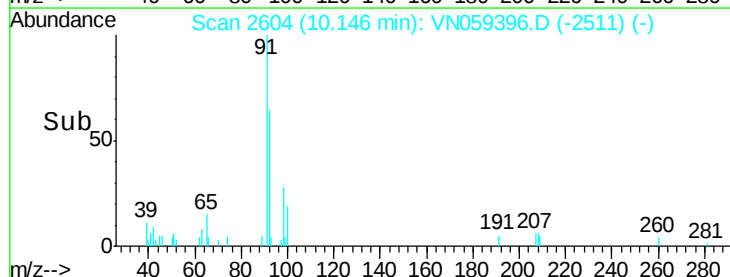
0

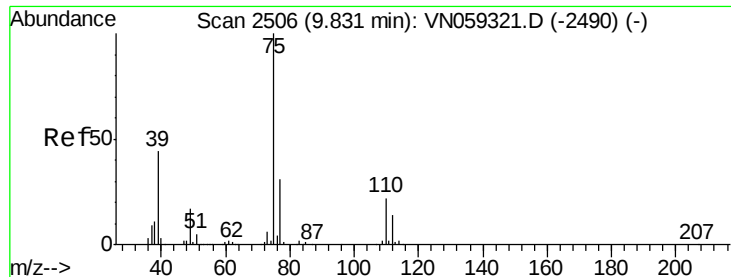
10.10

10.15

10.20

Time-->



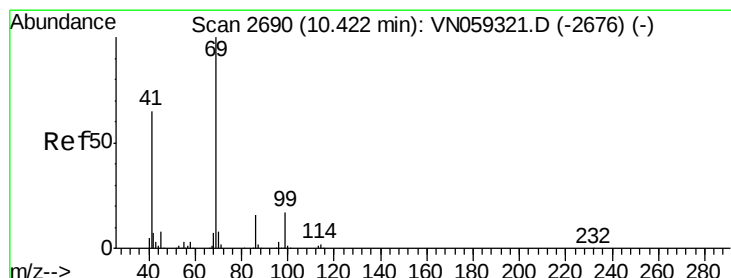
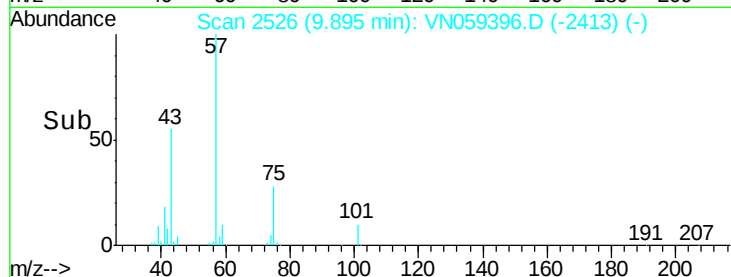
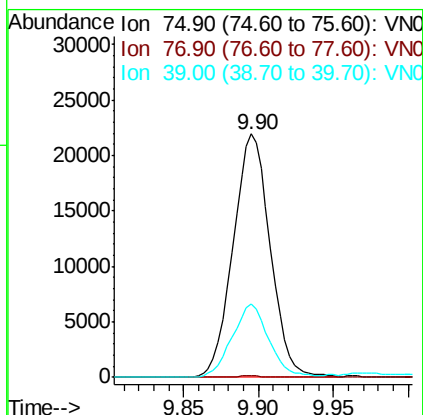
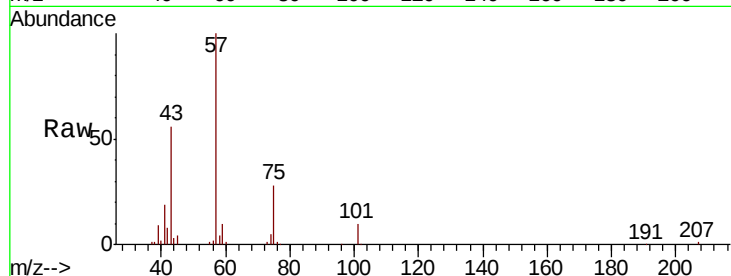


#54

cis-1,3-Dichloropropene
 Concen: 5.402 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.06 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Instrument :
 MSVOA_N
 ClientSampleId :

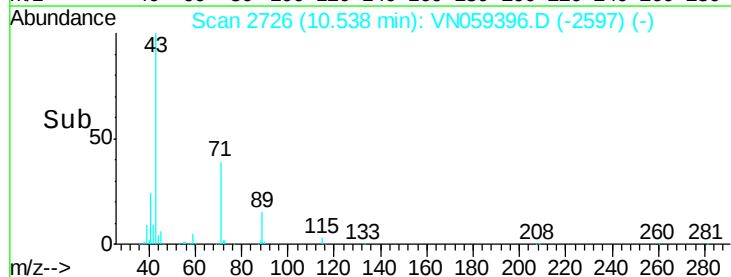
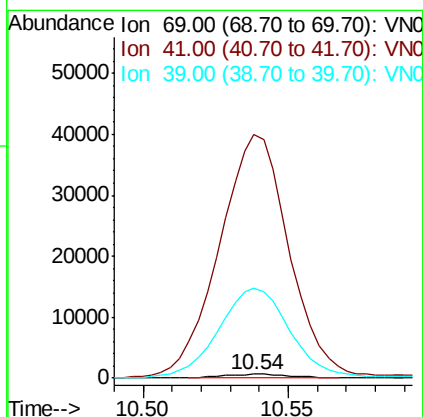
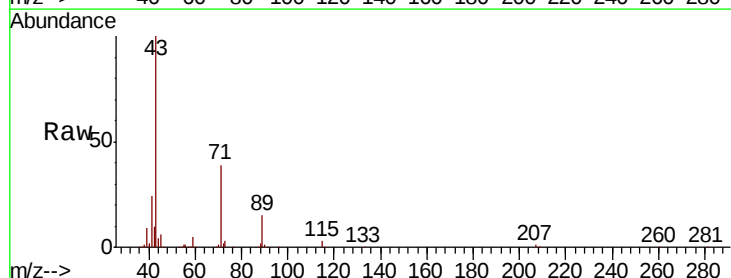
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.0	37.4#
39	30.2	35.5	53.3#

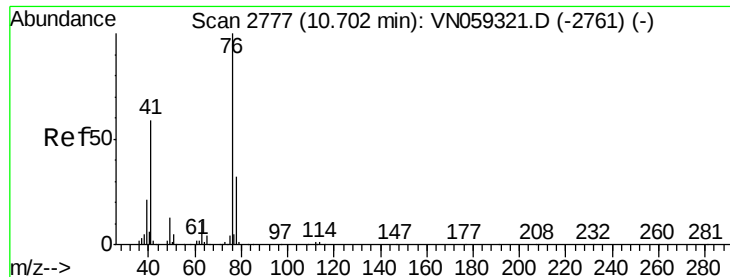


#56

Ethyl methacrylate
 Concen: 2.341 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.12 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	6487.6	51.7	77.5#
39	2445.5	25.2	37.8#





#57

1,3-Dichloropropane

Concen: 0.871 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

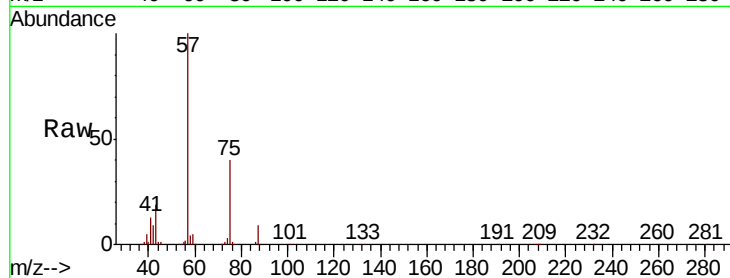
ClientSampleId :

Tot Ion: 76 Resp: 6009

Ion Ratio Lower Upper

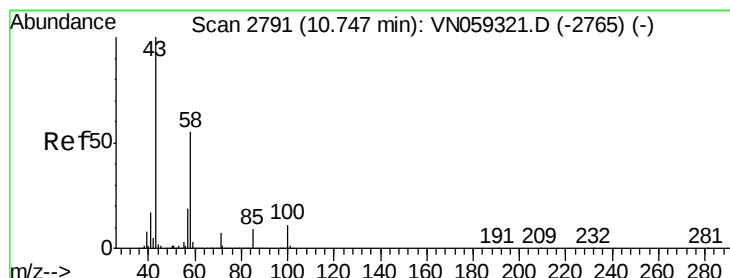
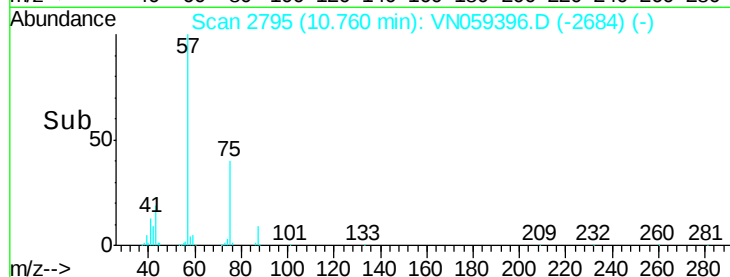
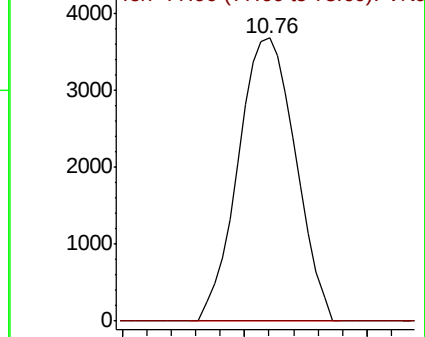
76 100

