

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054715.D
 Acq On : 27 Mar 2019 12:12
 Operator : JC/SP
 Sample : PB118299TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 28 04:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	892023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	355761	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
35) Dibromofluoromethane	7.59	113	279863	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	1075066	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	328996	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	

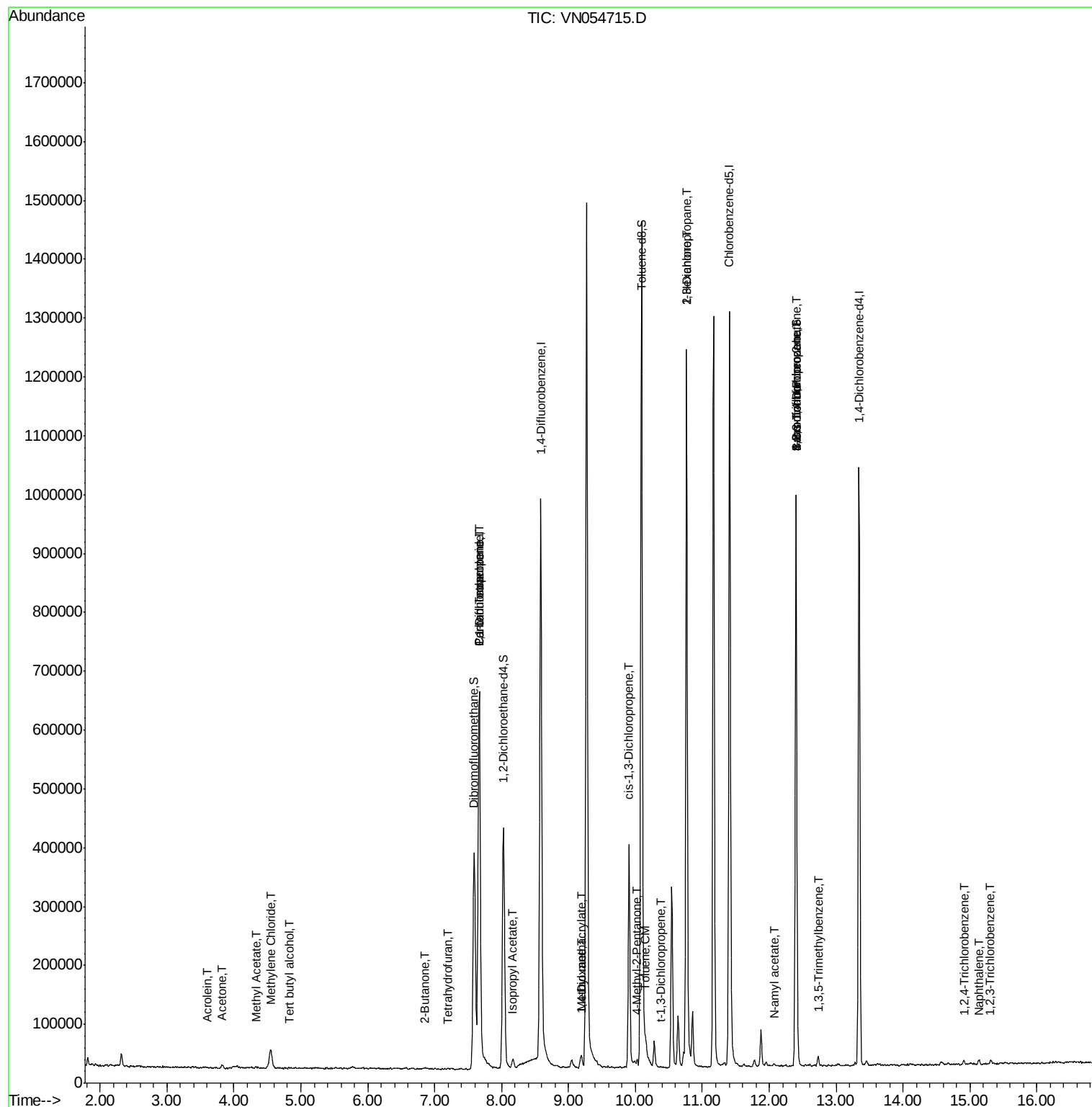
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	273	0.674	ug/l #	70
13) Acrolein	3.60	56	396	0.709	ug/l #	36
16) Acetone	3.82	43	8216	4.086	ug/l #	80
18) Methyl Acetate	4.33	43	2266	0.506	ug/l #	65
20) Methylene Chloride	4.55	84	21116	3.562	ug/l #	76
25) 2-Butanone	6.85	43	4224	1.640	ug/l #	88
29) Tetrahydrofuran	7.21	42	475	0.284	ug/l #	35
31) Cyclohexane	7.66	56	11835	Below Cal	#	12
36) 1,1-Dichloropropene	7.67	75	40530	4.859	ug/l #	48
38) Carbon Tetrachloride	7.66	117	51432	6.346	ug/l #	16
43) Isopropyl Acetate	8.17	43	17755	1.772	ug/l	95
48) Methyl methacrylate	9.18	41	9189	1.690	ug/l #	11
49) 1,4-Dioxane	9.21	88	105	1.727	ug/l #	27
51) 4-Methyl-2-Pentanone	10.02	43	9818	1.768	ug/l #	36
52) Toluene	10.16	92	6580	0.449	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	132	2.247	ug/l #	59
54) cis-1,3-Dichloropropene	9.90	75	61115	6.722	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	11972	1.306	ug/l #	43
59) 2-Hexanone	10.76	43	206824	57.029	ug/l #	47
71) Bromoform	12.40	173	3396	3.082	ug/l #	1
74) N-amyl acetate	12.07	43	2212	0.354	ug/l #	73
76) 1,2,3-Trichloropropane	12.40	75	173246	40.531	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7246	0.407	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	173246	134.032	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	1854	0.430	ug/l	86
94) Hexachlorobutadiene	15.01	225	556	Below Cal		89
95) Naphthalene	15.13	128	6543	0.681	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2564	0.598	ug/l	98

