

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031919\
 Data File : VN054444.D
 Acq On : 19 Mar 2019 17:01
 Operator : JC/SP
 Sample : K1970-09ME
 Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-9-W.WALL-N.CENTERME

Quant Time: Mar 19 17:21:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1912436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2697367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2334095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1095476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	790363	38.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.82%	
35) Dibromofluoromethane	7.59	113	752305	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
50) Toluene-d8	10.09	98	3152594	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	1001328	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	

Target Compounds					Qvalue
10) Methyl Iodide	3.93	142	217	1.504 ug/l #	77
11) Tert butyl alcohol	4.74	59	1035	0.743 ug/l #	70
13) Acrolein	3.61	56	449	0.340 ug/l #	57
16) Acetone	3.82	43	1263	0.217 ug/l	90
18) Methyl Acetate	4.34	43	6807	0.579 ug/l #	86
20) Methylene Chloride	4.54	84	5880	0.308 ug/l #	82
25) 2-Butanone	6.87	43	2707	0.397 ug/l #	81
31) Cyclohexane	7.67	56	27853	Below Cal #	1
36) 1,1-Dichloropropene	7.67	75	100908	4.062 ug/l #	48
38) Carbon Tetrachloride	7.67	117	149047	5.722 ug/l #	16
39) Methylcyclohexane	9.08	83	53218	1.741 ug/l	95
48) Methyl methacrylate	9.14	41	3823	0.301 ug/l #	34
51) 4-Methyl-2-Pentanone	10.09	43	14651	1.105 ug/l #	1
53) t-1,3-Dichloropropene	10.39	75	78	1.989 ug/l #	42
55) 1,1,2-Trichloroethane	10.54	97	41476	2.520 ug/l #	20
56) Ethyl methacrylate	10.43	69	13384	0.682 ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.71	63	29	16.831 ug/l #	44
59) 2-Hexanone	10.72	43	74676	8.465 ug/l #	29
71) Bromoform	12.41	173	5246	2.703 ug/l #	1
73) Isopropylbenzene	12.25	105	130026	1.484 ug/l	100
74) N-amyl acetate	12.04	43	143811	7.392 ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.46	83	10157	0.544 ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	450450	27.962 ug/l #	100
78) n-propylbenzene	12.59	91	346192	3.640 ug/l	100
79) 2-Chlorotoluene	12.59	91	346192	6.054 ug/l #	38
80) 1,3,5-Trimethylbenzene	12.69	105	49794	0.683 ug/l	69
81) trans-1,4-Dichloro-2-buten	12.40	75	450450	95.586 ug/l #	12
82) 4-Chlorotoluene	12.59	91	347921	6.094 ug/l #	39
83) tert-Butylbenzene	12.99	119	14899	0.222 ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	57567	0.805 ug/l	96
85) sec-Butylbenzene	13.17	105	564166	6.483 ug/l	90
86) p-Isopropyltoluene	13.29	119	119065	1.560 ug/l	97
89) n-Butylbenzene	13.61	91	474015	8.172 ug/l #	79
90) Hexachloroethane	13.89	117	152530	12.066 ug/l #	2

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

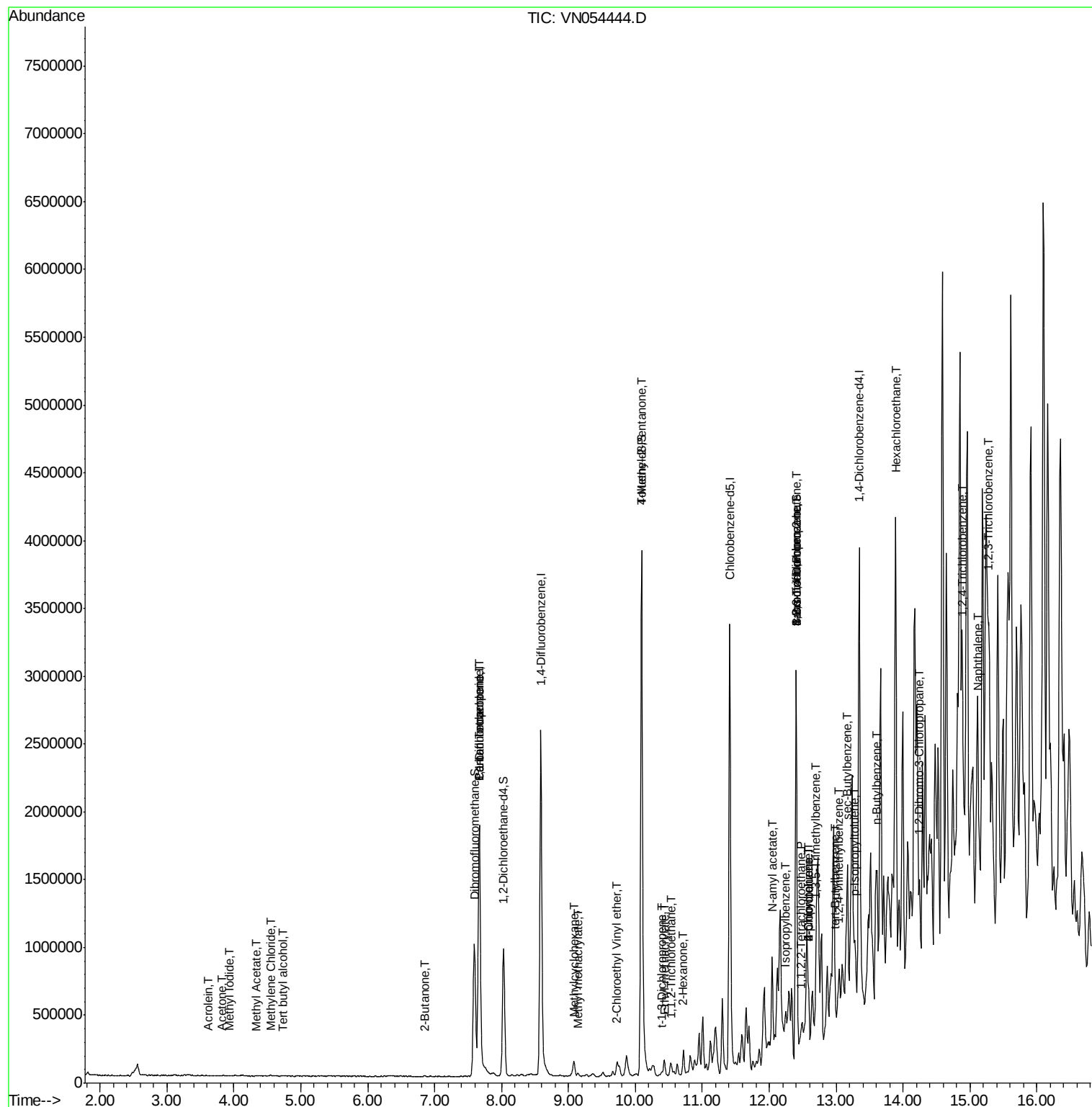
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1393	0.482	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.90	180	1579	2.582	ug/l #	1
95) Naphthalene	15.13	128	135176	6.088	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.28	180	8536	0.421	ug/l #	1

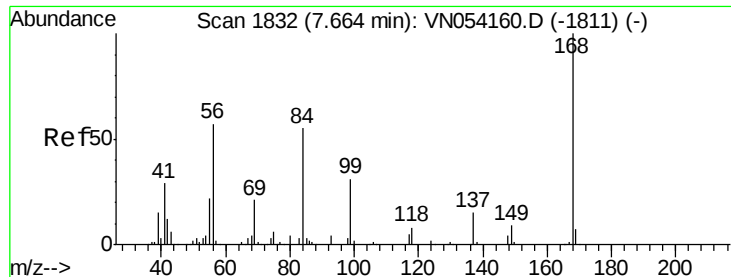
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

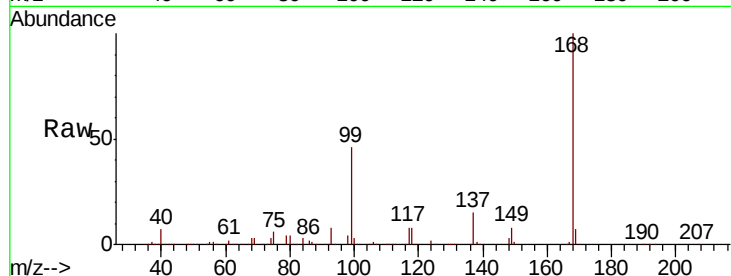
P-9-W.WALL-N.CENTERME

Tgt Ion:168 Resp: 1912436

Ion Ratio Lower Upper

168 100

99 46.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

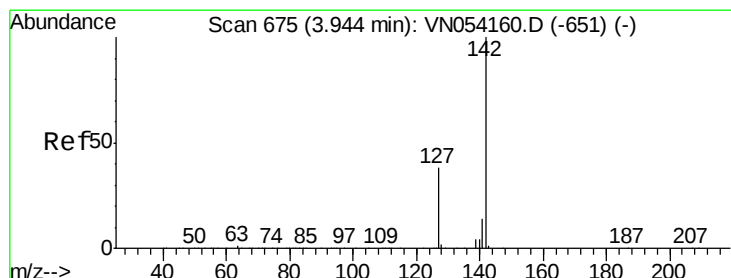
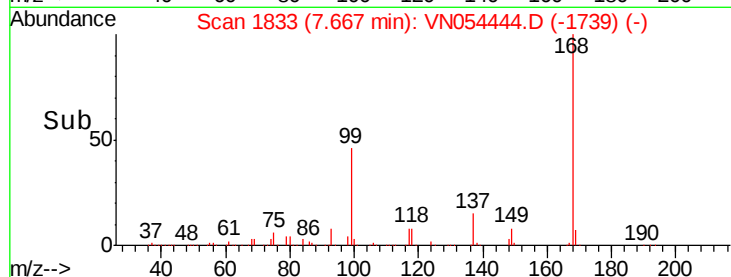
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.504 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

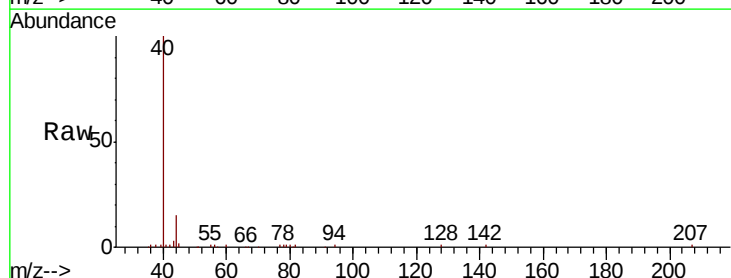
Tgt Ion:142 Resp: 217

Ion Ratio Lower Upper

142 100

127 48.8 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.93

250

200

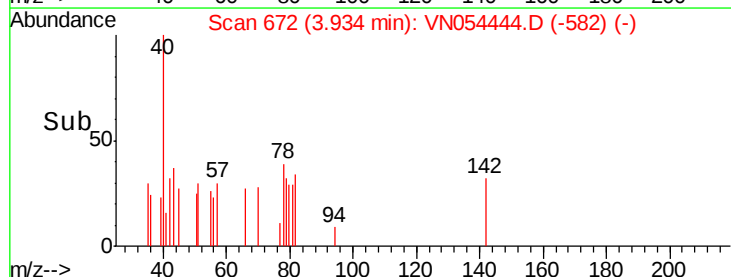
150

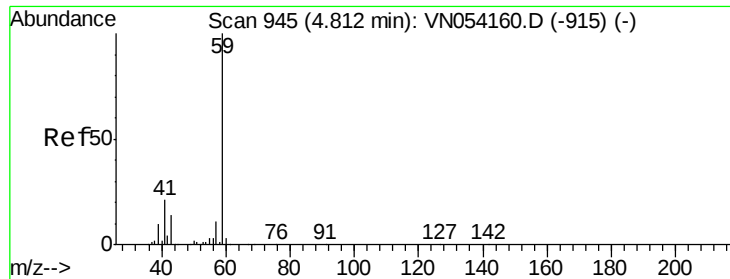
100

50

0

Time-->

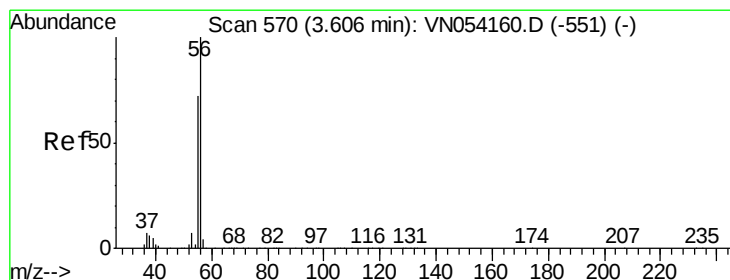
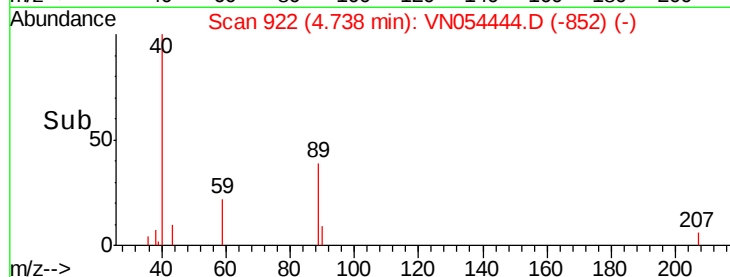
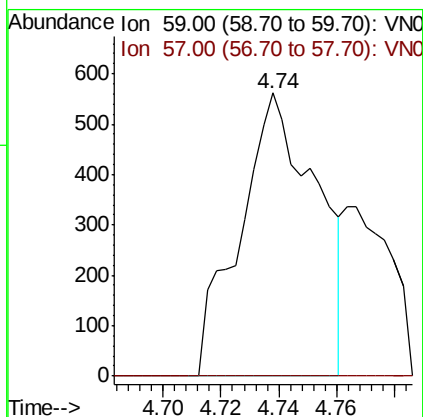
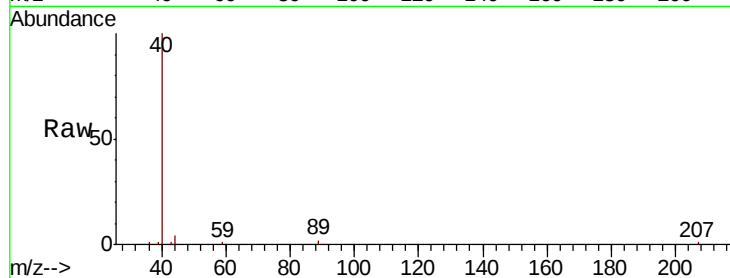




#11
Tert butyl alcohol
Concen: 0.743 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.07 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