78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 20.842 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN059396.D

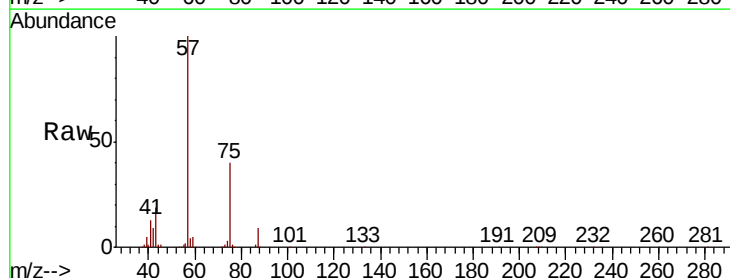
Acq: 25 Nov 2019 20:13

Tgt Ion: 43 Resp: 84687

Ion Ratio Lower Upper

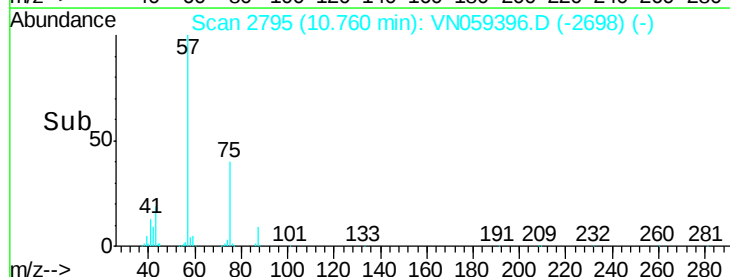
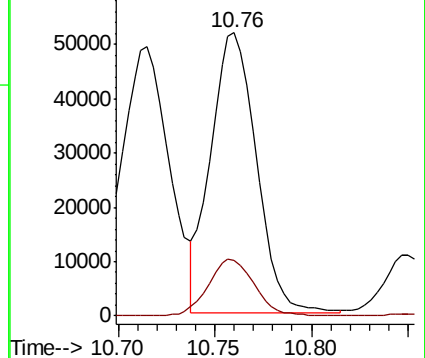
43 100

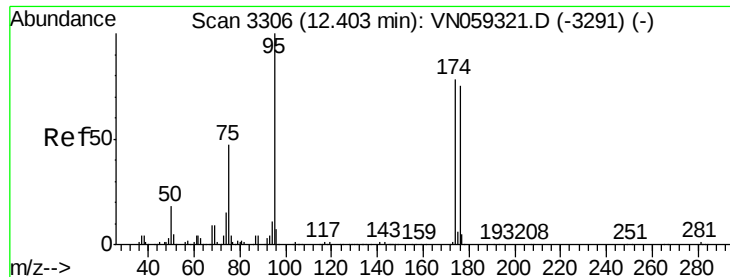
58 20.5 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#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

Instrument :

MSVOA_N

ClientSampleId :

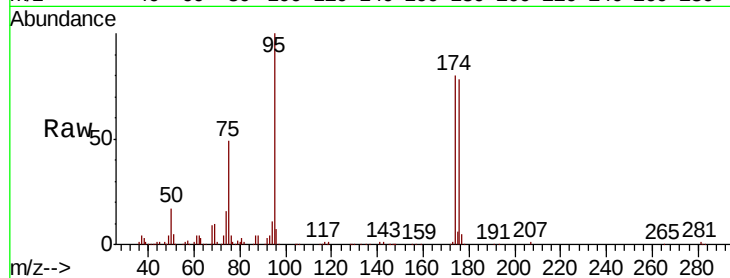
Tot Ion: 95 Resp: 232947

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): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)

12.40

150000

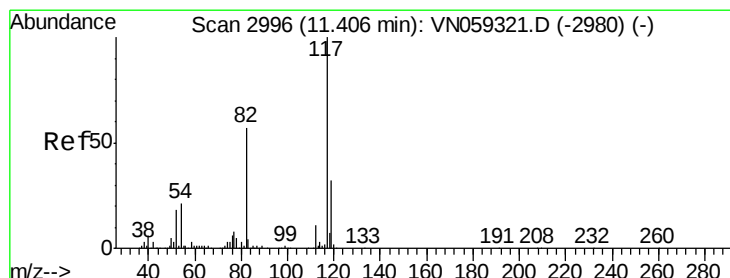
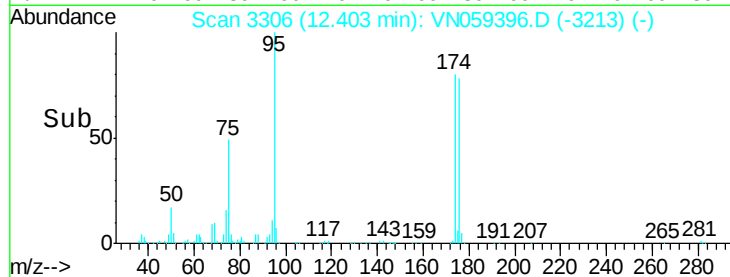
100000

50000

0

12.35 12.40 12.45

Time-->



#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

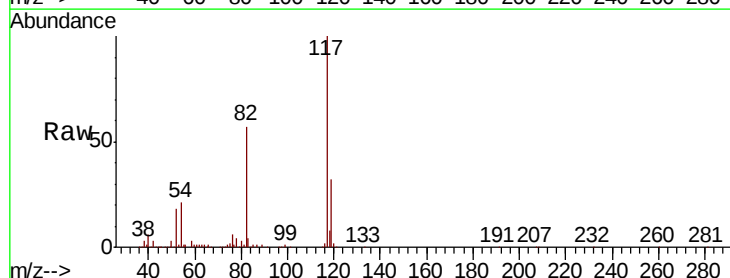
Tgt Ion: 117 Resp: 504419

Ion Ratio Lower Upper

117 100

82 57.1 45.7 68.5

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)

11.40

300000

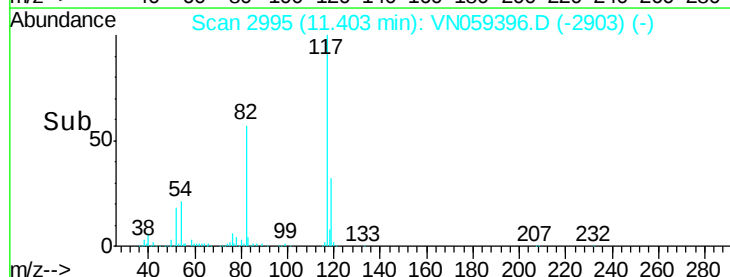
200000

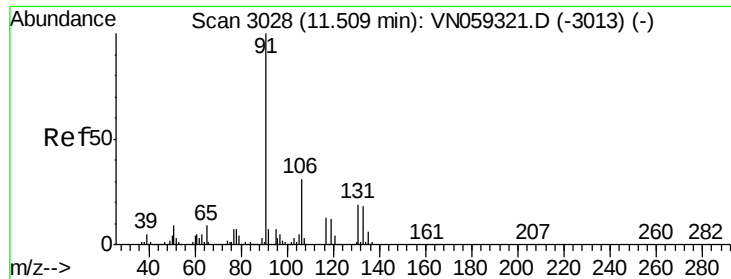
100000

0

11.30 11.40 11.50

Time-->





#67

Ethyl Benzene

Concen: 0.458 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

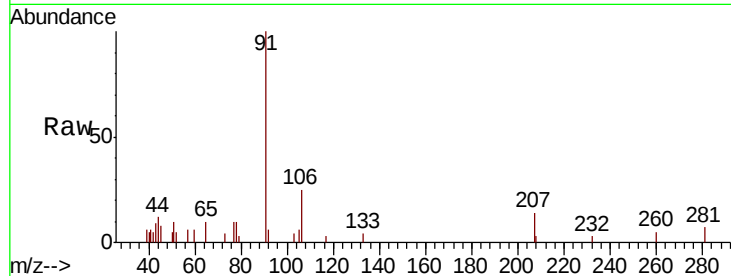
ClientSampleId :

Tot Ion: 91 Resp: 8877

Ion Ratio Lower Upper

91 100

106 25.0 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN059321.D (-3013) (-)