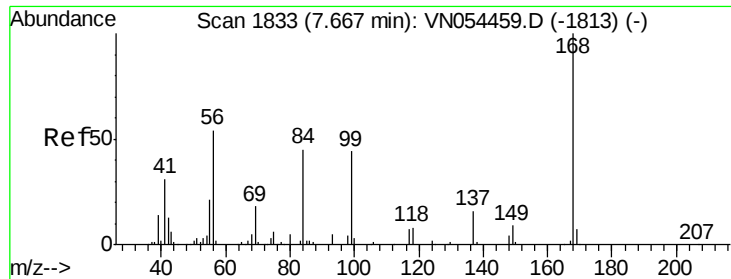
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

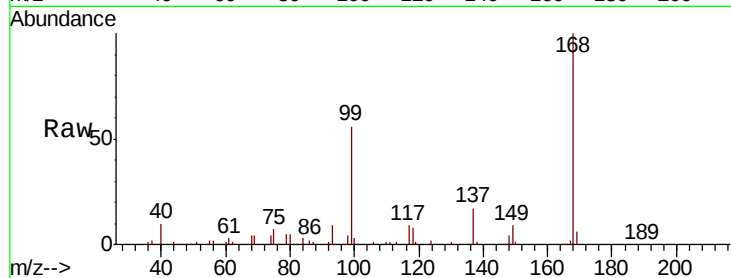
ClientSampleId :

Tot Ion:168 Resp: 537702

Ion Ratio Lower Upper

168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

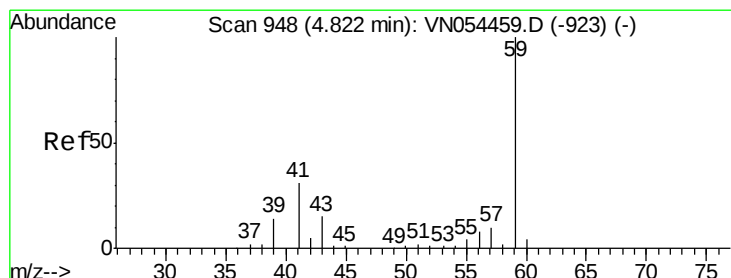
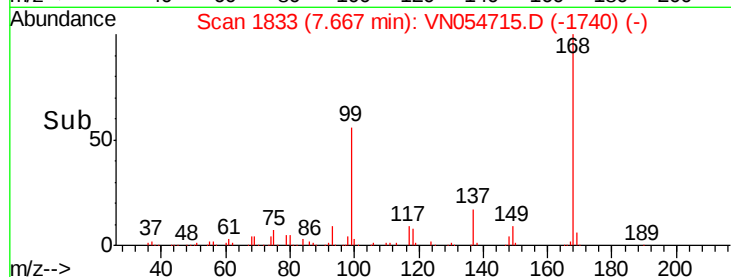
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.674 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.01 min