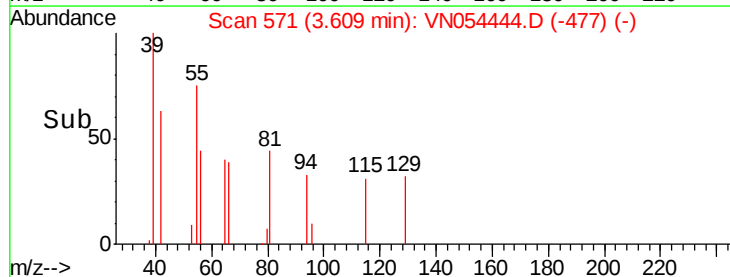
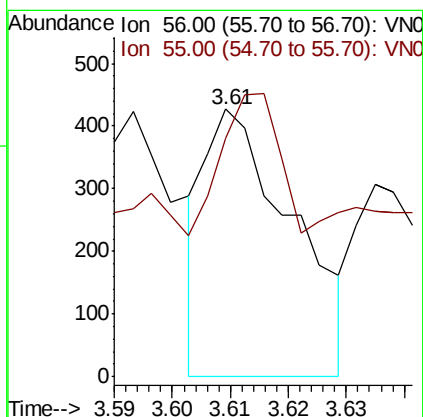
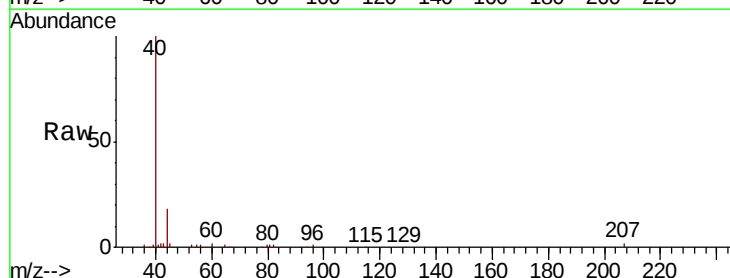
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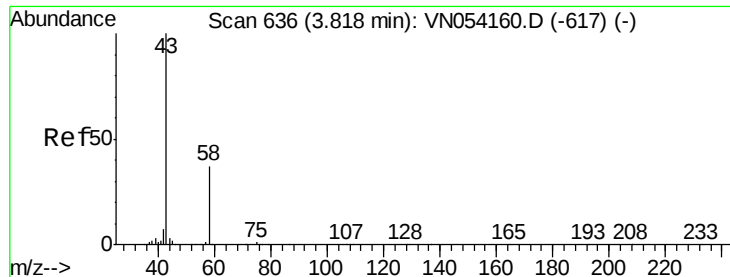
Tgt Ion: 59 Resp: 1035
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.340 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 56 Resp: 449
Ion Ratio Lower Upper
56 100
55 35.2 56.7 85.1#





#16

Acetone

Concen: 0.217 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

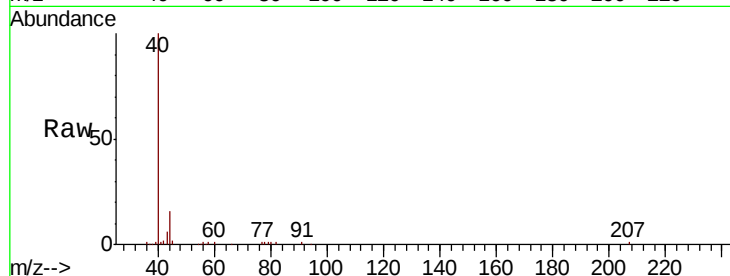
P-9-W.WALL-N.CENTERME

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 43.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2500

2000

1500

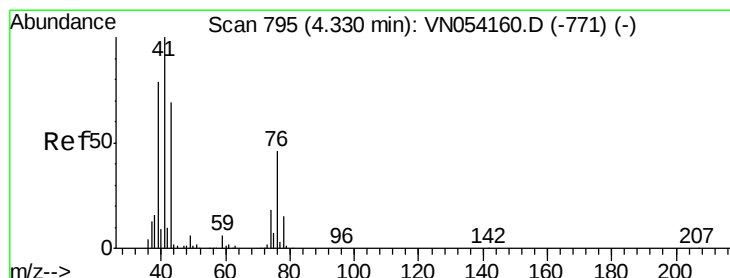
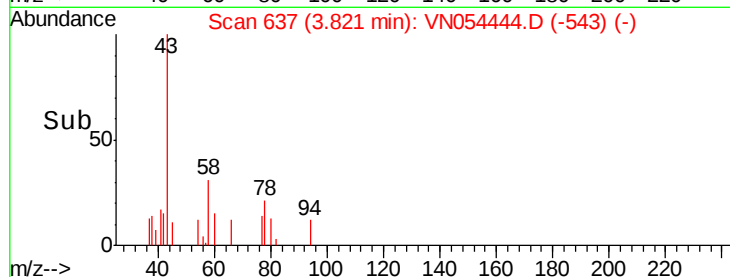
1000

500

0

3.80 3.82 3.84

Time-->



#18

Methyl Acetate

Concen: 0.579 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054444.D

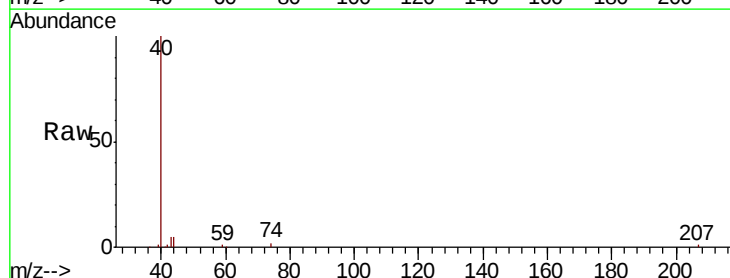
Acq: 19 Mar 2019 17:01

Tgt Ion: 43 Resp: 6807

Ion Ratio Lower Upper

43 100

74 18.7 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2500

2000

1500

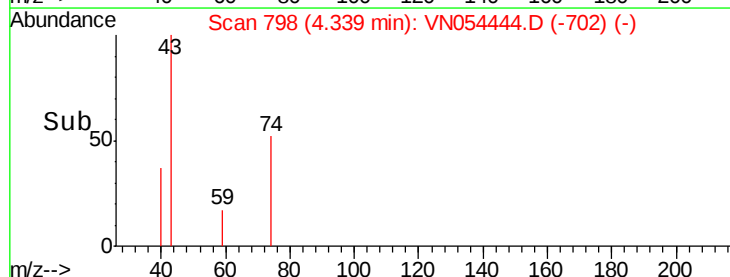
1000

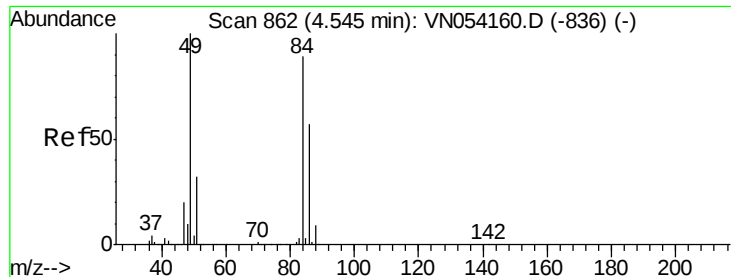
500

0

4.25 4.30 4.35 4.40

Time-->

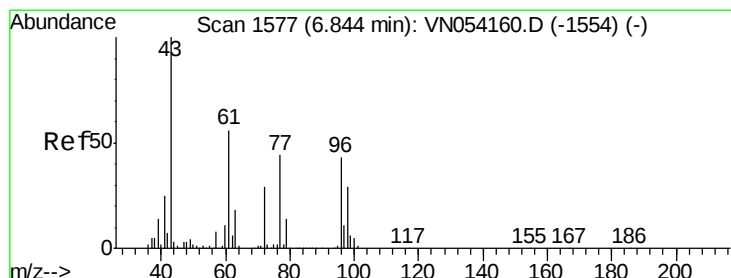
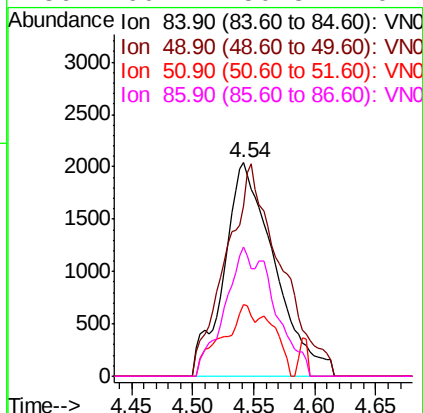
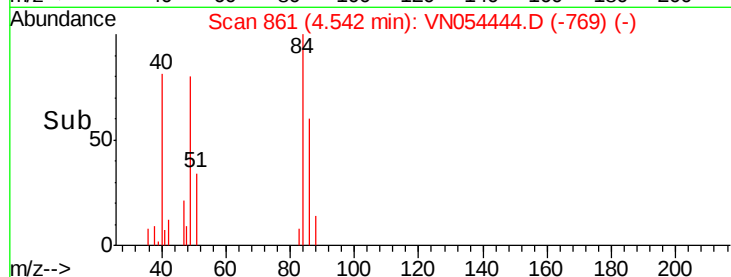
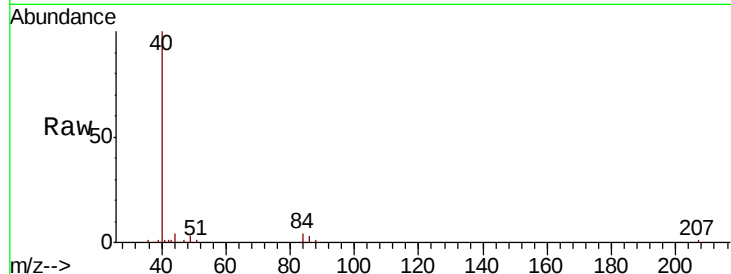




#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

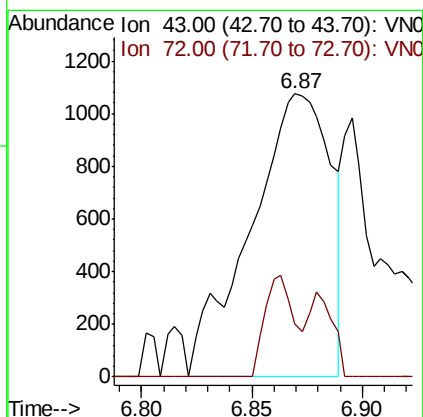
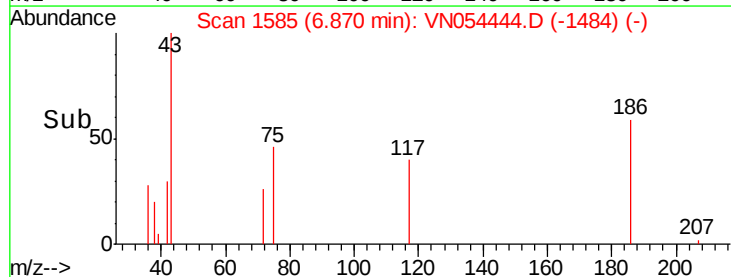
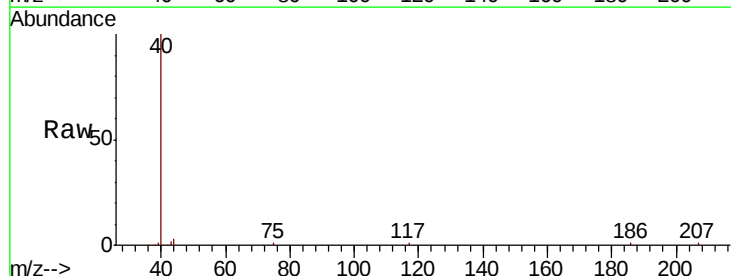
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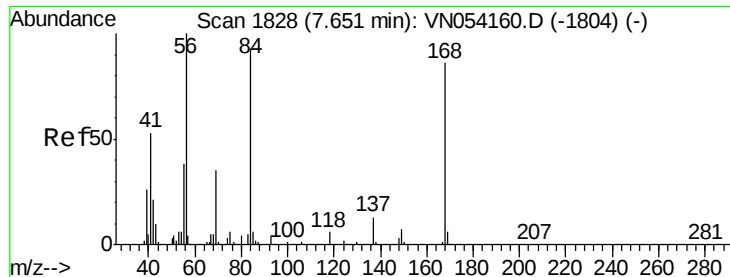
Tgt Ion: 84 Resp: 5880
Ion Ratio Lower Upper
84 100
49 79.6 89.7 134.5#
51 33.7 28.2 42.4
86 60.4 50.8 76.2



#25
2-Butanone
Concen: 0.397 ug/l
RT: 6.87 min Scan# 1585
Delta R.T. 0.03 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 43 Resp: 2707
Ion Ratio Lower Upper
43 100
72 18.9 23.0 34.6#

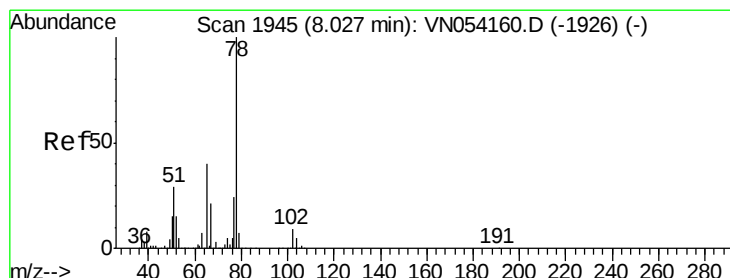
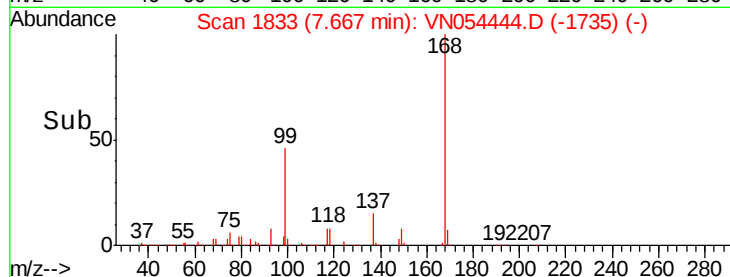
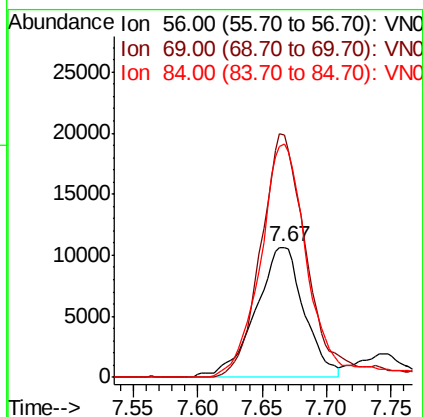
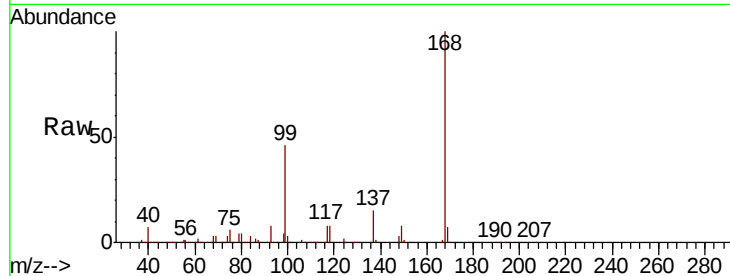




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

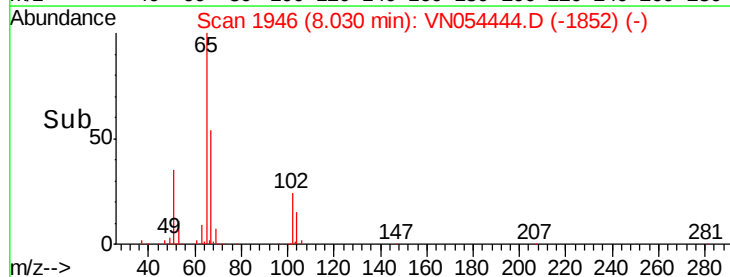
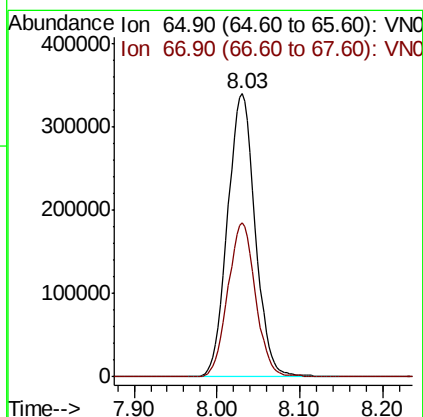
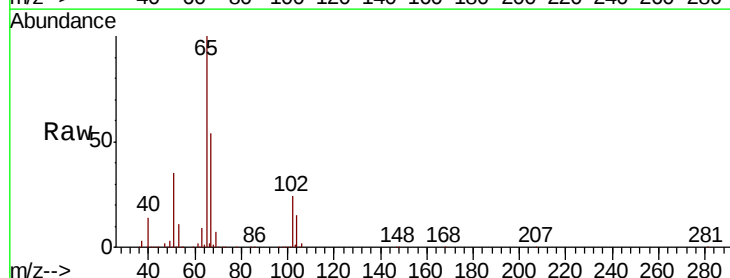
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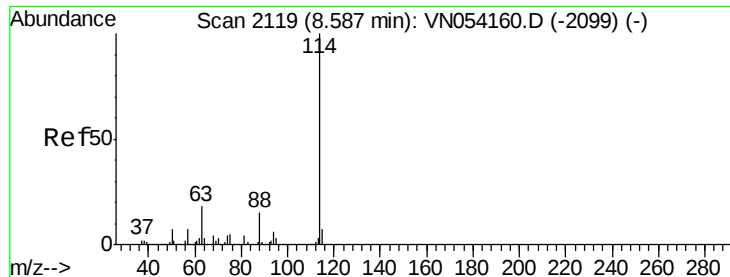
Tgt Ion: 56 Resp: 27853
Ion Ratio Lower Upper
56 100
69 186.0 27.8 41.6#
84 180.0 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 38.915 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 65 Resp: 790363
Ion Ratio Lower Upper
65 100
67 54.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