11.51

6000

5000

4000

3000

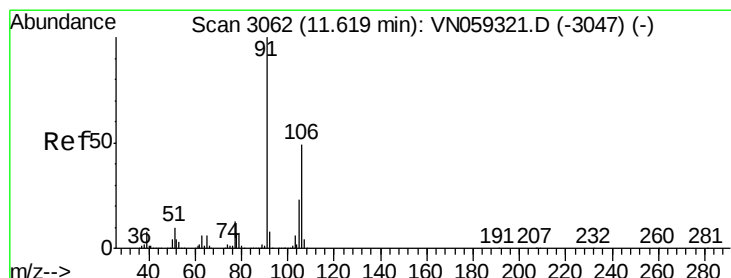
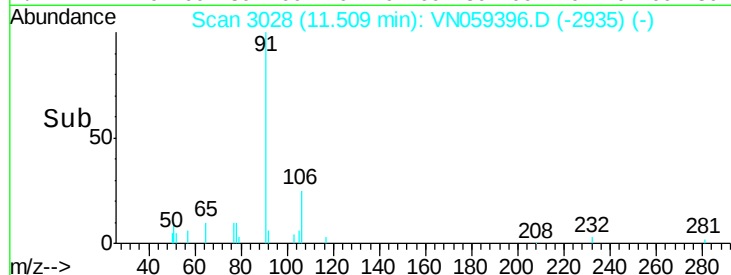
2000

1000

0

Time-->

11.45 11.50 11.55



#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

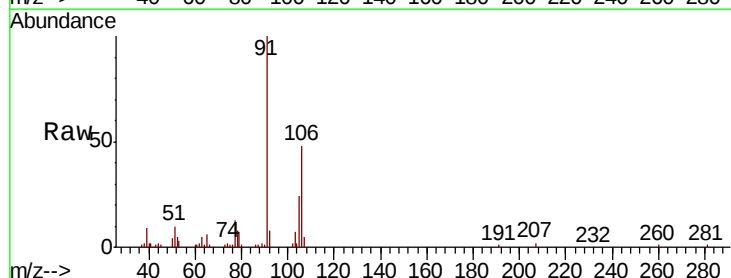
Acq: 25 Nov 2019 20:13

Tgt Ion: 106 Resp: 34004

Ion Ratio Lower Upper

106 100

91 206.3 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): VN059321.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN059321.D (-3047) (-)

11.62

40000

30000

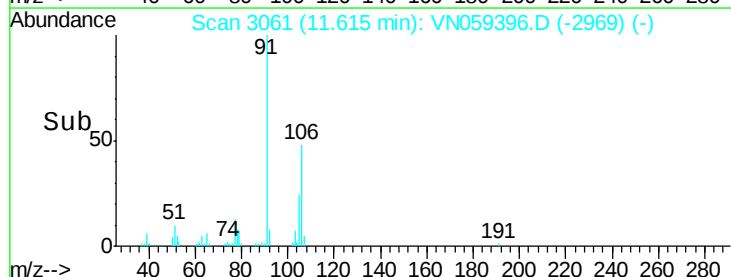
20000

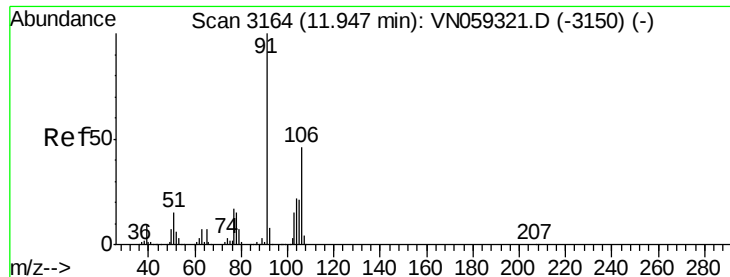
10000

0

Time-->

11.55 11.60 11.65

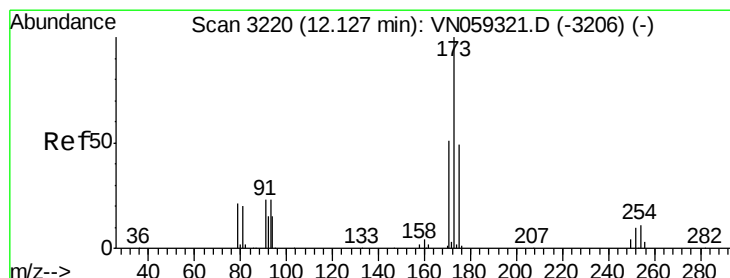
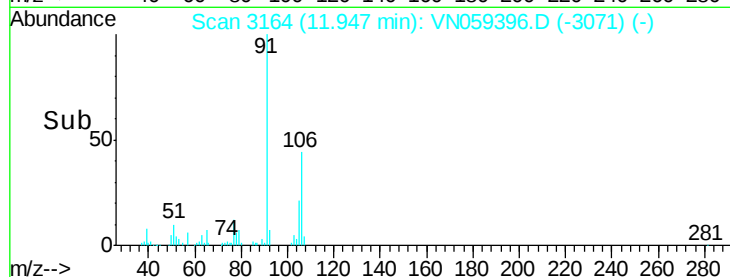
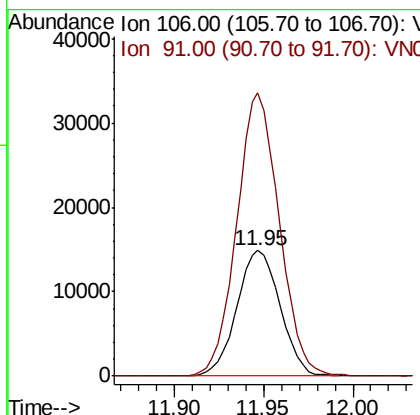
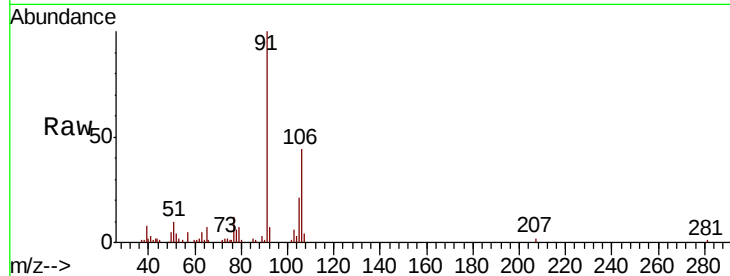




#69
o-Xylene
Concen: 3.654 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

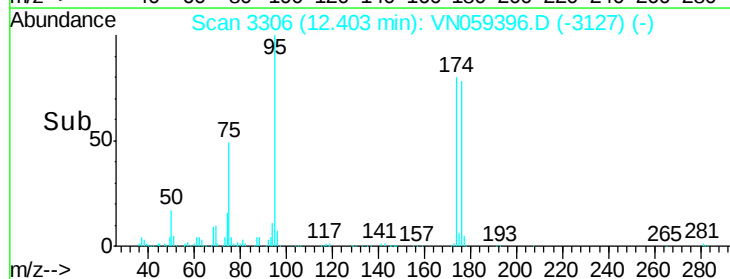
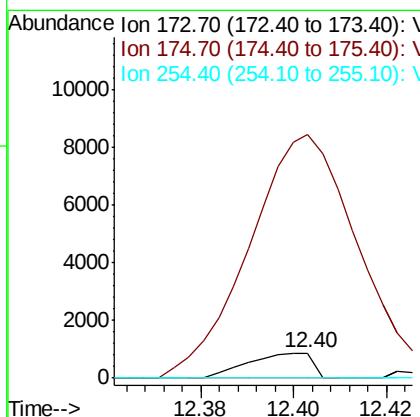
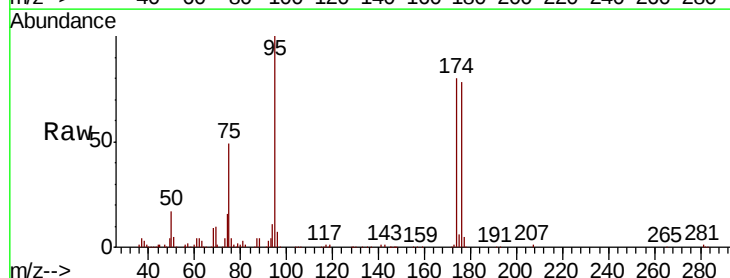
Instrument :
MSVOA_N
ClientSampled :

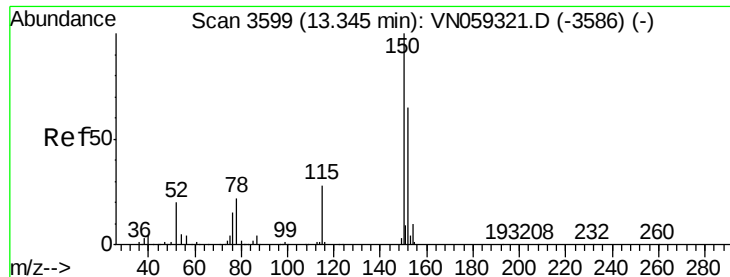
Tot Ion:106 Resp: 25175
Ion Ratio Lower Upper
106 100
91 221.5 109.3 327.9