Lab File: VN054715.D

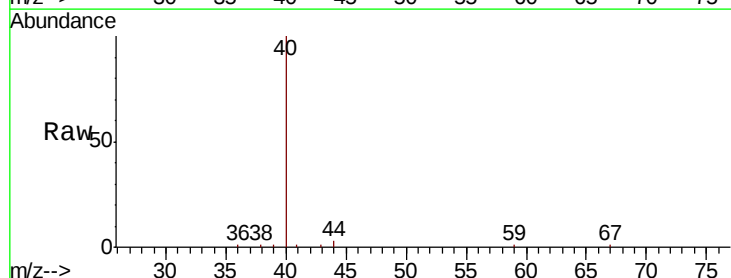
Acq: 27 Mar 2019 12:12

Tgt Ion: 59 Resp: 273

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.83

300

250

200

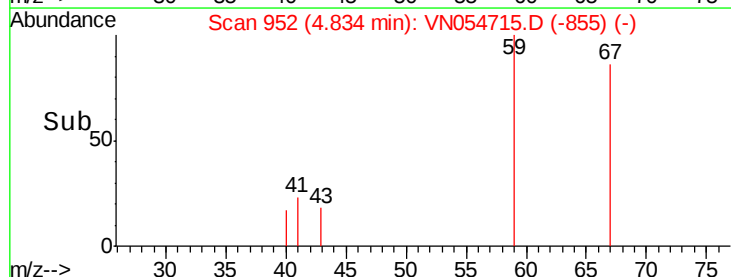
150

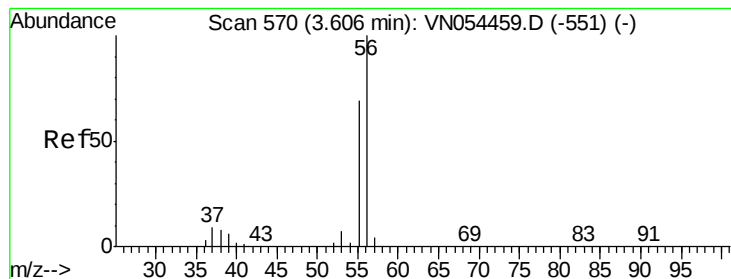
100

50

0

Time-->





#13

Acrolein

Concen: 0.709 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

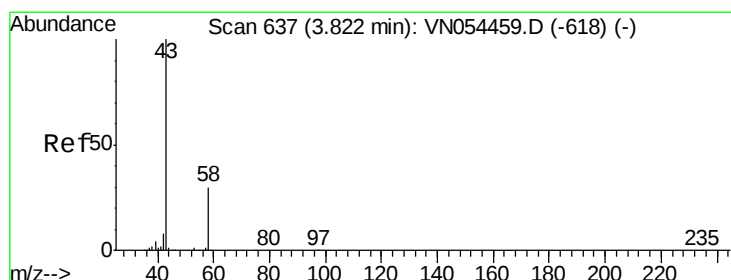
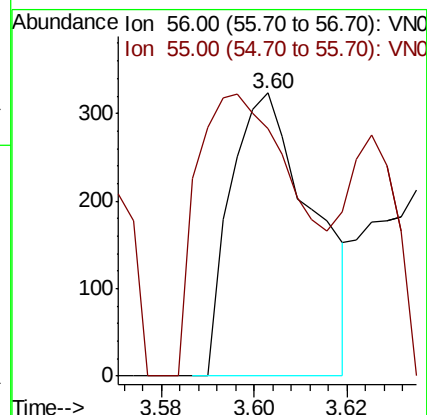
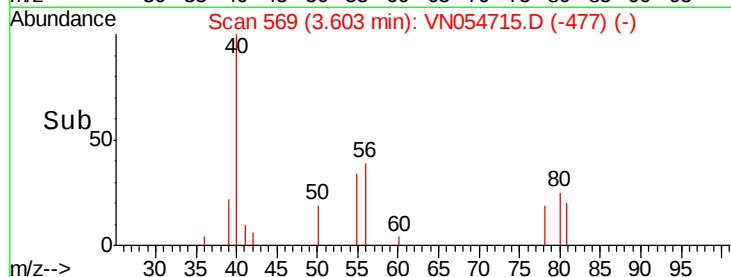
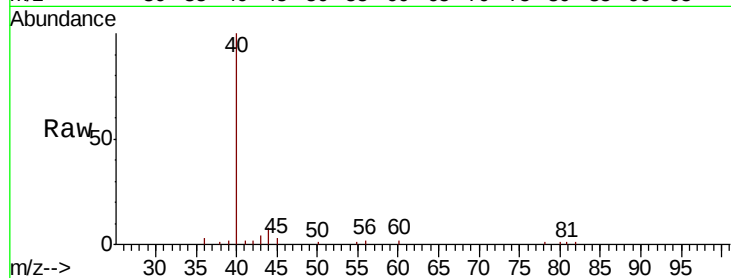
ClientSampled :