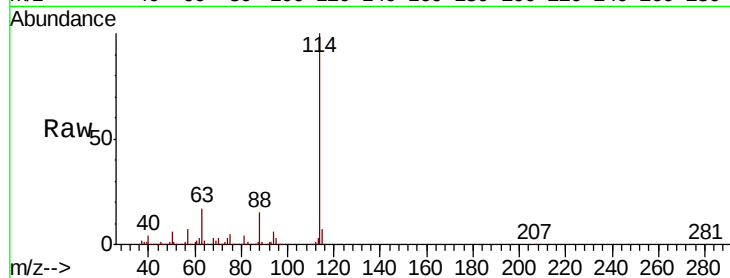
Tgt Ion:114 Resp: 2697367

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

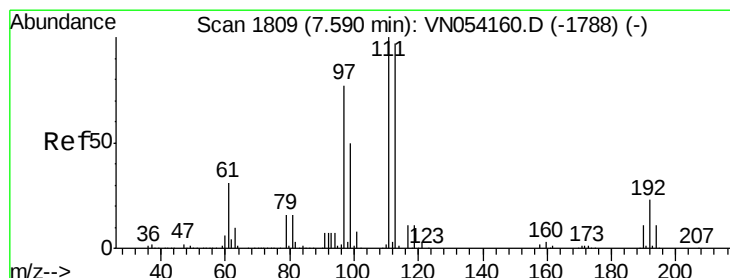
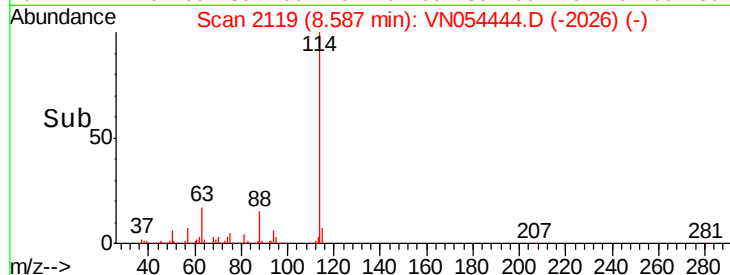
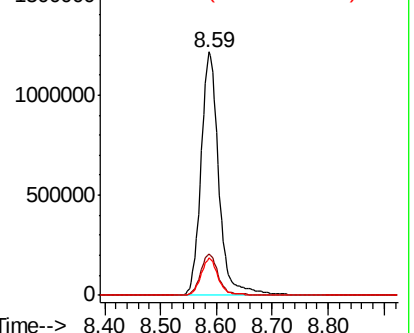
88 15.3 0.0 30.2



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: 43.244 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

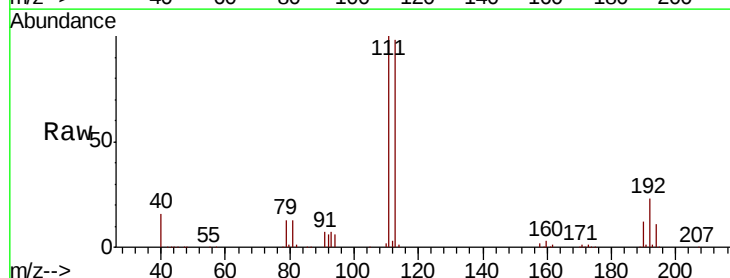
Tgt Ion:113 Resp: 752305

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

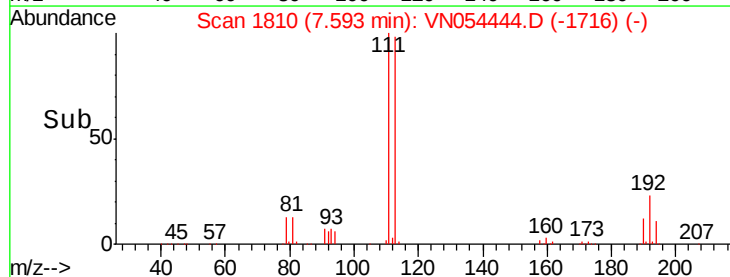
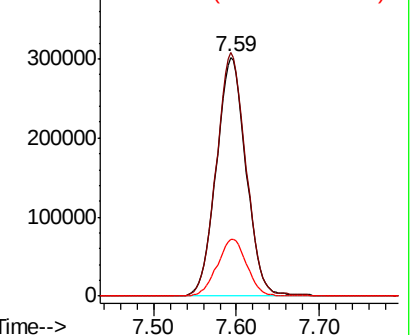
192 23.8 19.2 28.8

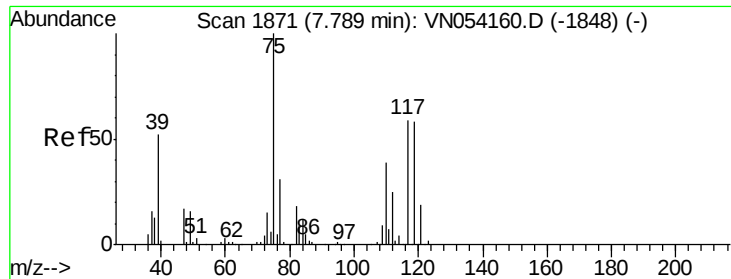


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

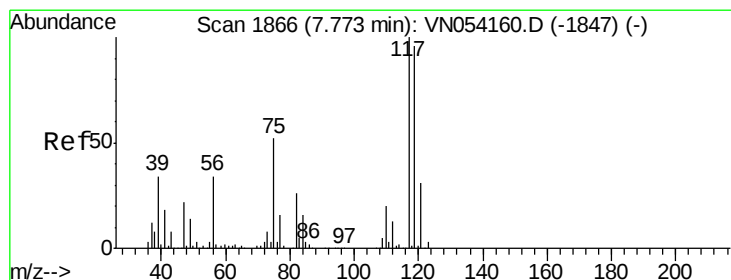
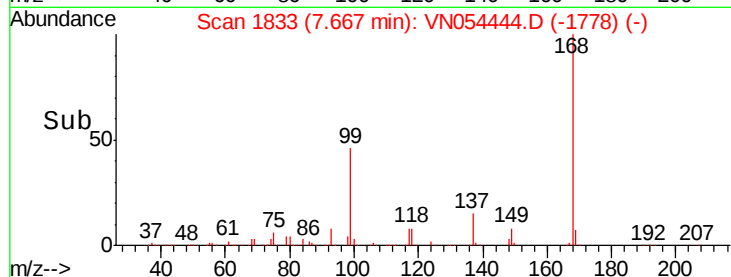
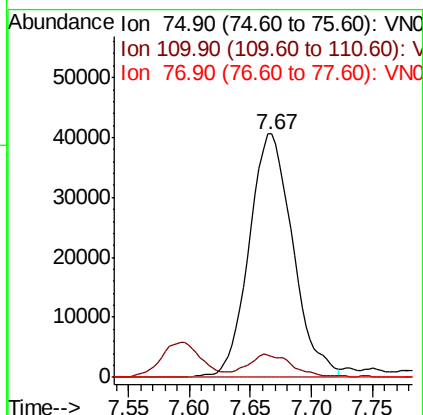
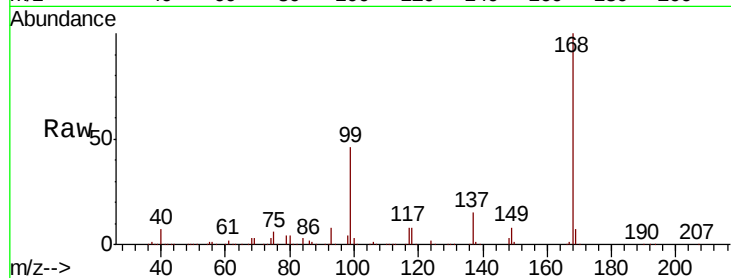




#36
 1,1-Dichloropropene
 Concen: 4.062 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

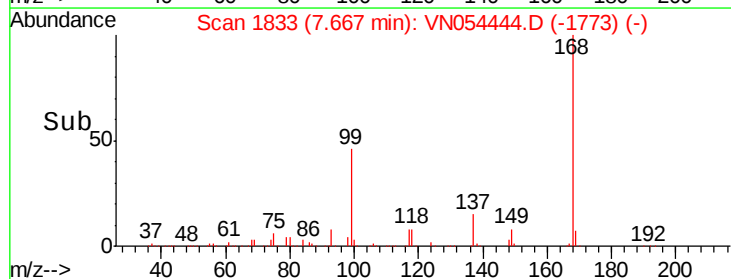
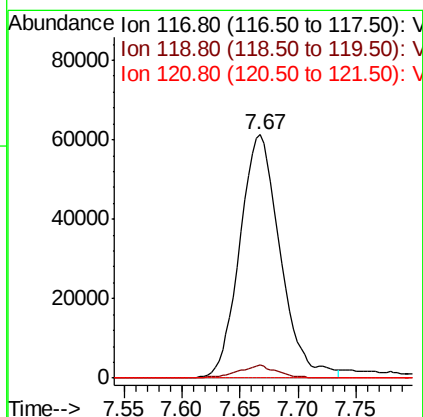
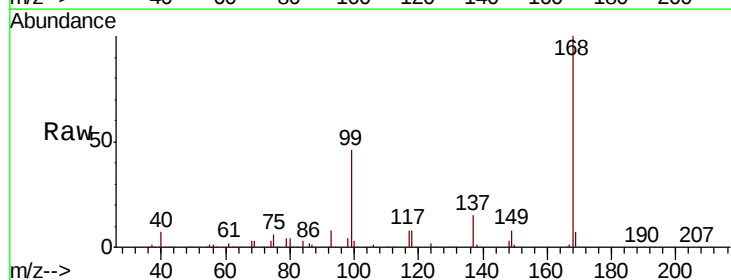
Instrument :
 MSVOA_N
 ClientSampleId :
 P-9-W.WALL-N.CENTERME

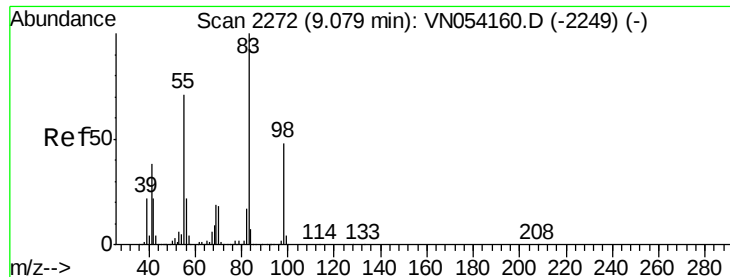
Tgt Ion: 75 Resp: 100908
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.722 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

Tgt Ion: 117 Resp: 149047
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.3 114.5#
 121 0.0 24.6 36.8#

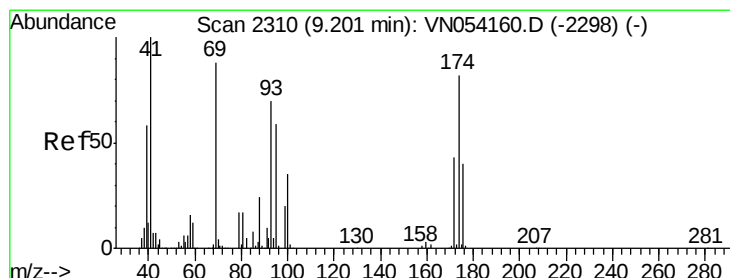
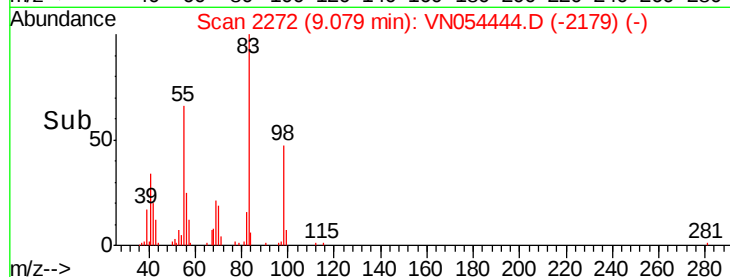
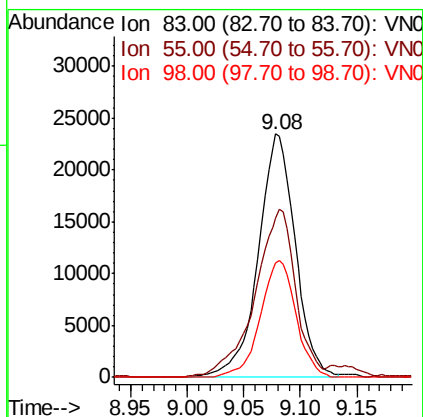
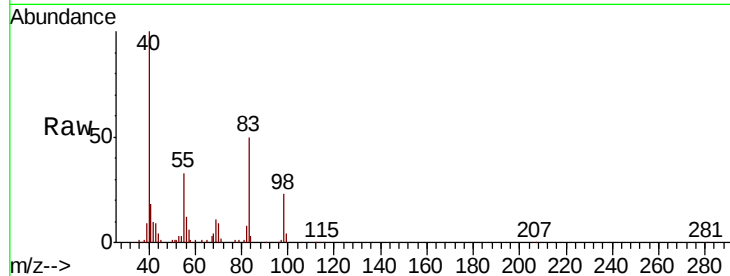




#39
Methylcyclohexane
Concen: 1.741 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

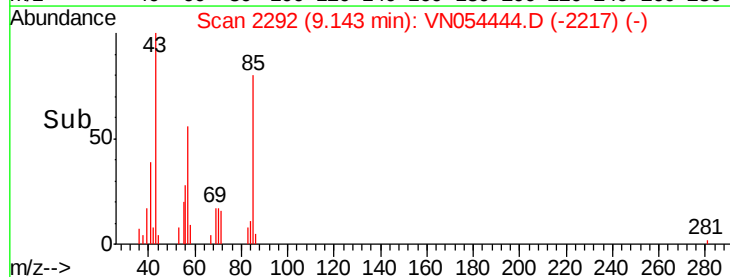
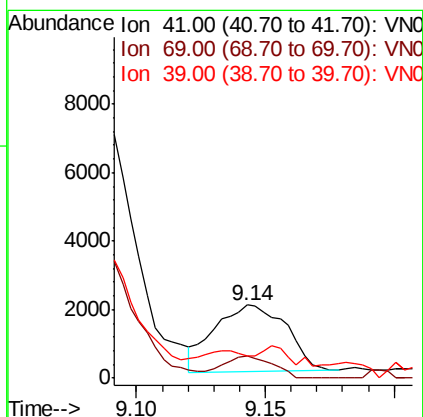
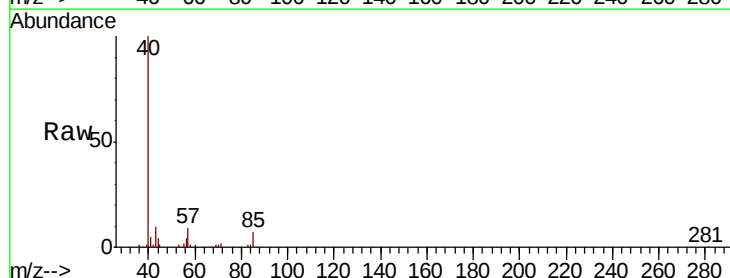
Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