#71
Bromoform
Concen: 0.278 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion:173 Resp: 831
Ion Ratio Lower Upper
173 100
175 1428.3 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

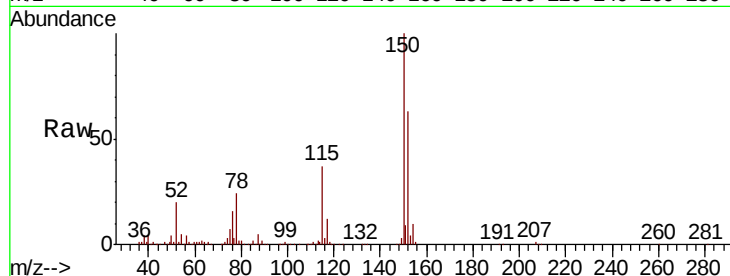
Tot Ion:152 Resp: 208100

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

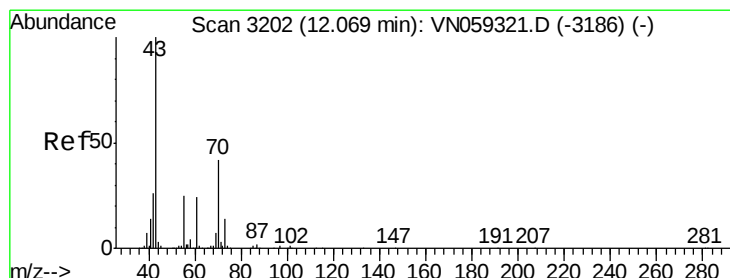
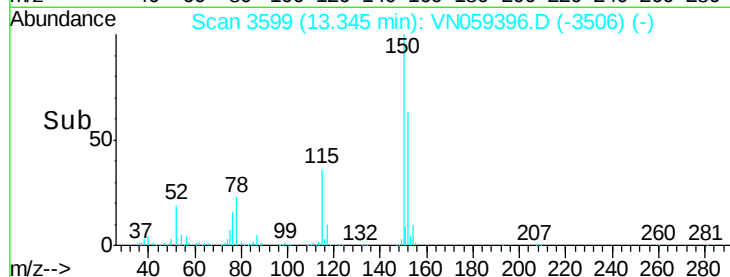
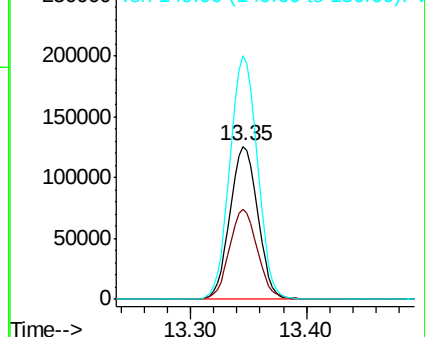
150 158.3 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.601 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Tgt Ion: 43 Resp: 4117

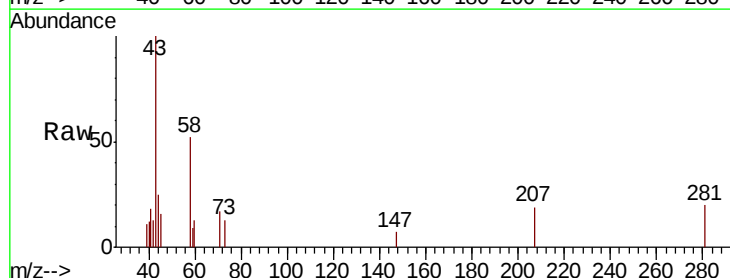
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

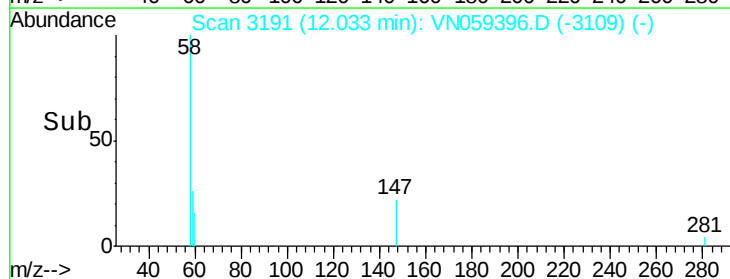
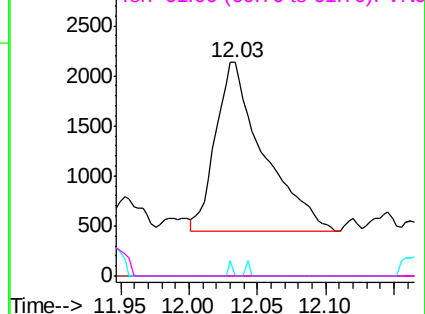


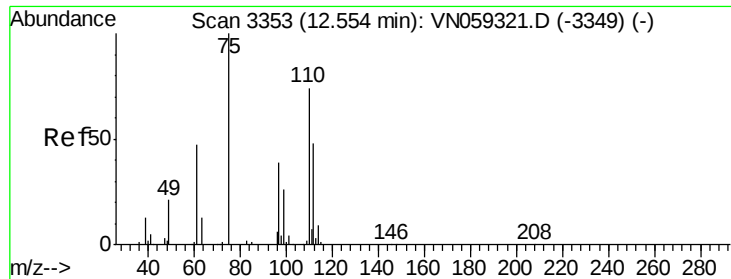
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

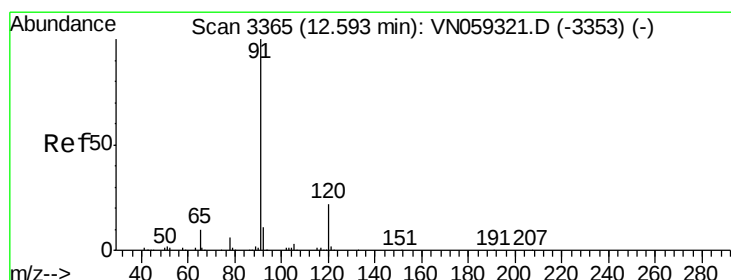
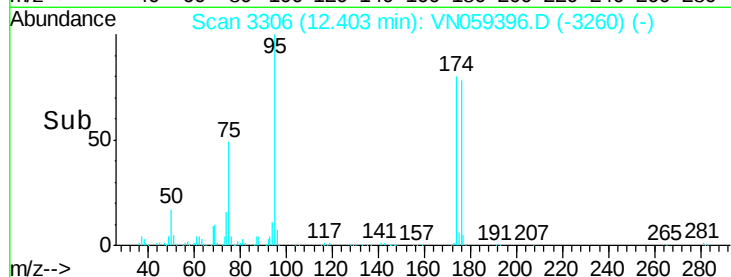
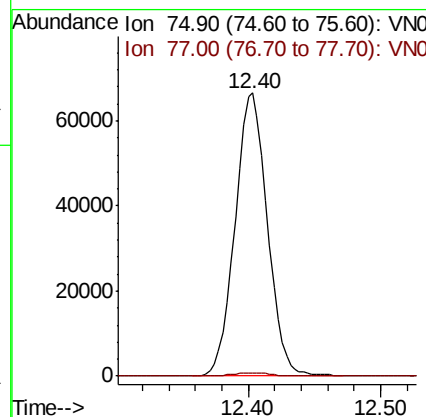
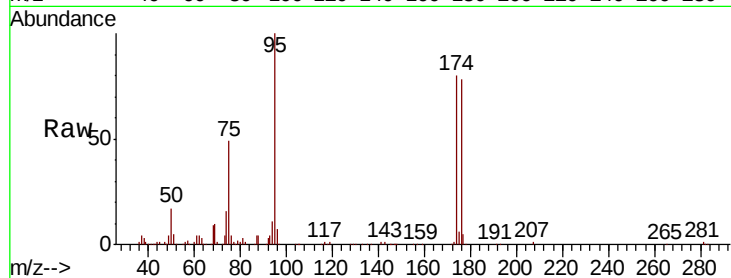




#76
 1,2,3-Trichloropropane
 Concen: 23.412 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