Tot Ion: 56 Resp: 396

Ion Ratio Lower Upper

56 100

55 123.5 56.7 85.1#



#16

Acetone

Concen: 4.086 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054715.D

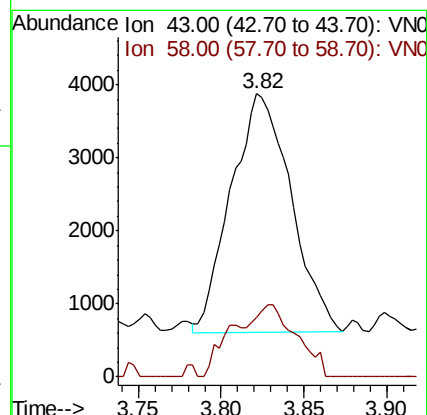
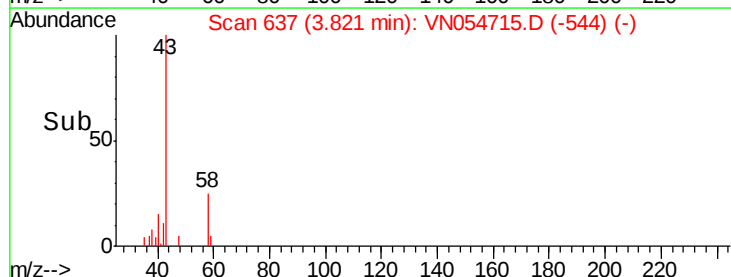
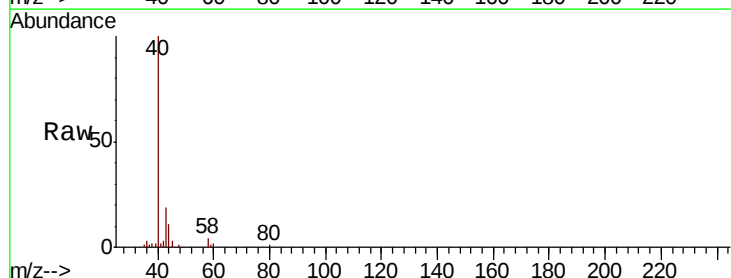
Acq: 27 Mar 2019 12:12