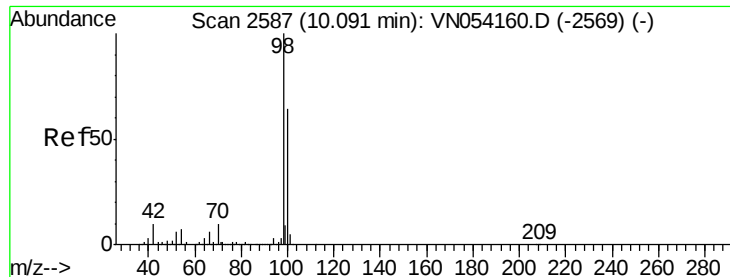
Tgt Ion: 83 Resp: 53218
Ion Ratio Lower Upper
83 100
55 64.8 56.6 84.8
98 47.0 38.4 57.6



#48
Methyl methacrylate
Concen: 0.301 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 41 Resp: 3823
Ion Ratio Lower Upper
41 100
69 23.4 72.6 108.8#
39 14.8 47.5 71.3#





#50

Toluene-d8

Concen: 49.068 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

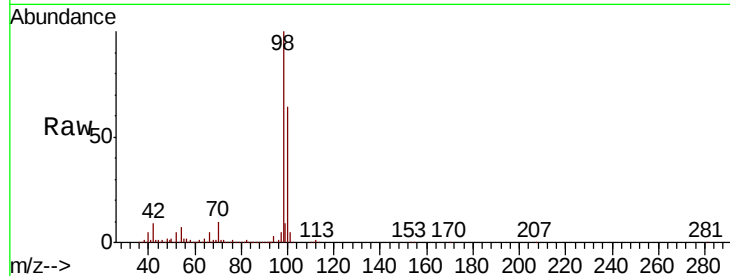
P-9-W.WALL-N.CENTERME

Tgt Ion: 98 Resp: 3152594

Ion Ratio Lower Upper

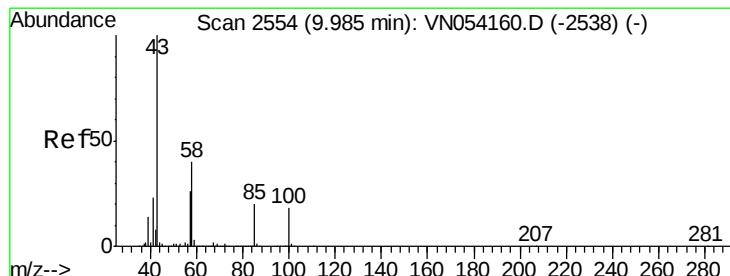
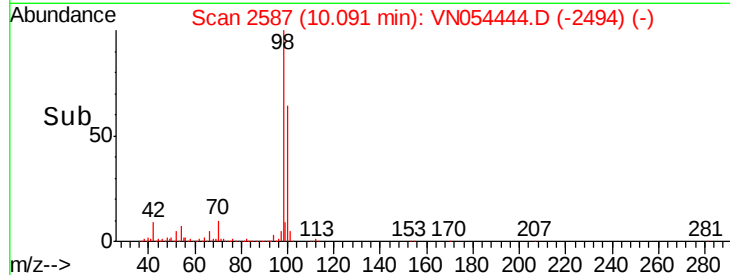
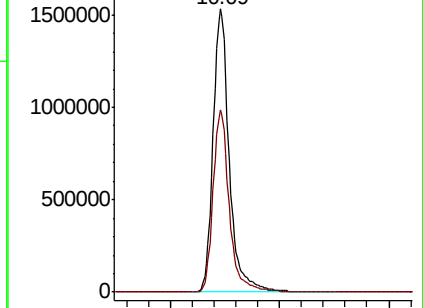
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.105 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN054444.D

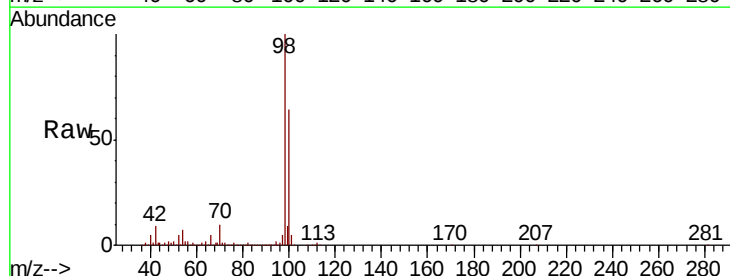
Acq: 19 Mar 2019 17:01

Tgt Ion: 43 Resp: 14651

Ion Ratio Lower Upper

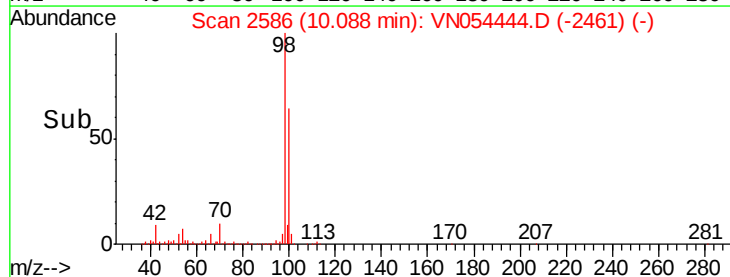
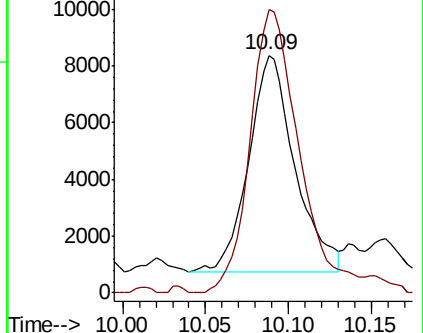
43 100

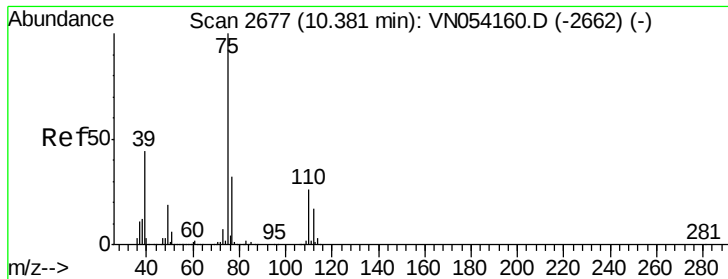
58 141.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-2538) (-)

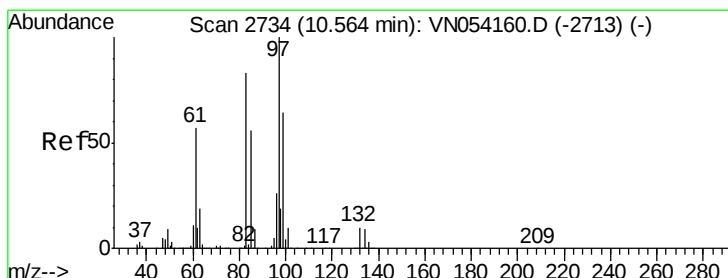
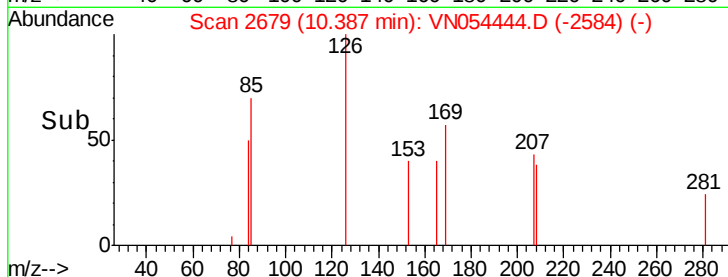
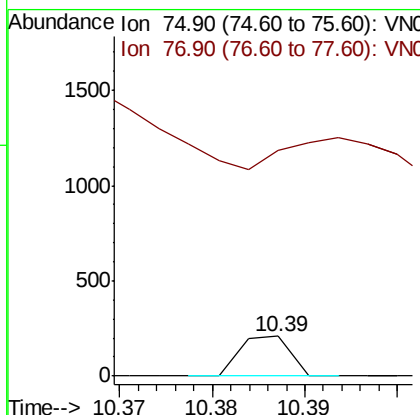
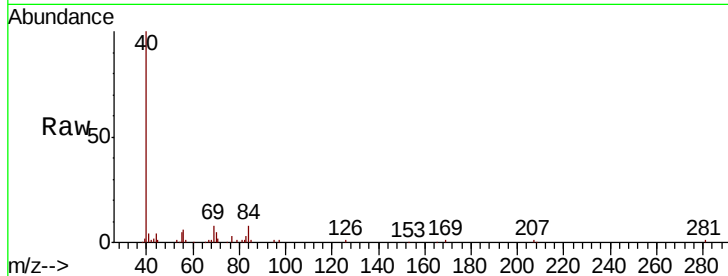




#53
t-1,3-Dichloropropene
Concen: 1.989 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

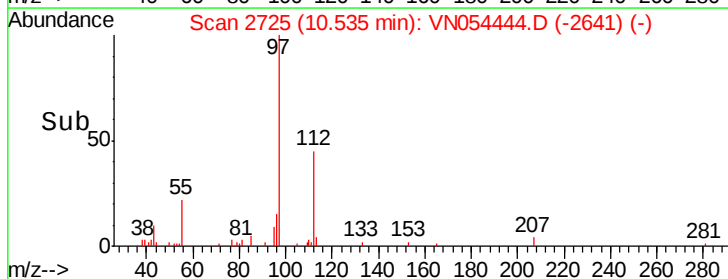
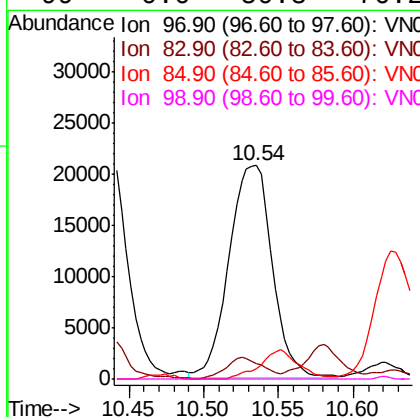
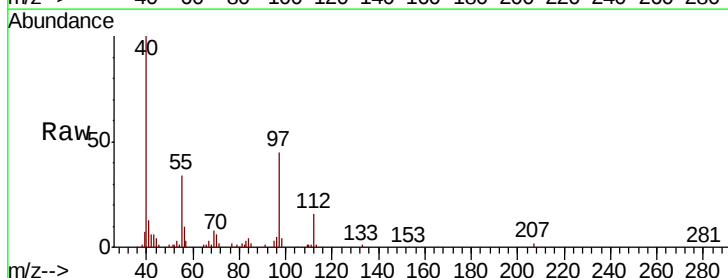
Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

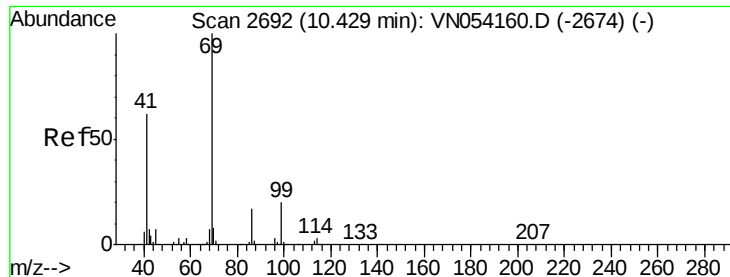
Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#



#55
1,1,2-Trichloroethane
Concen: 2.520 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. -0.03 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 97 Resp: 41476
Ion Ratio Lower Upper
97 100
83 6.7 66.6 100.0#
85 4.9 44.4 66.6#
99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.682 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

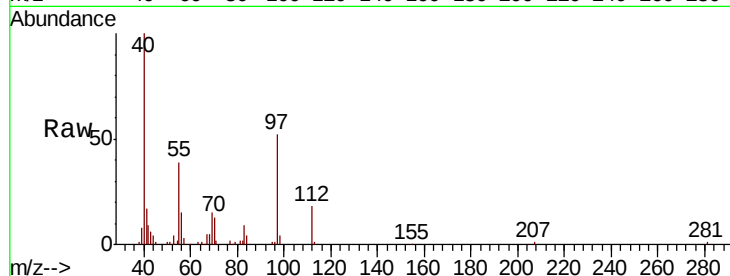
Tgt Ion: 69 Resp: 13384

Ion Ratio Lower Upper

69 100

41 136.0 49.4 74.2#

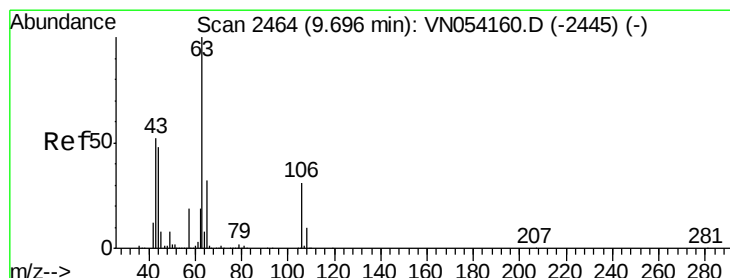
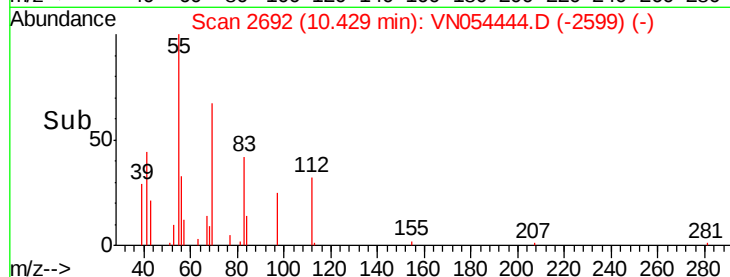
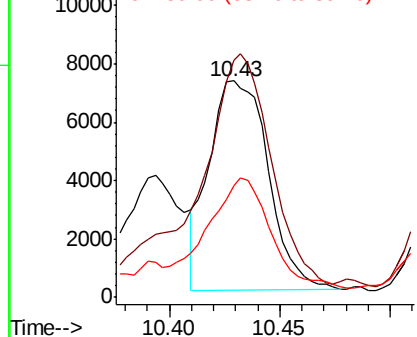
39 60.6 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.831 ug/l

RT: 9.71 min Scan# 2467

Delta R.T. 0.01 min

Lab File: VN054444.D

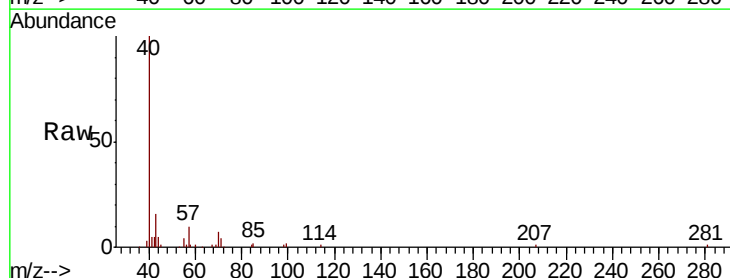
Acq: 19 Mar 2019 17:01

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

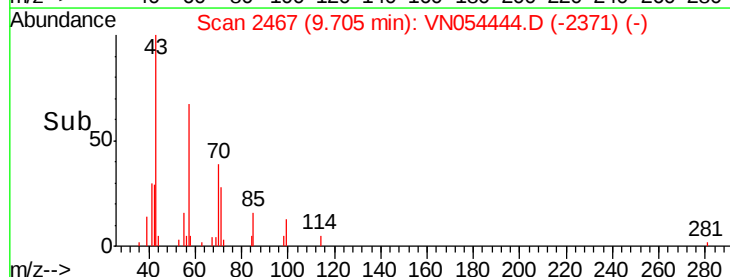
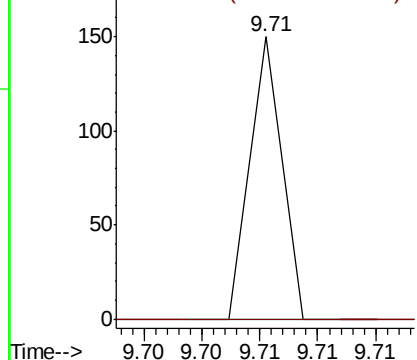
63 100