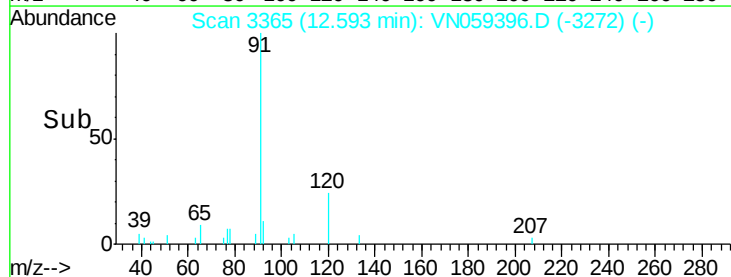
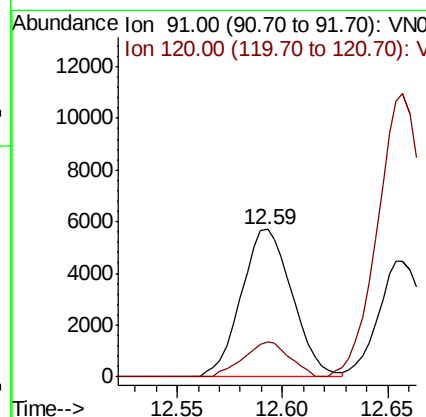
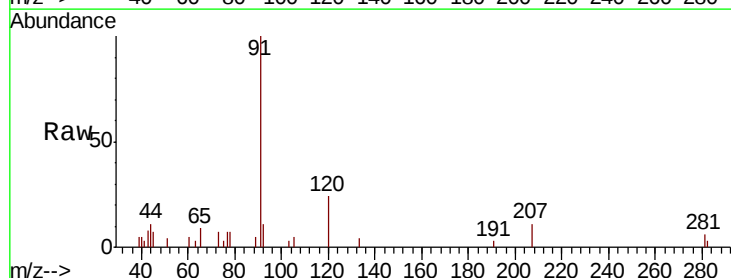
Instrument :
 MSVOA_N
 ClientSampleId :

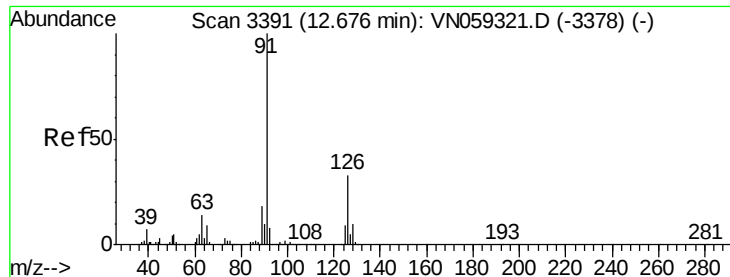
Tot Ion: 75 Resp: 112555
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.498 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion: 91 Resp: 9624
 Ion Ratio Lower Upper
 91 100
 120 21.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 0.762 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

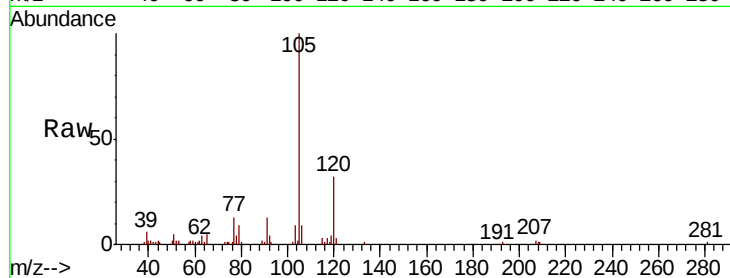
ClientSampleId :

Tot Ion: 91 Resp: 9030

Ion Ratio Lower Upper

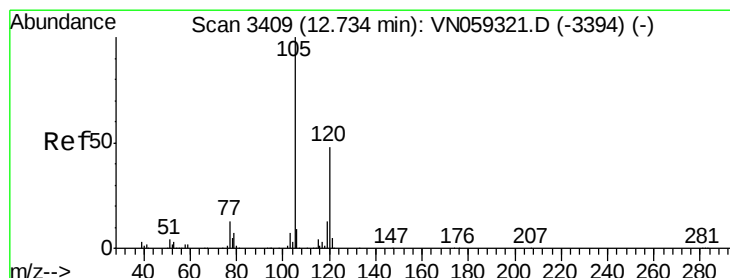
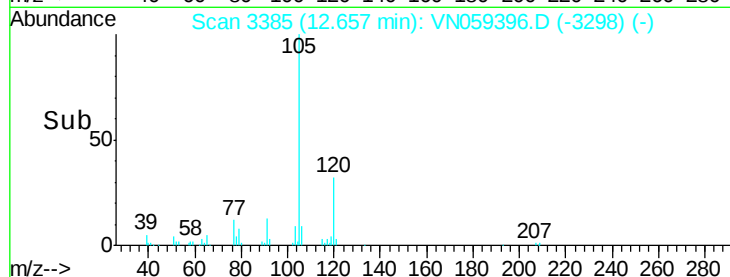
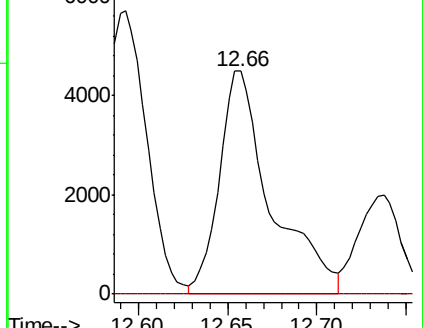
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059321.D (-3378) (-)



#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

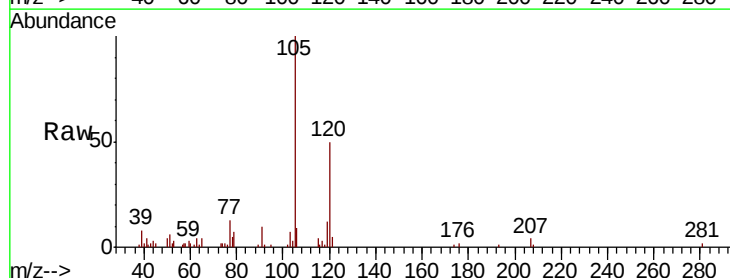
Acq: 25 Nov 2019 20:13

Tgt Ion: 105 Resp: 31894

Ion Ratio Lower Upper

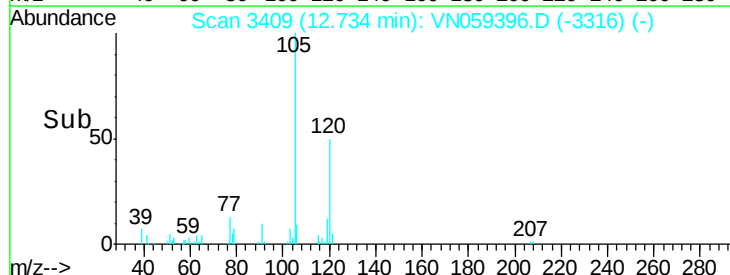
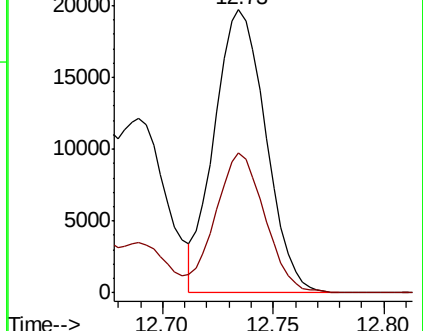
105 100

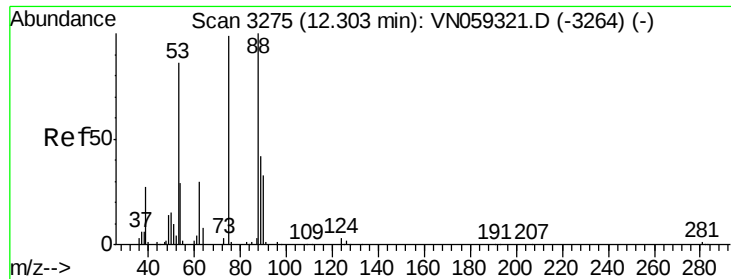
120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3394) (-)

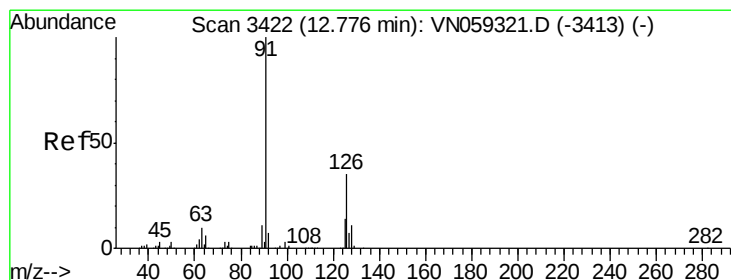
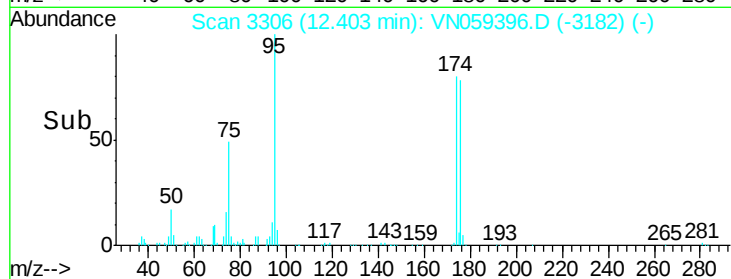
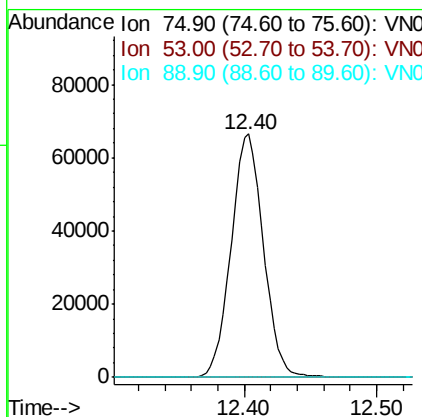
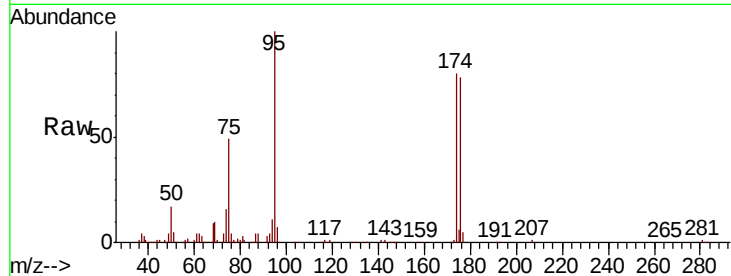