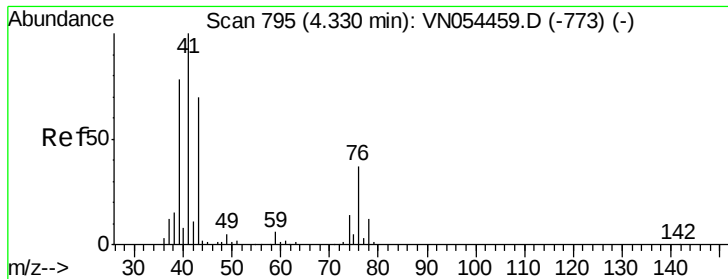
Tgt Ion: 43 Resp: 8216

Ion Ratio Lower Upper

43 100

58 25.2 29.9 44.9#

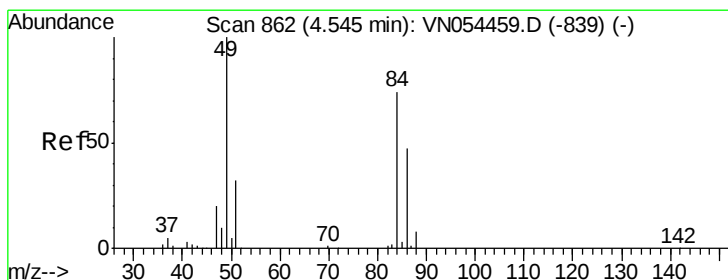
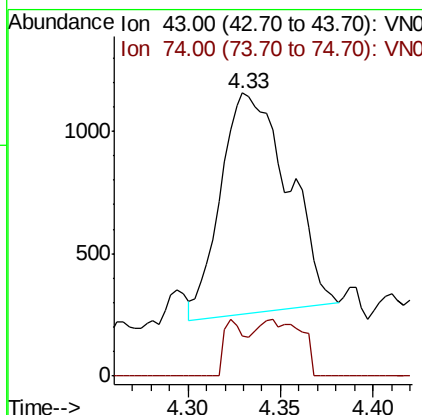
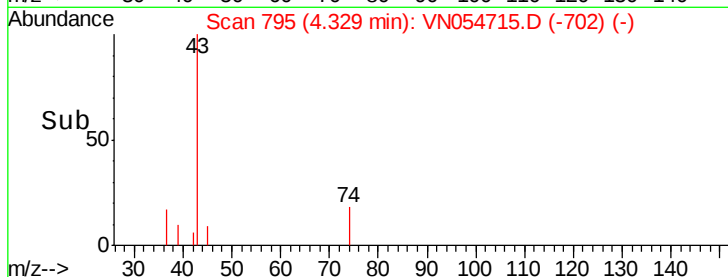
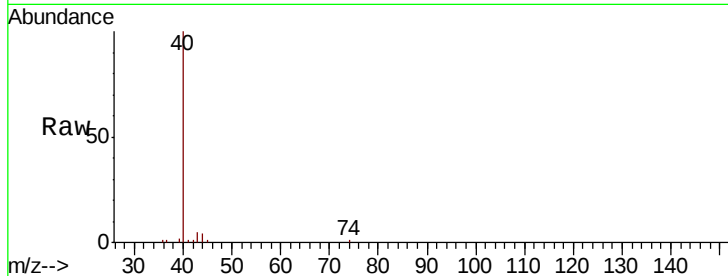




#18
Methvl Acetate
Concen: 0.506 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054715.D
Acq: 27 Mar 2019 12:12

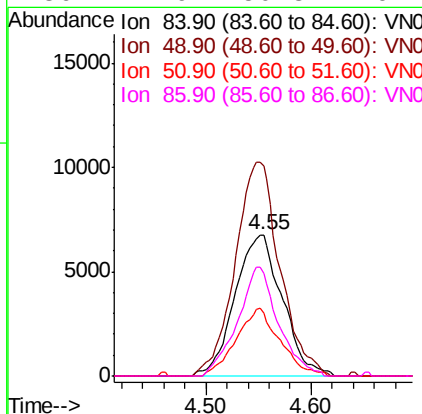
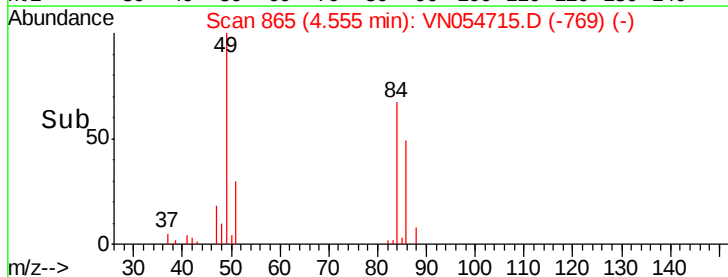
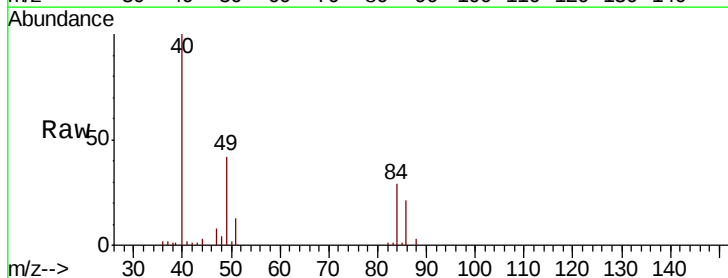
Instrument :
MSVOA_N
ClientSampled :

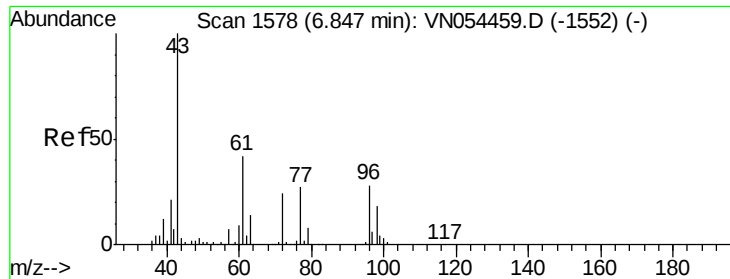
Tot Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
74 8.1 20.8 31.2#