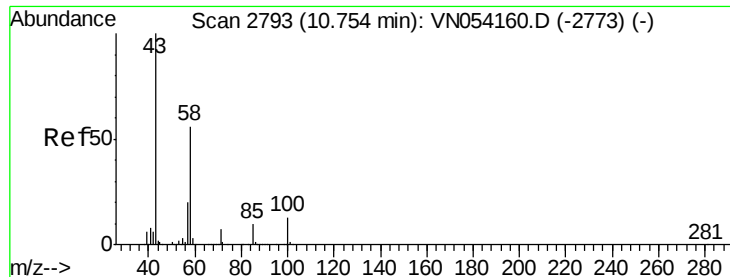
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

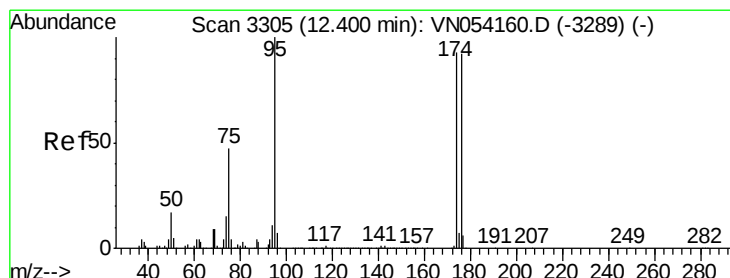
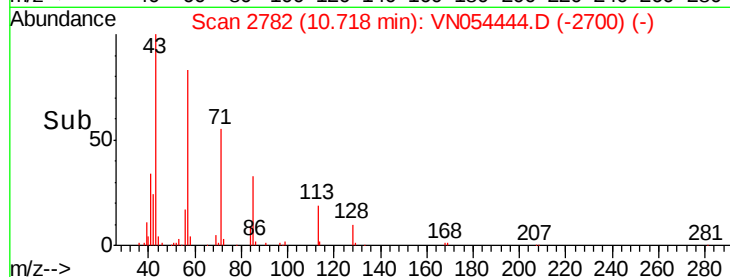
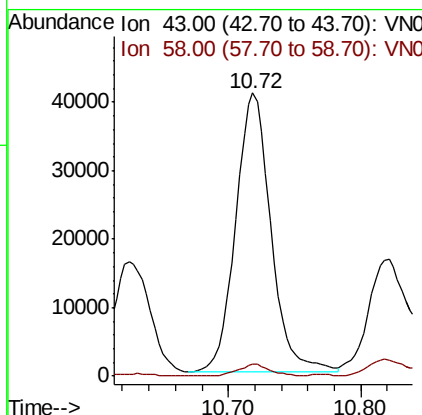
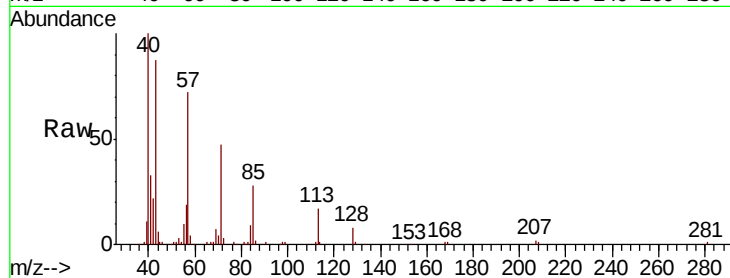




#59
2-Hexanone
Concen: 8.465 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

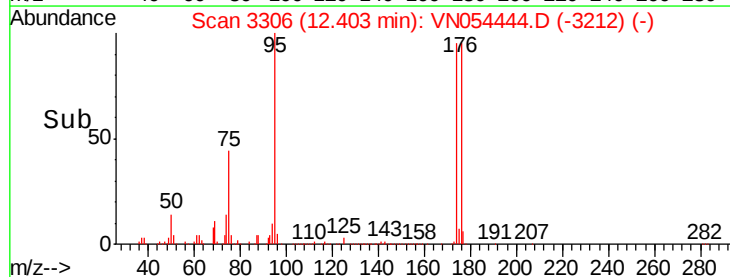
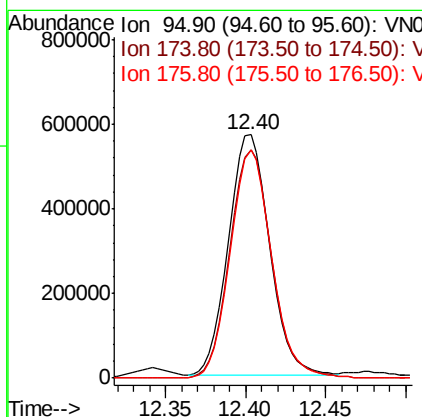
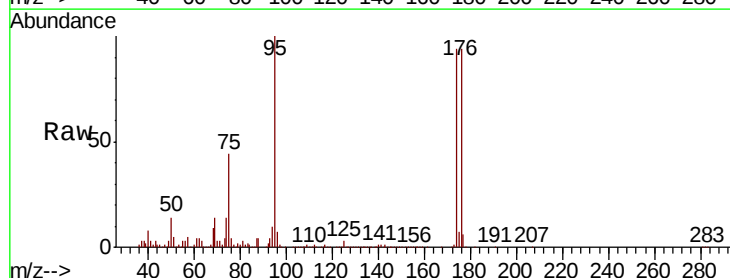
Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

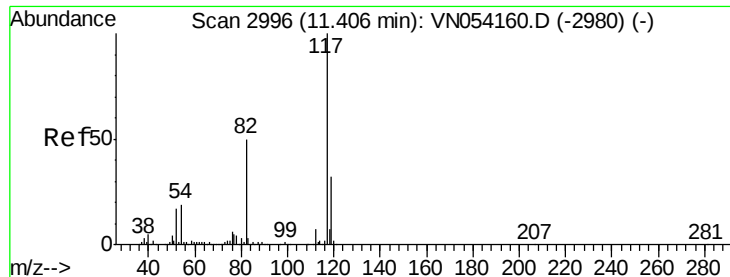
Tgt Ion: 43 Resp: 74676
Ion Ratio Lower Upper
43 100
58 4.0 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 95 Resp: 1001328
Ion Ratio Lower Upper
95 100
174 96.3 0.0 191.0
176 94.9 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

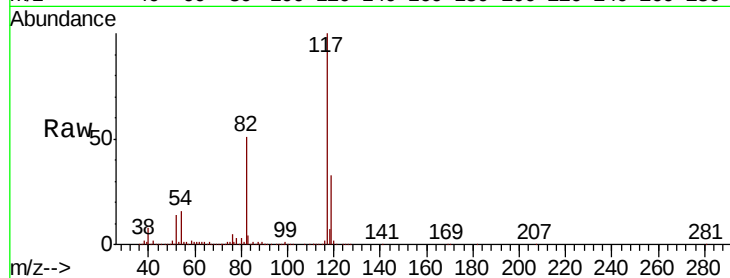
Tgt Ion:117 Resp: 2334095

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

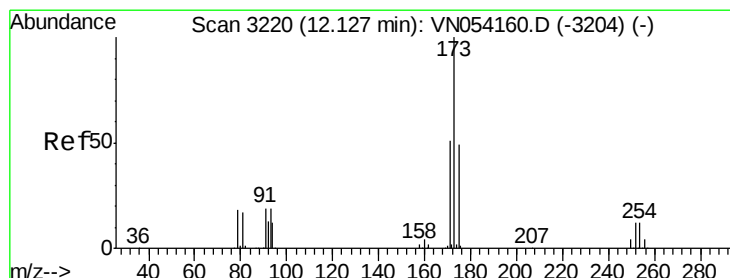
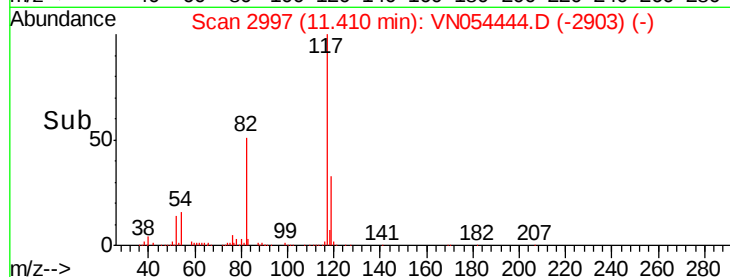
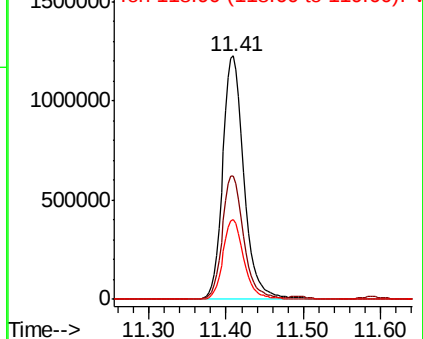
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 2.703 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

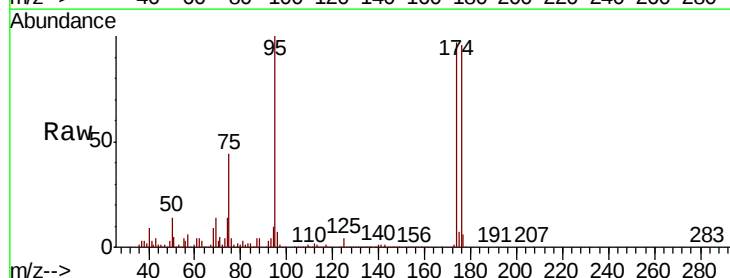
Tgt Ion:173 Resp: 5246

Ion Ratio Lower Upper

173 100

175 1075.0 24.4 73.2#

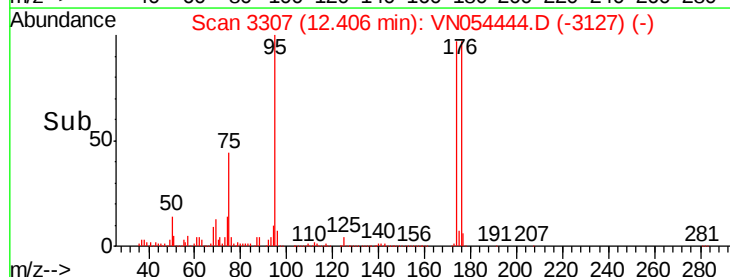
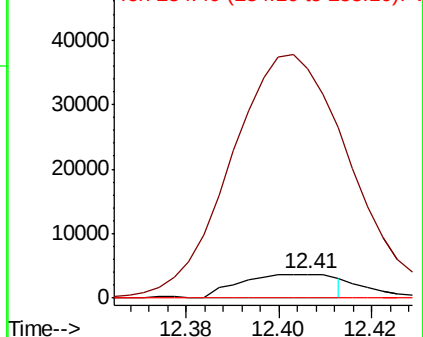
254 0.0 0.1 0.1#

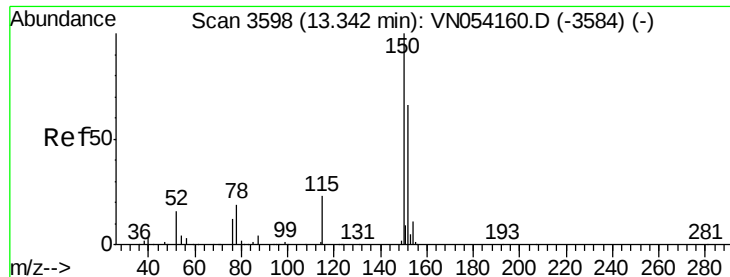


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

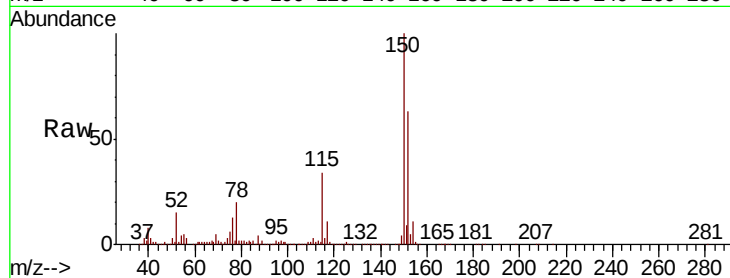
Tgt Ion:152 Resp: 1095476

Ion Ratio Lower Upper

152 100

115 54.1 27.2 81.6

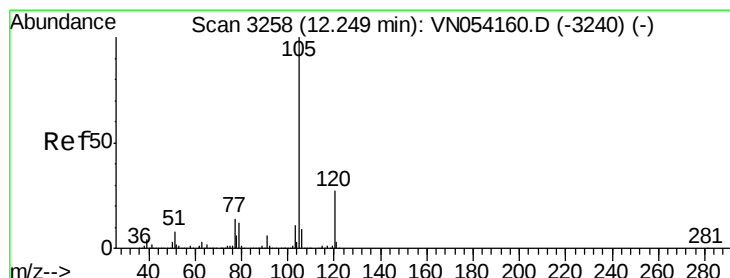
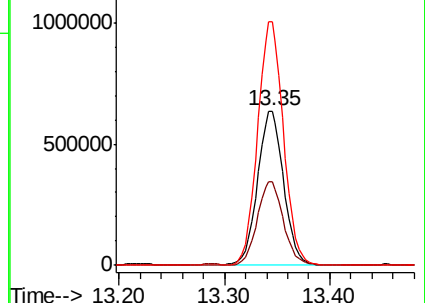
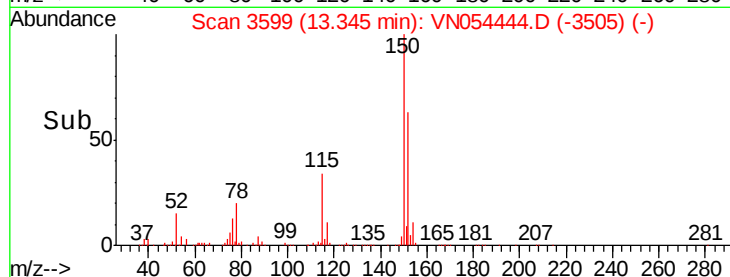
150 156.4 0.0 349.2



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



#73

Isopropylbenzene

Concen: 1.484 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054444.D

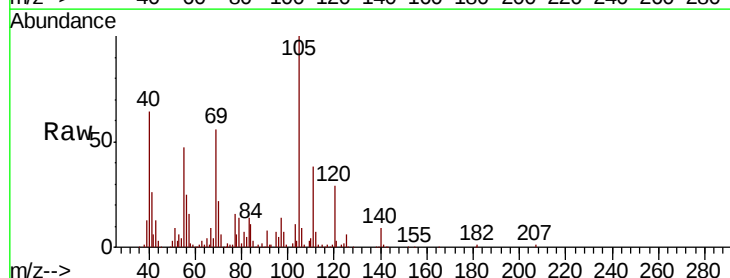
Acq: 19 Mar 2019 17:01

Tgt Ion:105 Resp: 130026

Ion Ratio Lower Upper

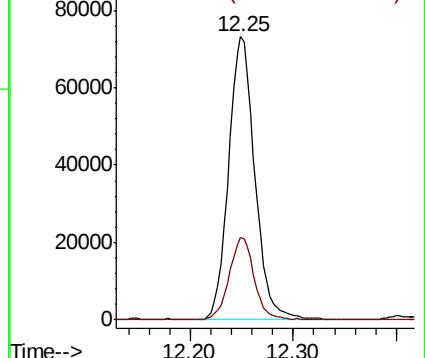
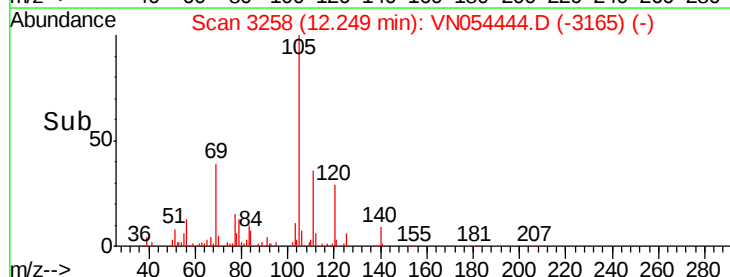
105 100