#81
trans-1,4-Dichloro-2-butene
Concen: 58.557 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

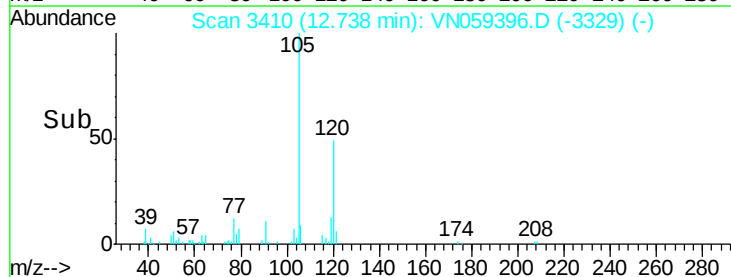
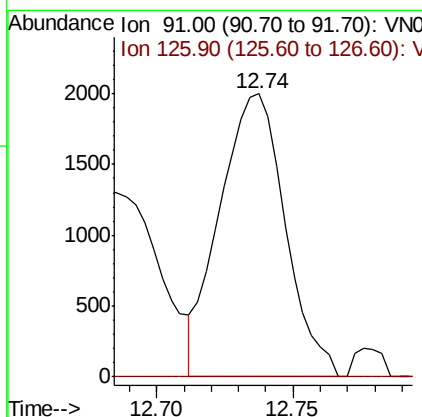
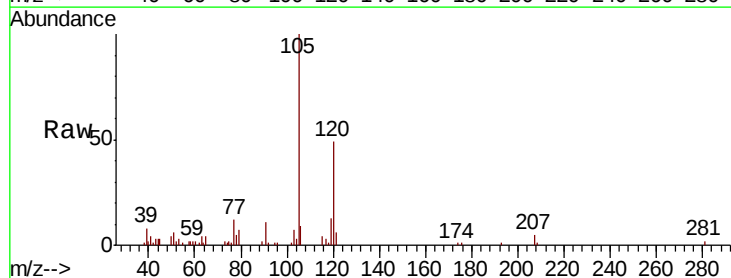
Instrument :
MSVOA_N
ClientSampled :

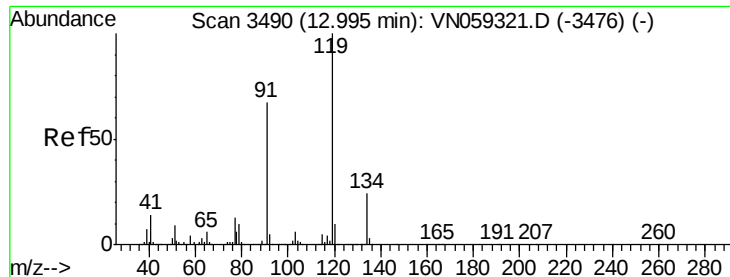
Tot Ion: 75 Resp: 112555
Ion Ratio Lower Upper
75 100
53 0.0 70.7 106.1#
89 0.0 35.4 53.0#



#82
4-Chlorotoluene
Concen: 0.271 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.04 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion: 91 Resp: 3330
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#





#83

tert-Butylbenzene

Concen: 1.223 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

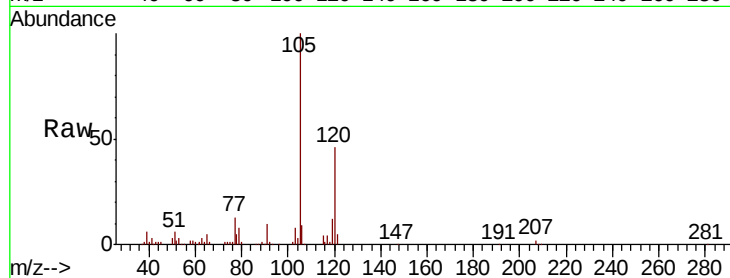
Tot Ion:119 Resp: 14797

Ion Ratio Lower Upper

119 100

91 80.0 32.8 98.4

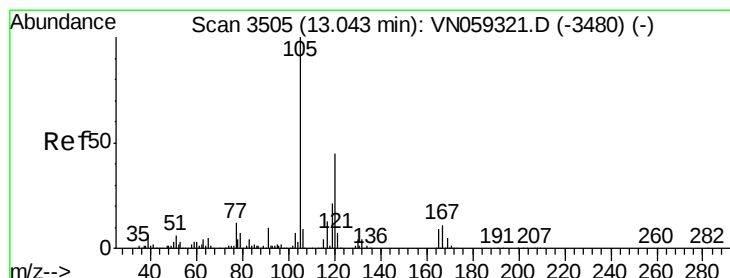
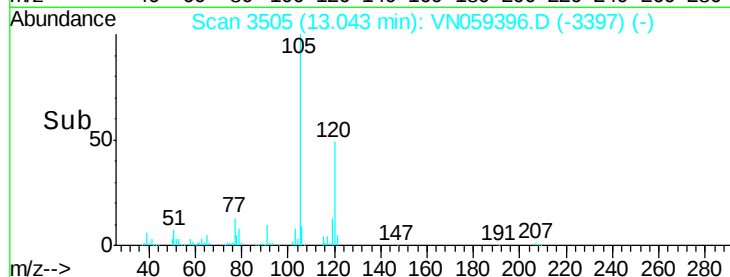
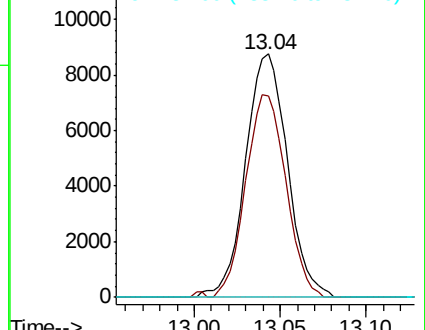
134 0.0 13.0 38.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): 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

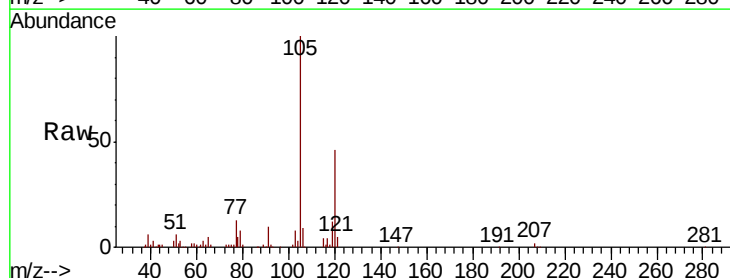
Acq: 25 Nov 2019 20:13

Tgt Ion:105 Resp: 119840

Ion Ratio Lower Upper

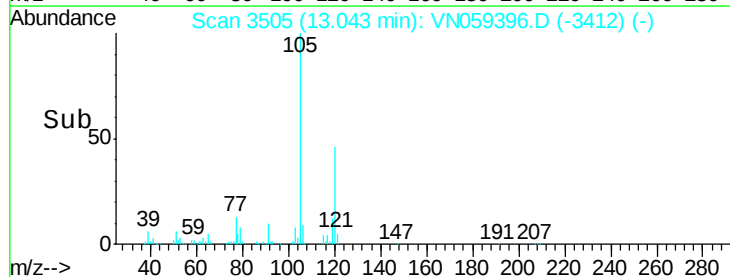
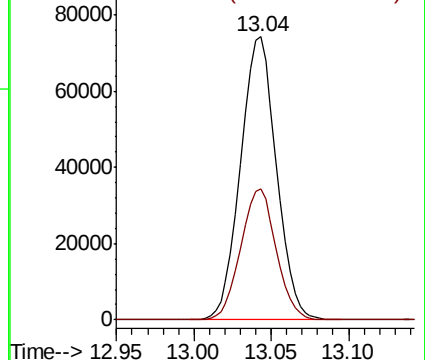
105 100

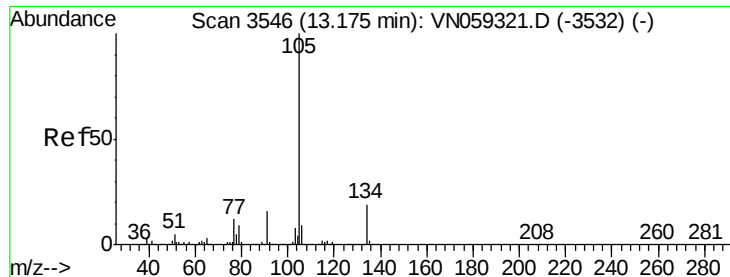
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.321 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