#20
Methylene Chloride
Concen: 3.562 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN054715.D
Acq: 27 Mar 2019 12:12

Tgt Ion: 84 Resp: 21116
Ion Ratio Lower Upper
84 100
49 148.4 89.7 134.5#
51 44.3 28.2 42.4#
86 72.9 50.8 76.2





#25

2-Butanone

Concen: 1.640 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

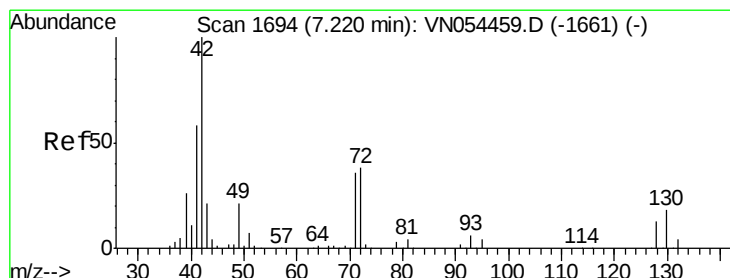
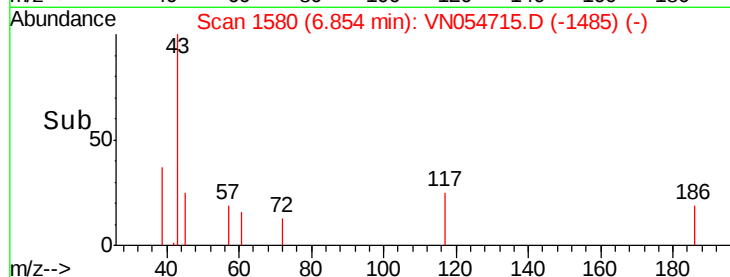
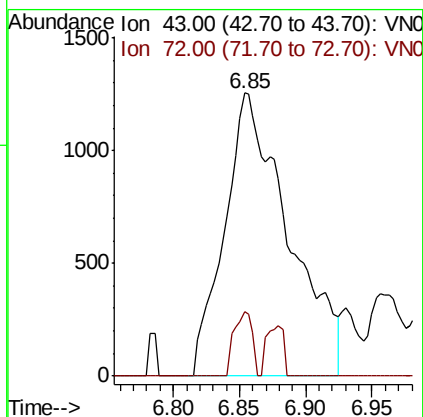
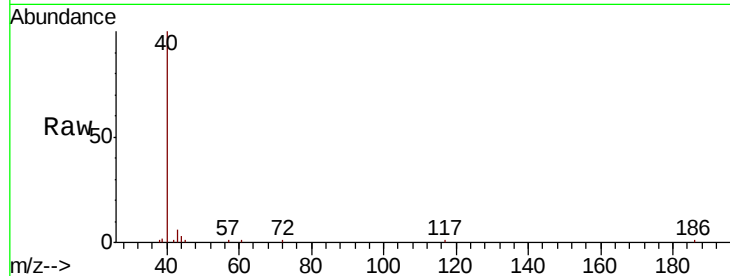
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4224

Ion Ratio Lower Upper

43 100

72 22.6 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.284 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.01 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