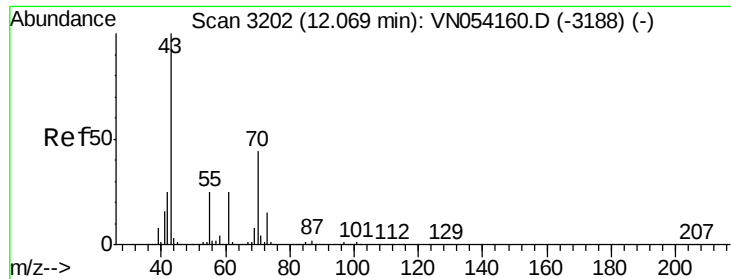
120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.392 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

Tgt Ion: 43 Resp: 143811

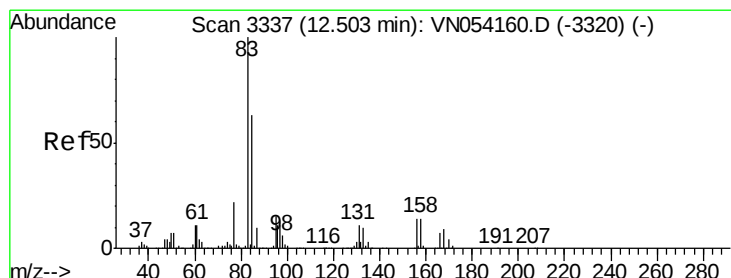
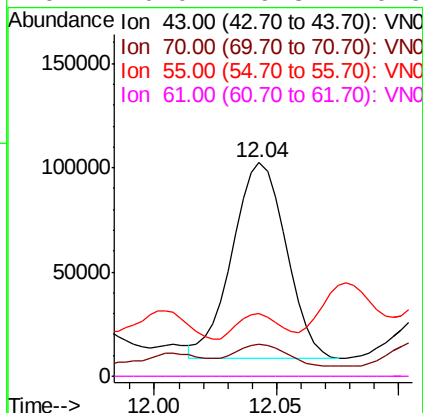
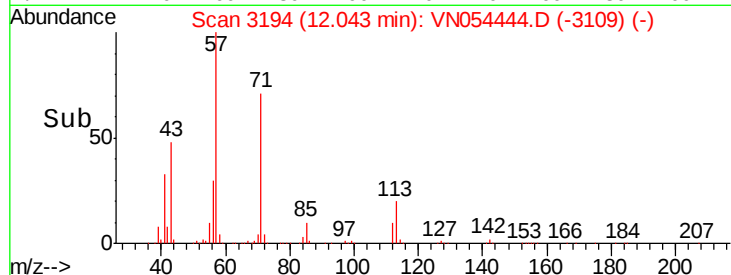
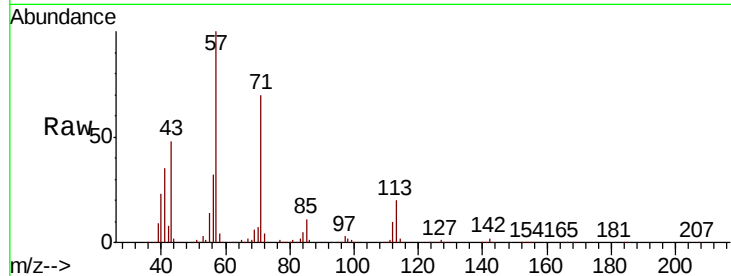
Ion Ratio Lower Upper

43 100

70 10.9 35.4 53.0#

55 10.2 19.8 29.6#

61 0.0 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.544 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

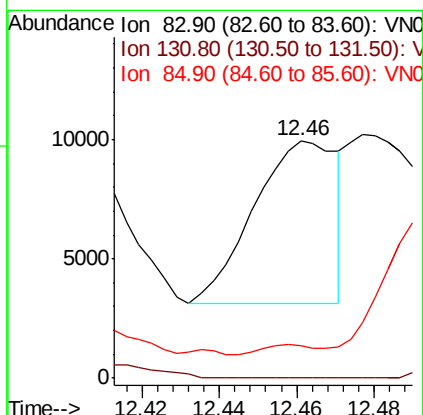
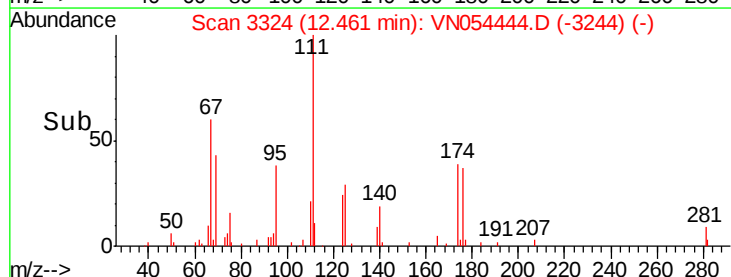
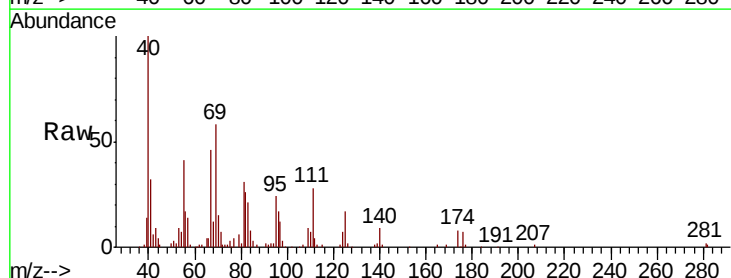
Tgt Ion: 83 Resp: 10157

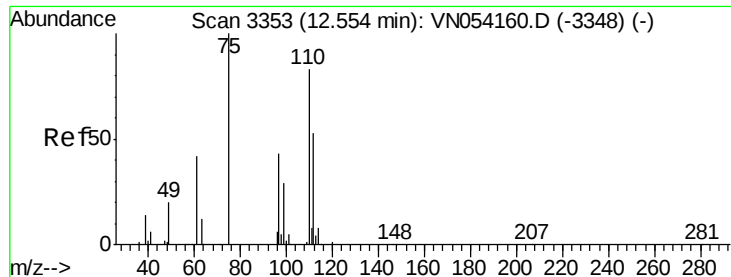
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 32.2 96.6#

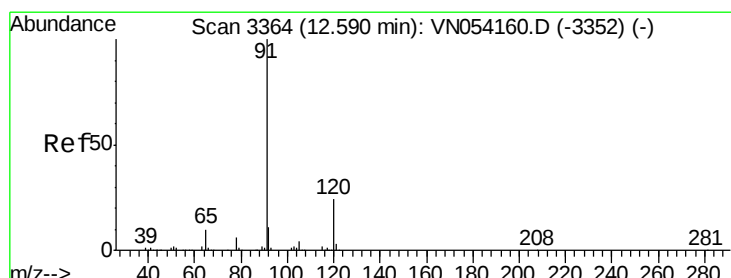
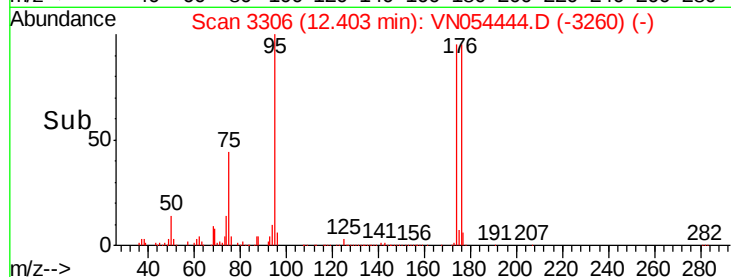
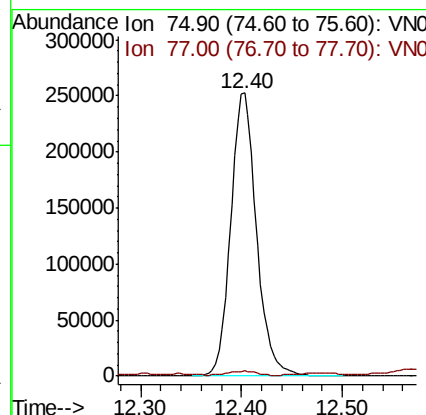
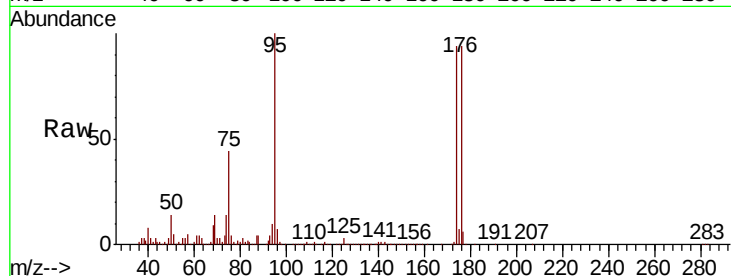




#76
1,2,3-Trichloropropane
Concen: 27.962 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

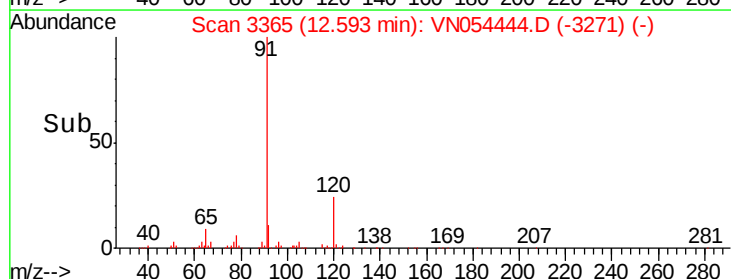
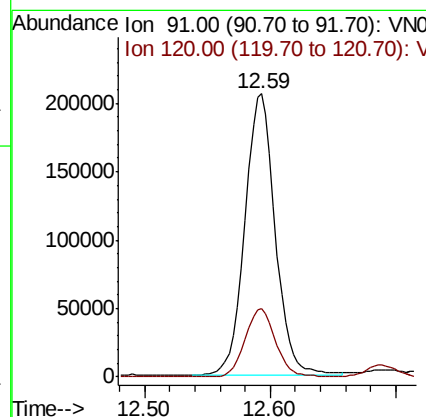
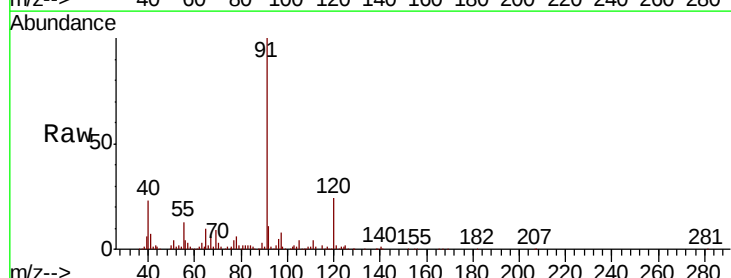
Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

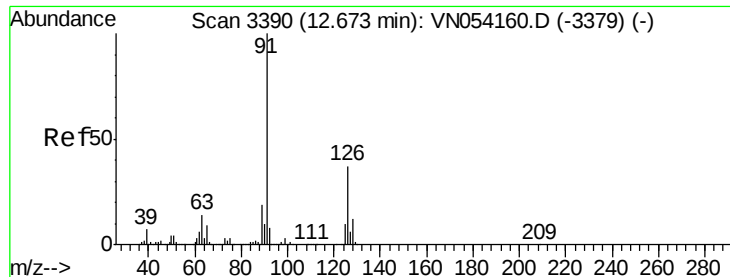
Tgt Ion: 75 Resp: 450450
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#78
n-propylbenzene
Concen: 3.640 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 91 Resp: 346192
Ion Ratio Lower Upper
91 100
120 24.4 12.3 36.9

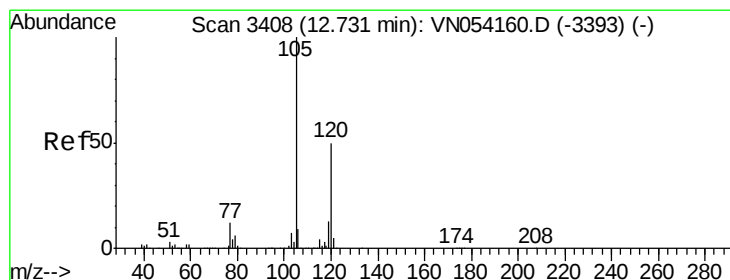
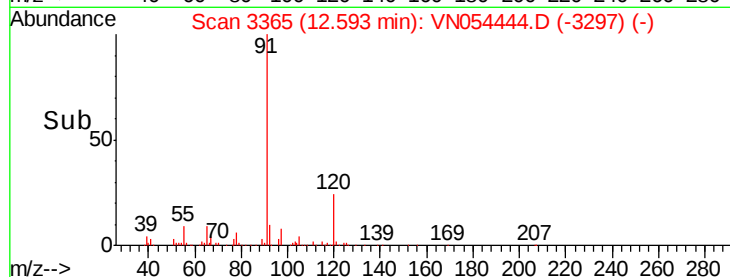
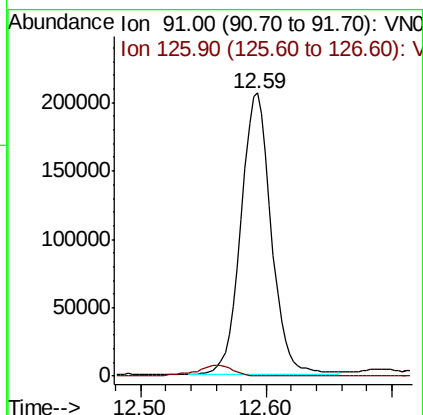
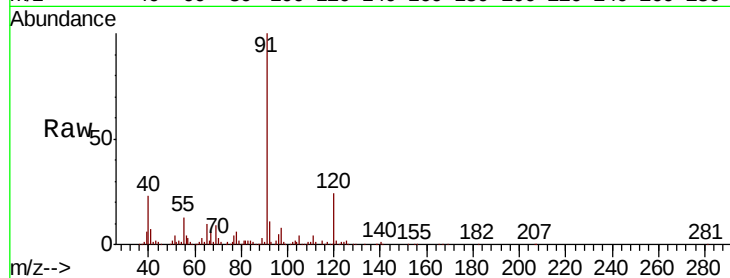




#79
 2-Chlorotoluene
 Concen: 6.054 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