Instrument :

MSVOA_N

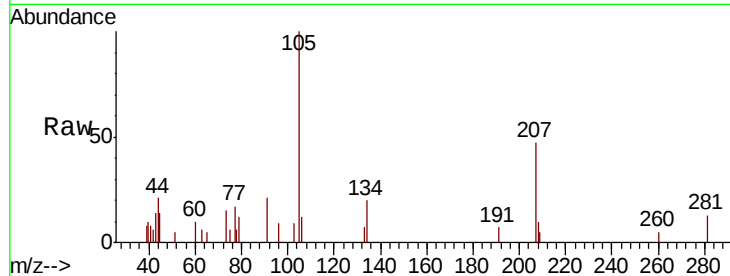
ClientSampled :

Tot Ion:105 Resp: 5225

Ion Ratio Lower Upper

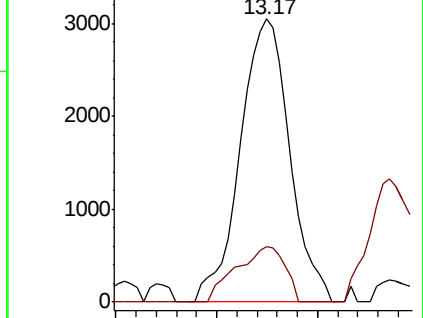
105 100

134 19.5 9.8 29.3

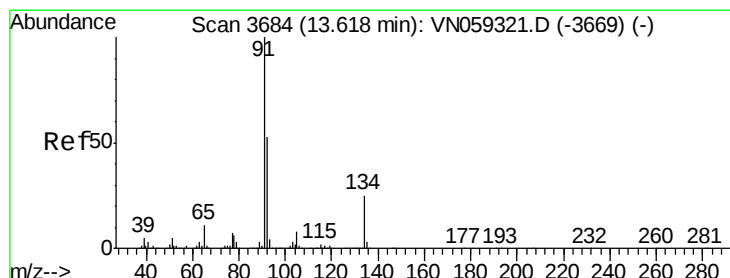
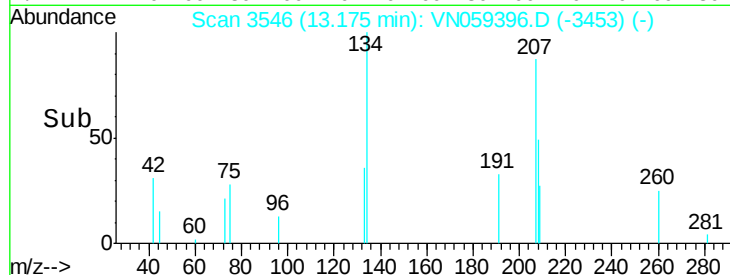


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.10 13.15 13.20



#89

n-Butylbenzene

Concen: 0.271 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059396.D

Acq: 25 Nov 2019 20:13

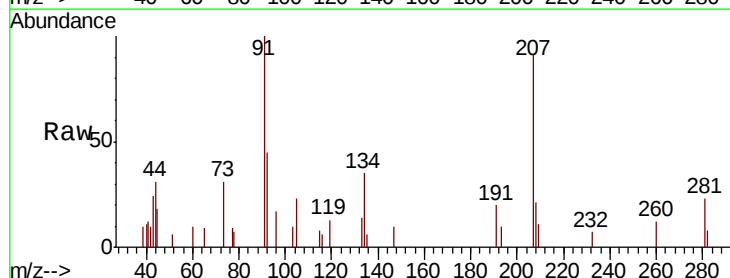
Tgt Ion: 91 Resp: 3443

Ion Ratio Lower Upper

91 100

92 55.5 26.0 78.0

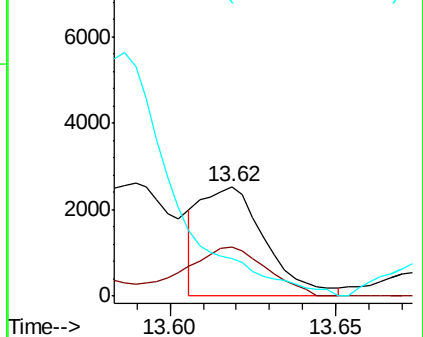
134 0.0 12.7 38.1#



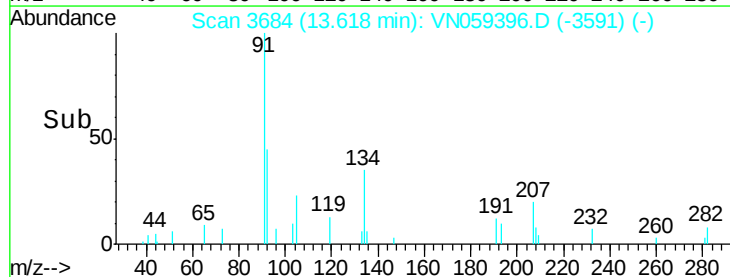
Abundance Ion 91.00 (90.70 to 91.70): VN0

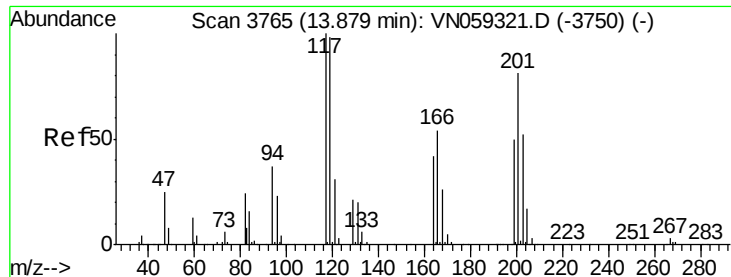
Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



Time--> 13.60 13.65

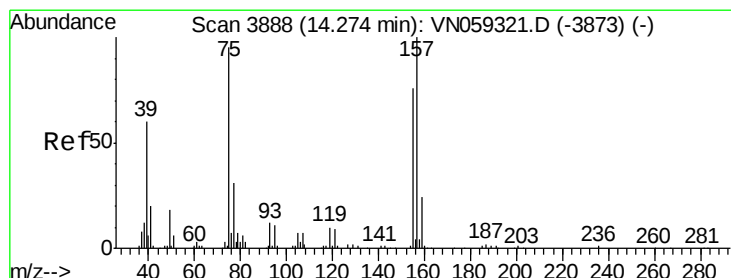
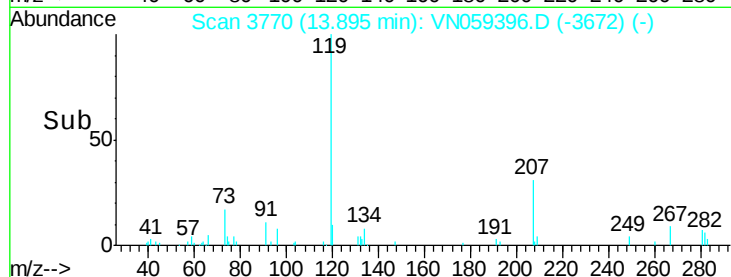
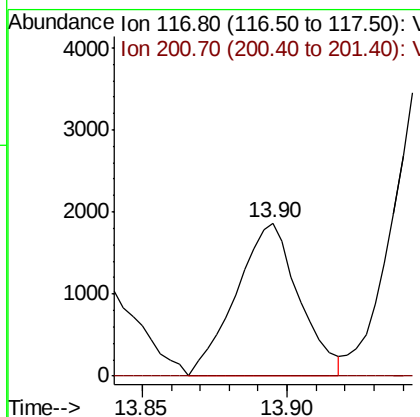
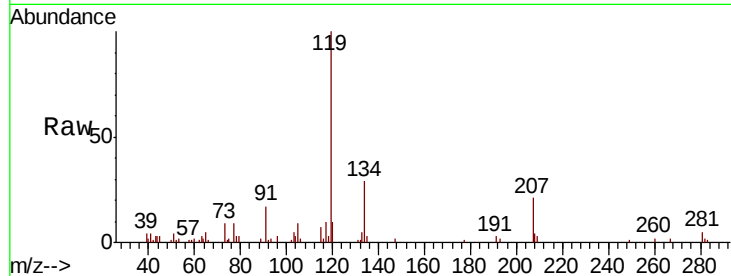




#90
Hexachloroethane
Concen: 1.027 ug/l
RT: 13.90 min Scan# 3770
Delta R.T. 0.02 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