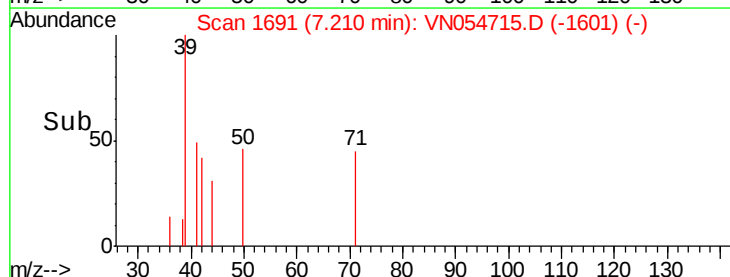
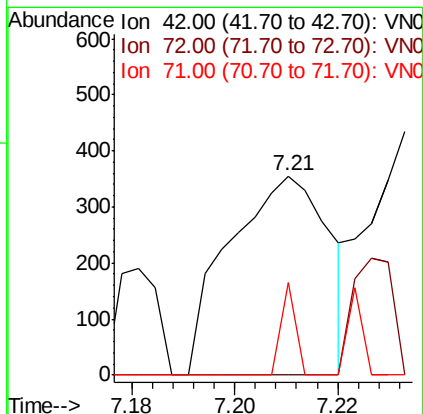
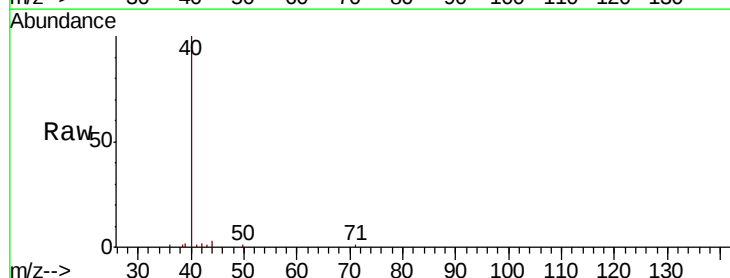
Tgt Ion: 42 Resp: 475

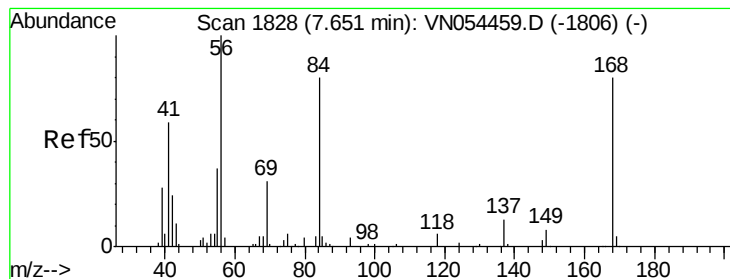
Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 6.7 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampled :

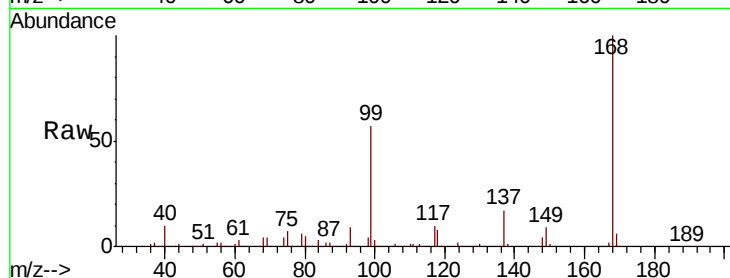
Tot Ion: 56 Resp: 11835

Ion Ratio Lower Upper

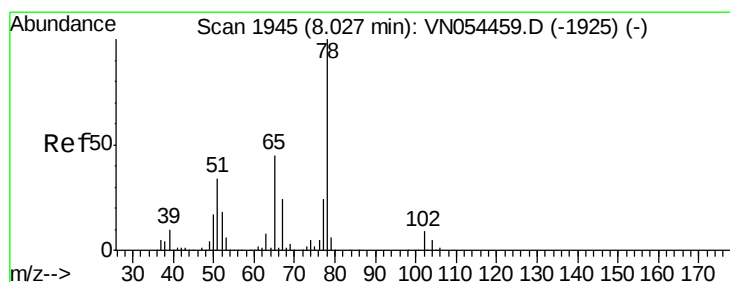
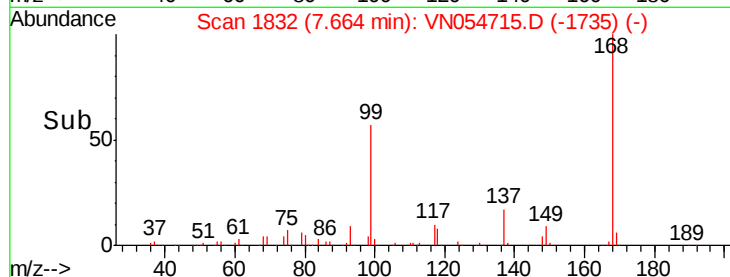
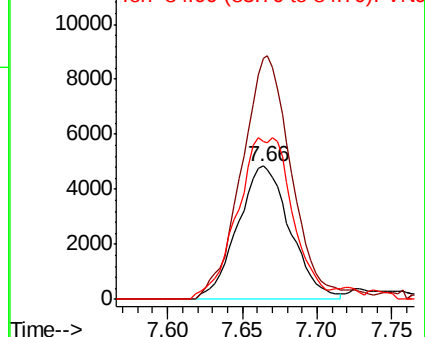
56 100