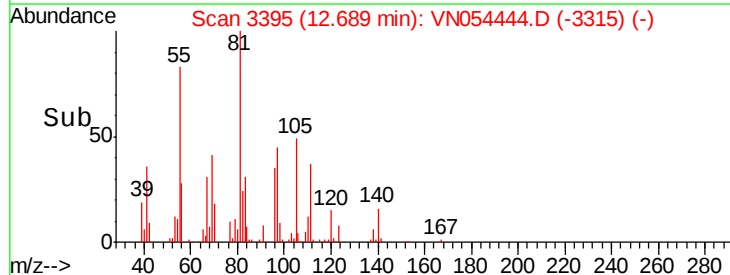
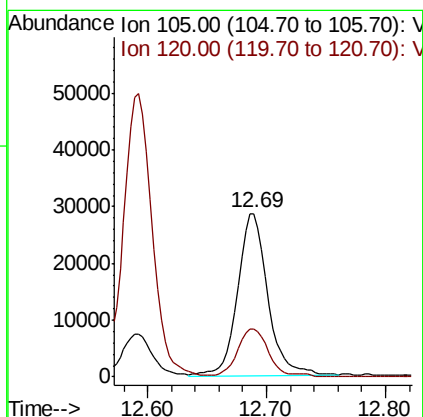
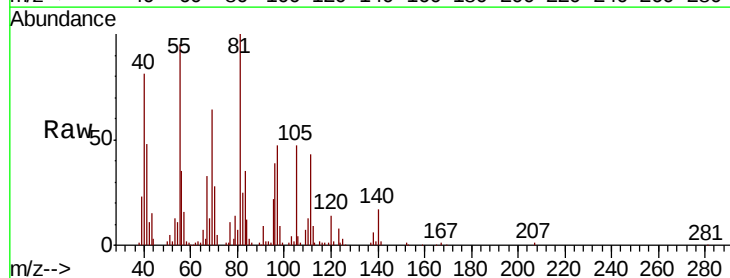
Instrument :
 MSVOA_N
 ClientSampleId :
 P-9-W.WALL-N.CENTERME

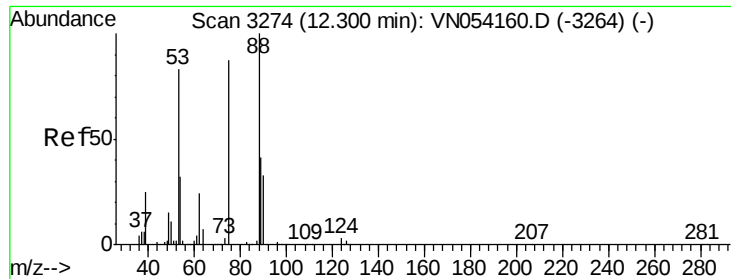
Tgt Ion: 91 Resp: 346192
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.683 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.04 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

Tgt Ion: 105 Resp: 49794
 Ion Ratio Lower Upper
 105 100
 120 28.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 95.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

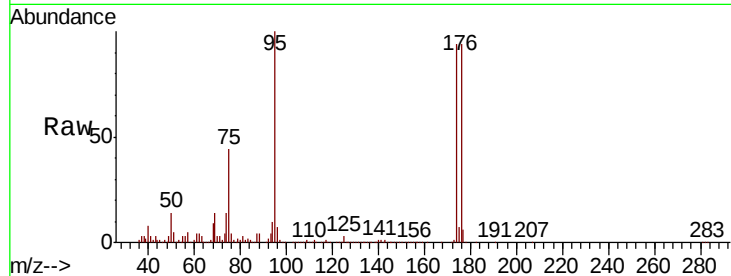
Tgt Ion: 75 Resp: 450450

Ion Ratio Lower Upper

75 100

53 1.3 76.2 114.2#

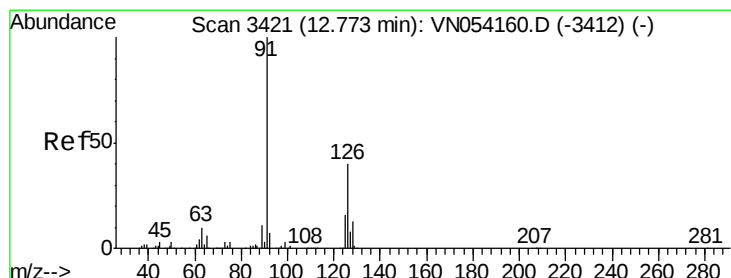
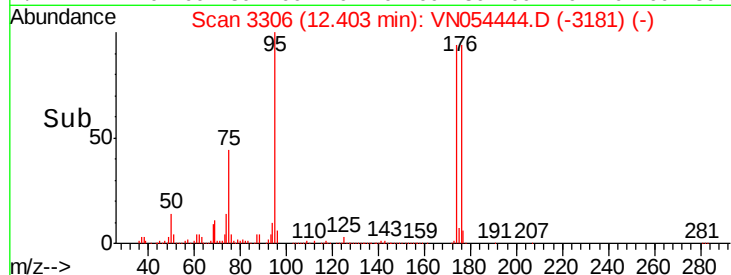
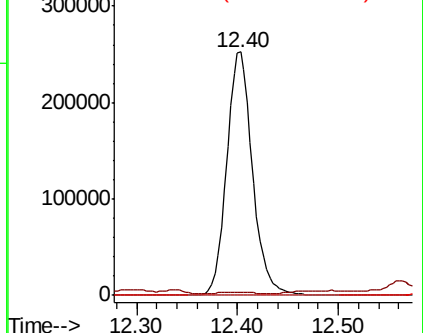
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 6.094 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN054444.D

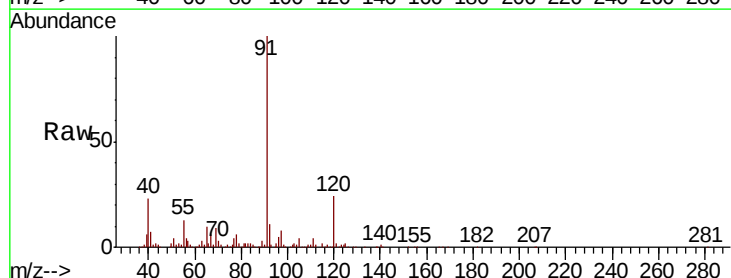
Acq: 19 Mar 2019 17:01

Tgt Ion: 91 Resp: 347921

Ion Ratio Lower Upper

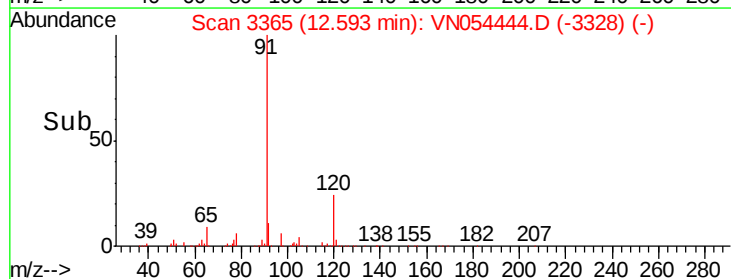
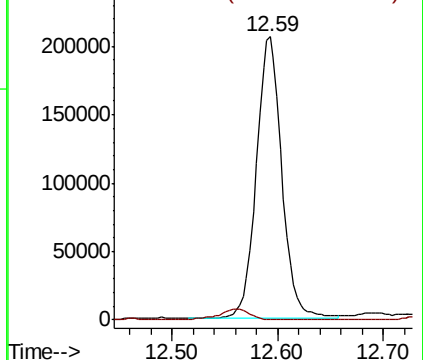
91 100

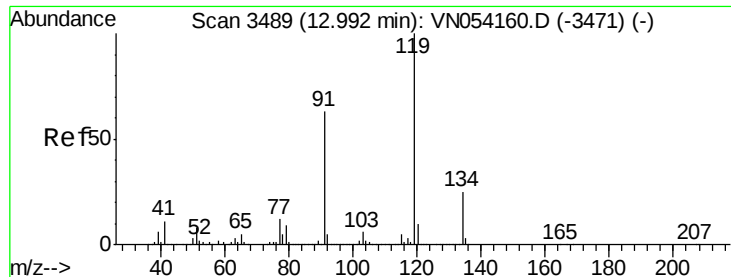
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

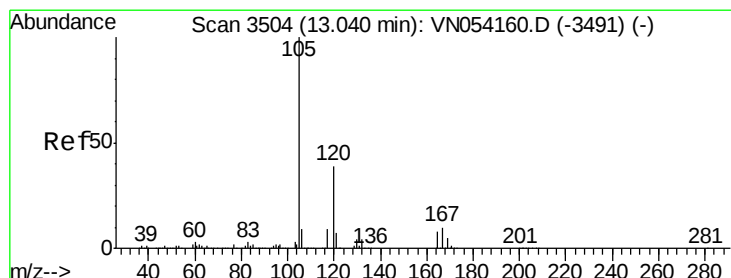
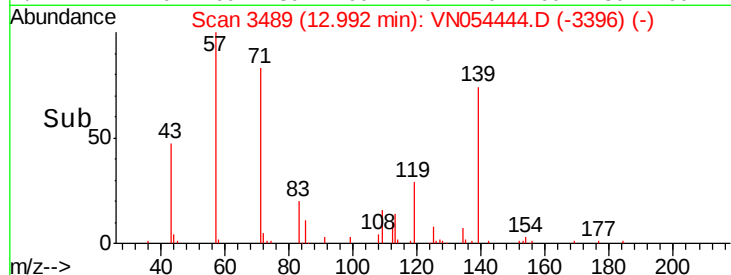
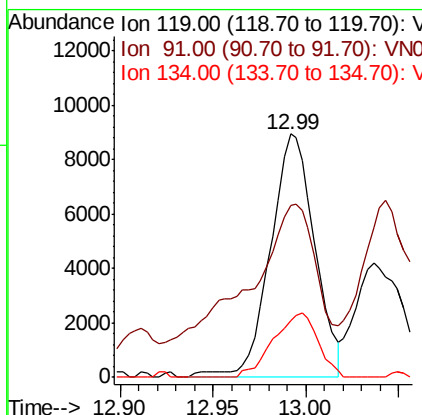
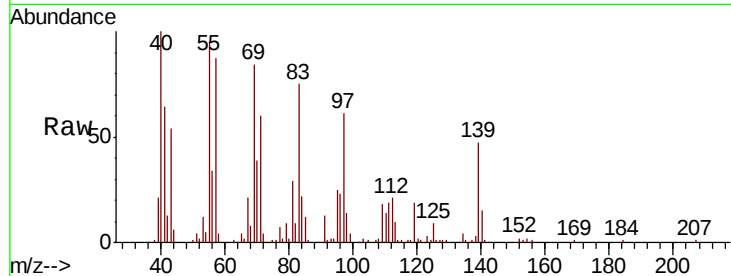




#83
 tert-Butylbenzene
 Concen: 0.222 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

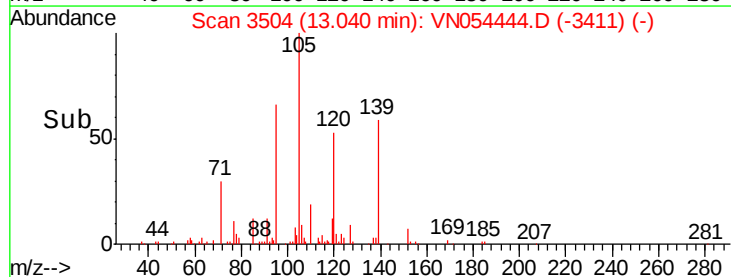
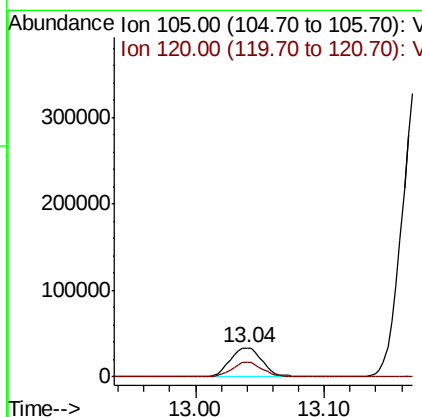
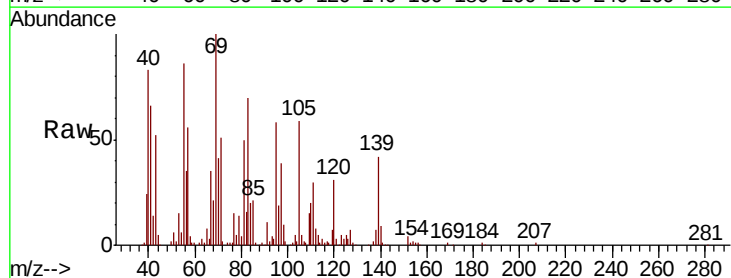
Instrument :
 MSVOA_N
 ClientSampleId :
 P-9-W.WALL-N.CENTERME

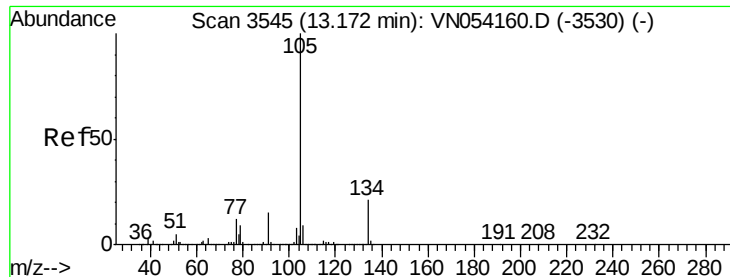
Tgt Ion:119 Resp: 14899
 Ion Ratio Lower Upper
 119 100
 91 78.9 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.805 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

Tgt Ion:105 Resp: 57567
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.4 70.3

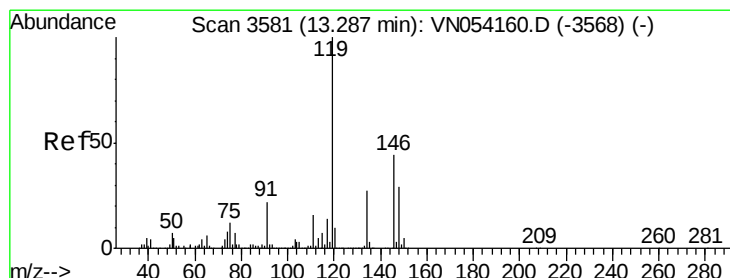
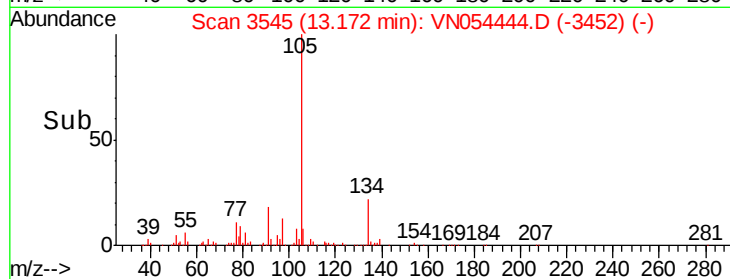
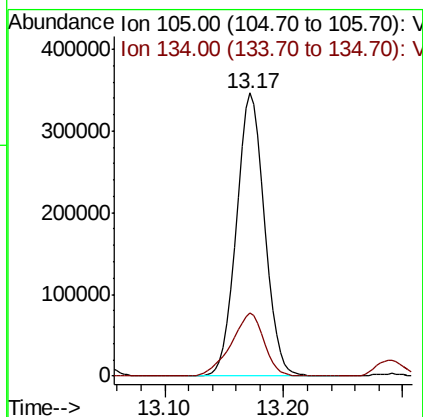
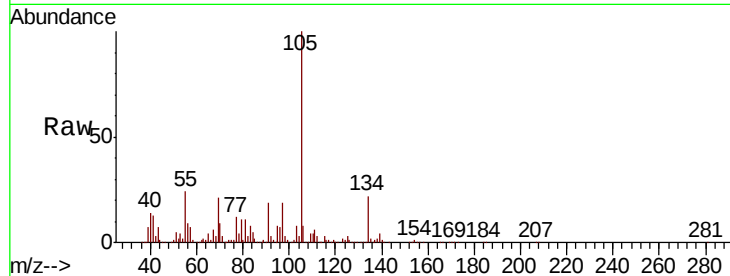




#85
 sec-Butylbenzene
 Concen: 6.483 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