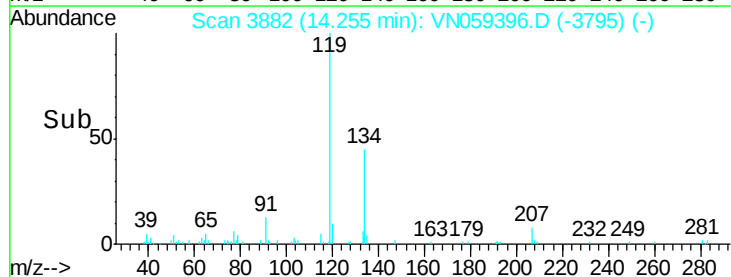
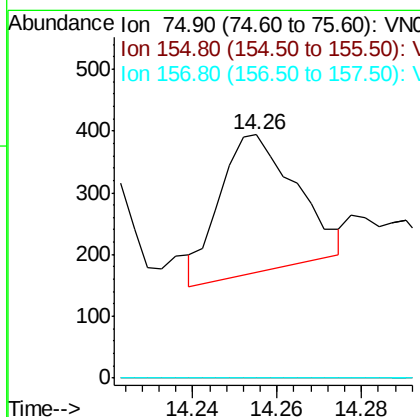
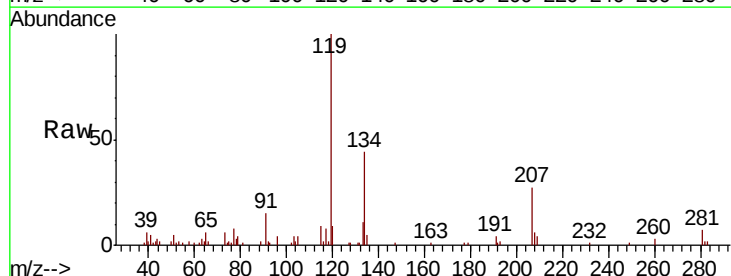
Instrument :
MSVOA_N
ClientSampleId :

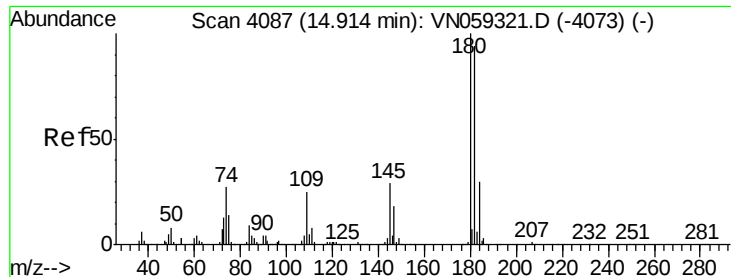
Tot Ion:117 Resp: 2815
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.237 ug/l
RT: 14.26 min Scan# 3882
Delta R.T. -0.02 min
Lab File: VN059396.D
Acq: 25 Nov 2019 20:13

Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
155 0.0 40.5 121.5#
157 0.0 52.7 158.1#

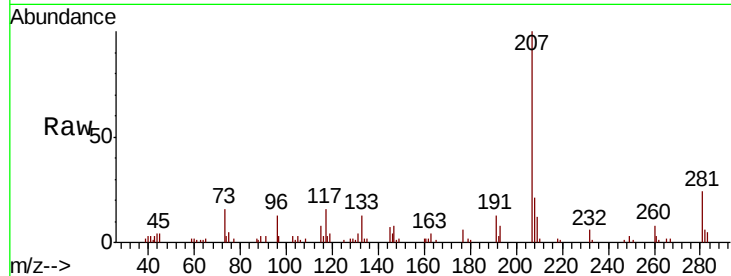




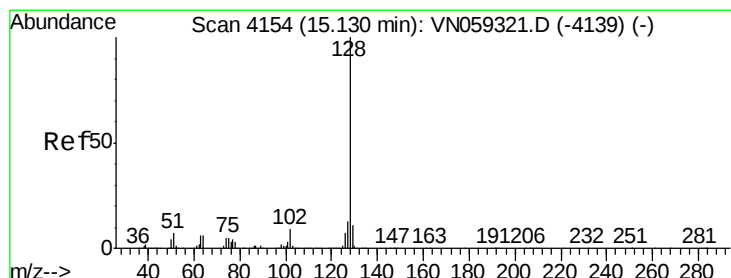
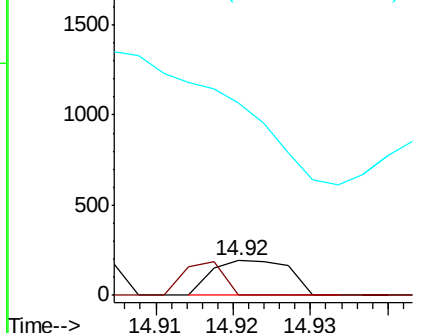
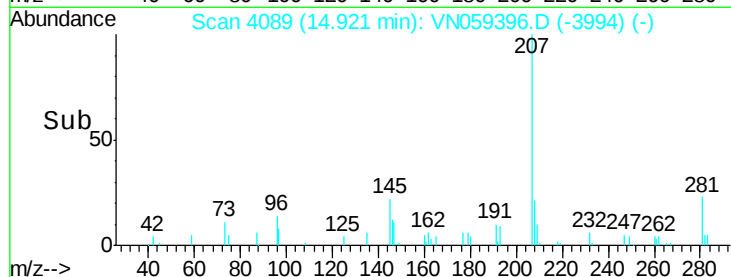
#93
 1,2,4-Trichlorobenzene
 Concen: 2.967 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 135
 Ion Ratio Lower Upper
 180 100
 182 48.9 47.2 141.6
 145 0.0 14.9 44.5#

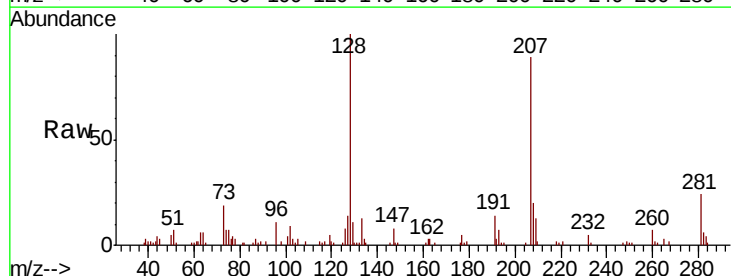


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

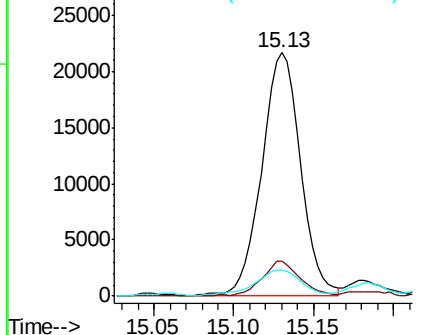
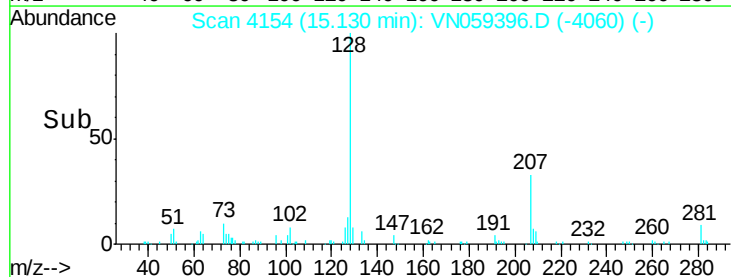


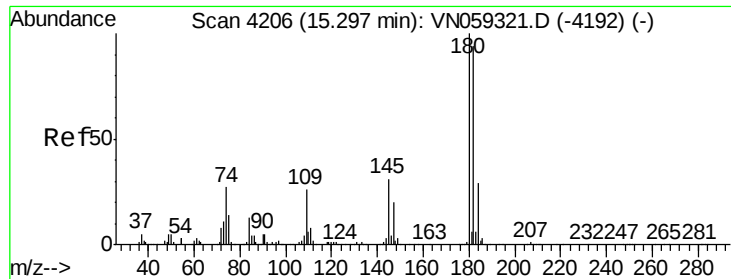
#95
 Naphthalene
 Concen: 5.944 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Tgt Ion:128 Resp: 36366
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.2 15.2
 129 13.1 8.6 13.0#



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

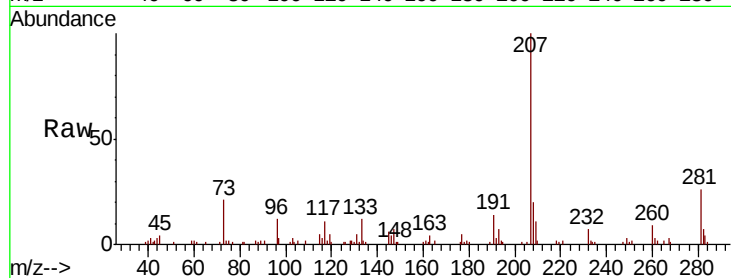




#96
 1,2,3-Trichlorobenzene
 Concen: 1.955 ug/l
 RT: 15.29 min Scan# 4204
 Delta R.T. -0.01 min
 Lab File: VN059396.D
 Acq: 25 Nov 2019 20:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 242
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.4#
 145 1082.6 15.6 46.8#



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