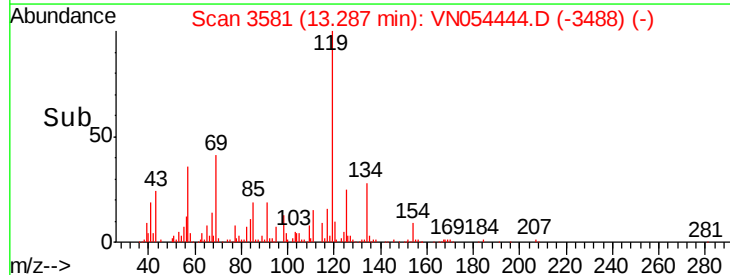
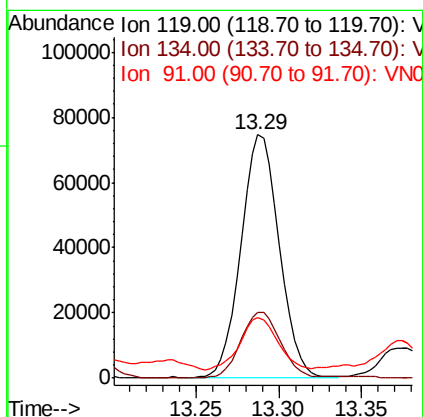
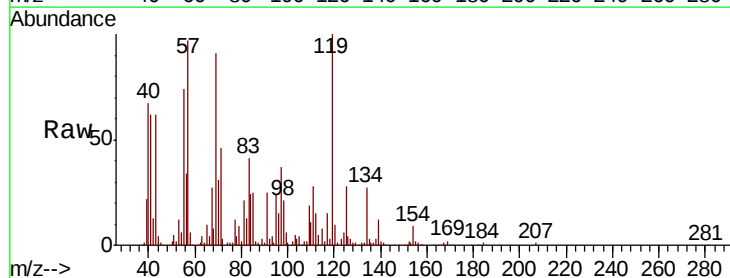
Instrument :
 MSVOA_N
 ClientSampleId :
 P-9-W.WALL-N.CENTERME

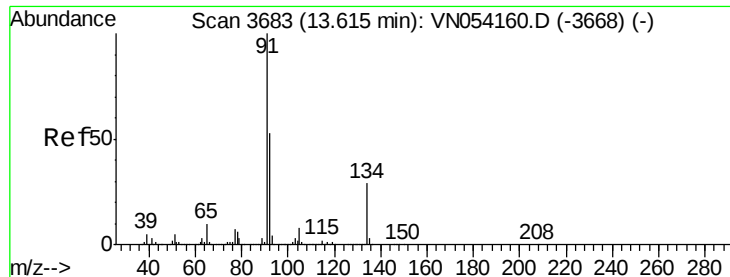
Tgt Ion:105 Resp: 564166
 Ion Ratio Lower Upper
 105 100
 134 26.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 1.560 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054444.D
 Acq: 19 Mar 2019 17:01

Tgt Ion:119 Resp: 119065
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.6 40.8
 91 20.9 11.1 33.3

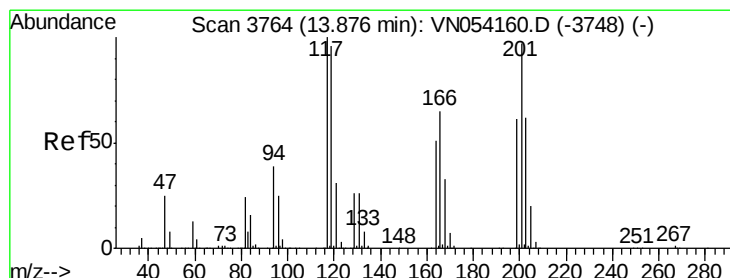
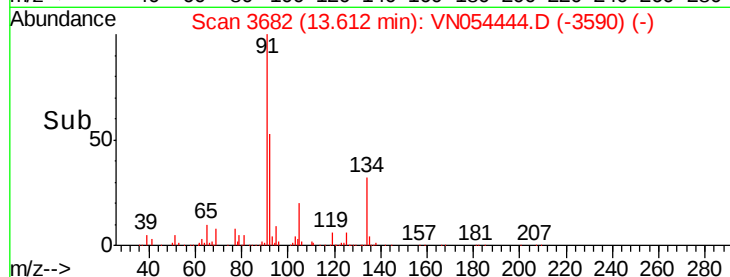
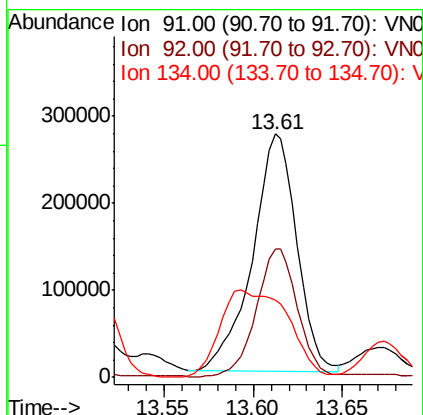
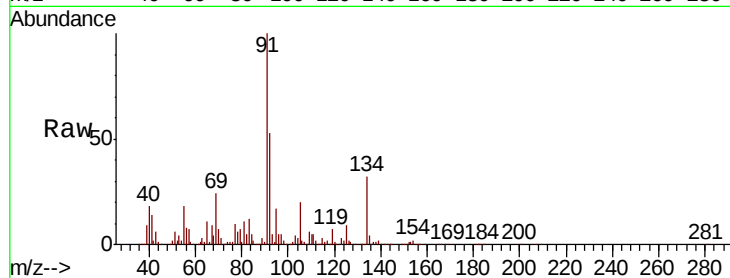




#89
n-Butylbenzene
Concen: 8.172 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

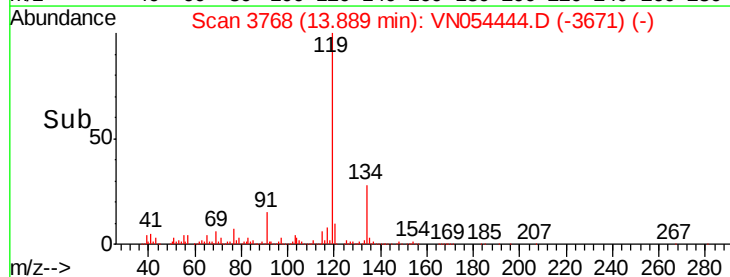
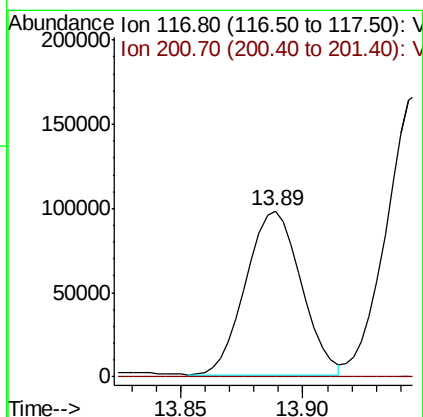
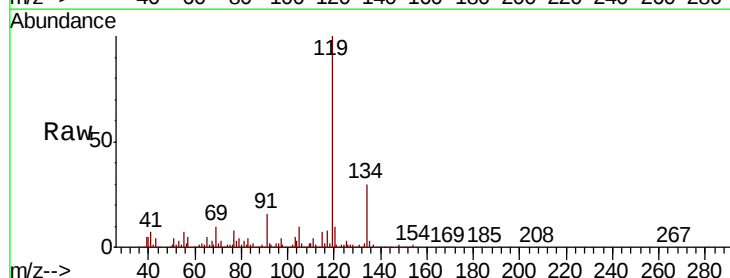
Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

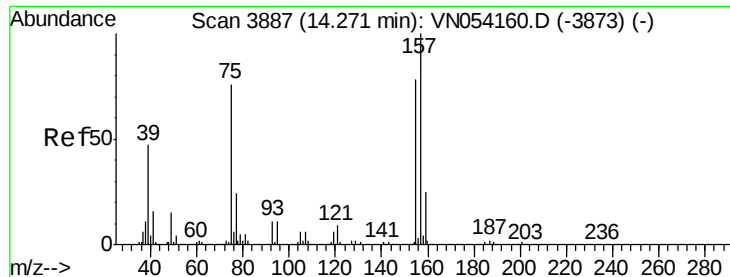
Tgt Ion: 91 Resp: 474015
Ion Ratio Lower Upper
91 100
92 49.9 26.2 78.6
134 56.3 14.3 42.9#



#90
Hexachloroethane
Concen: 12.066 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion: 117 Resp: 152530
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.482 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

P-9-W.WALL-N.CENTERME

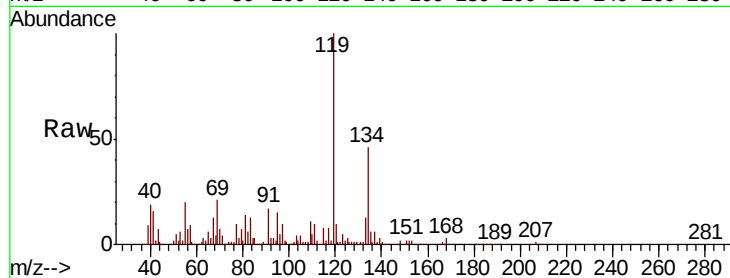
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

157 23.6 63.1 189.3#

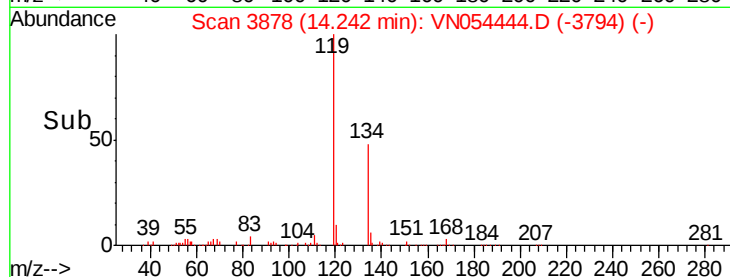


Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054160.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054160.D (-3873) (-)

Time-->

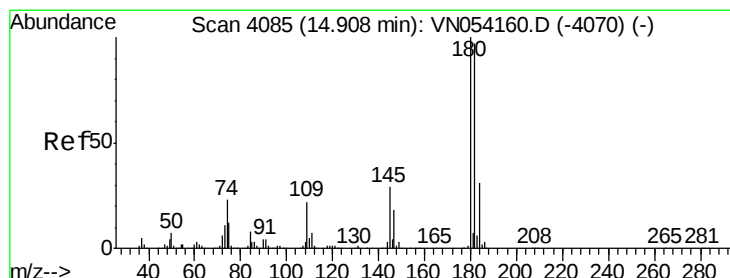


Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054160.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054160.D (-3873) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.582 ug/l

RT: 14.90 min Scan# 4082

Delta R.T. -0.01 min

Lab File: VN054444.D

Acq: 19 Mar 2019 17:01

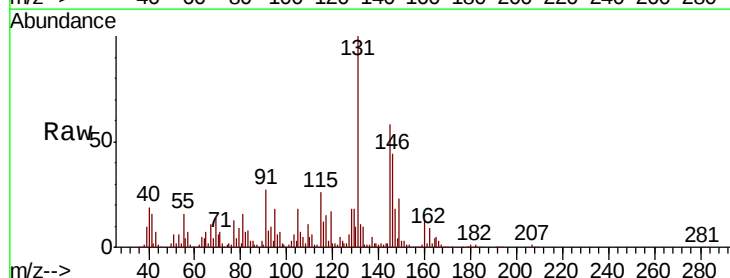
Tgt Ion:180 Resp: 1579

Ion Ratio Lower Upper

180 100

182 253.3 48.0 144.2#

145 26978.3 14.2 42.8#

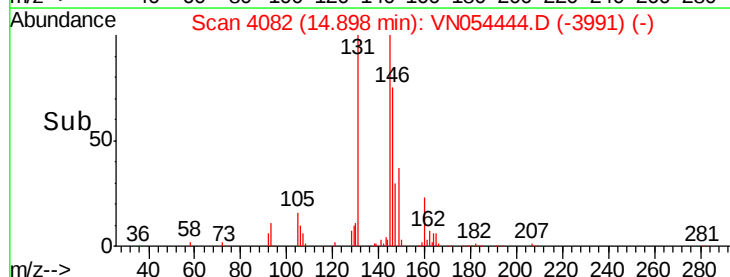


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054160.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054160.D (-4070) (-)

Time-->

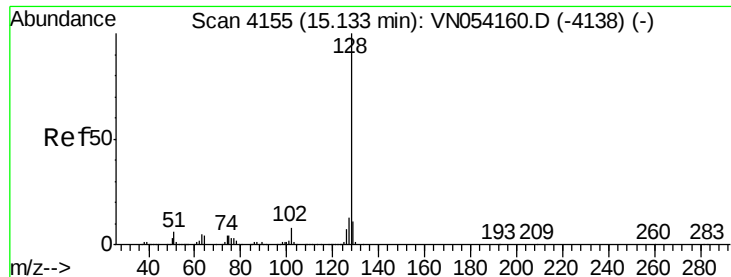


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054160.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054160.D (-4070) (-)

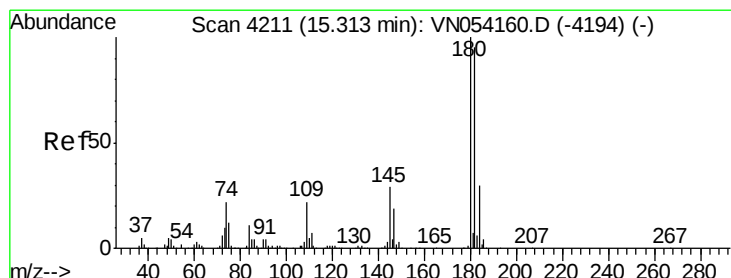
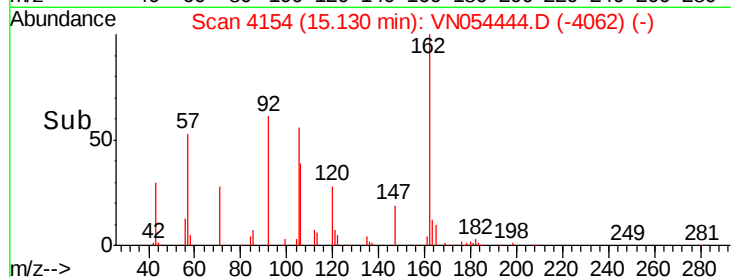
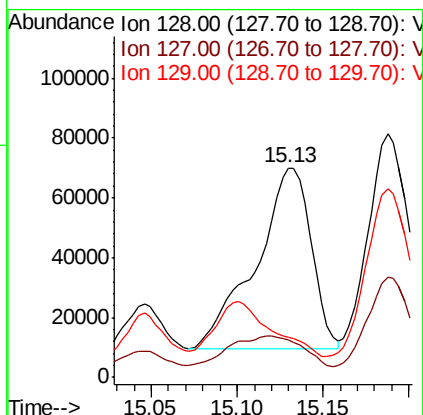
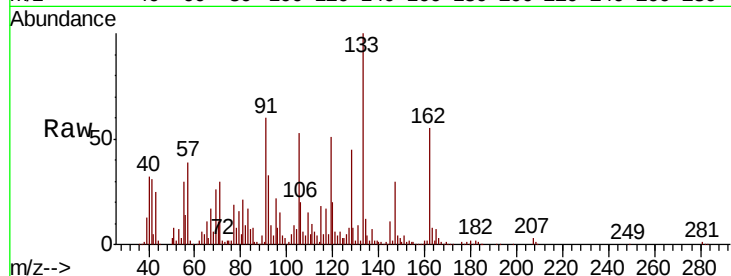
Time-->



#95
Naphthalene
Concen: 6.088 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
P-9-W.WALL-N.CENTERME

Tgt Ion:128 Resp: 135176
Ion Ratio Lower Upper
128 100
127 22.4 10.1 15.1#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.421 ug/l
RT: 15.28 min Scan# 4200
Delta R.T. -0.04 min
Lab File: VN054444.D
Acq: 19 Mar 2019 17:01

Tgt Ion:180 Resp: 8536
Ion Ratio Lower Upper
180 100
182 10.8 47.5 142.6#
145 3581.8 14.8 44.3#