69 181.6 27.8 41.6#

84 118.3 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.193 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054715.D

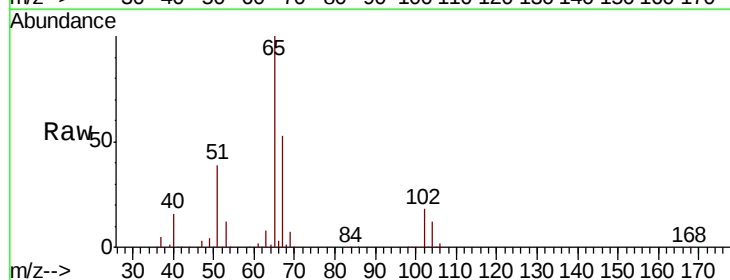
Acq: 27 Mar 2019 12:12

Tgt Ion: 65 Resp: 355761

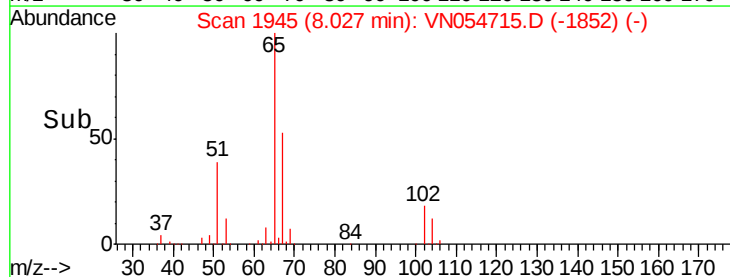
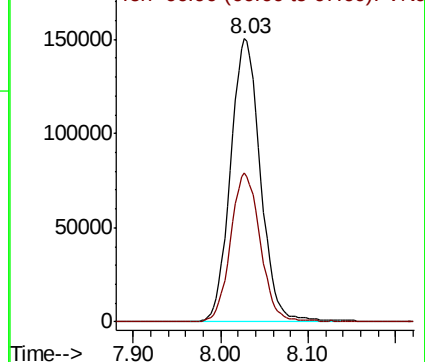
Ion Ratio Lower Upper

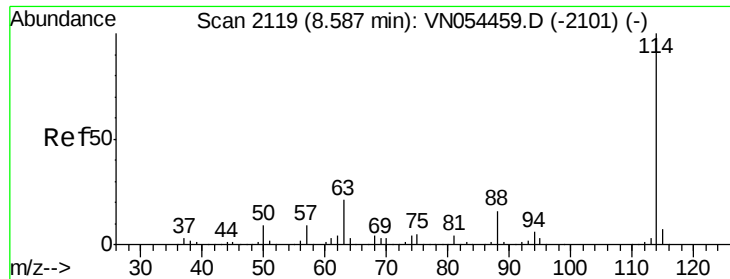
65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :

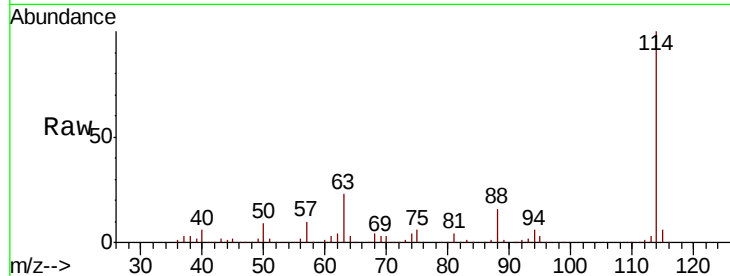
Tot Ion:114 Resp: 892023

Ion Ratio Lower Upper

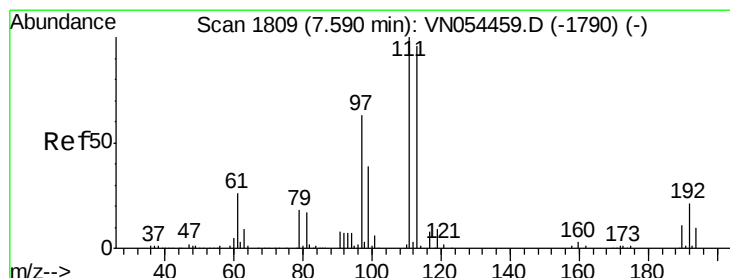
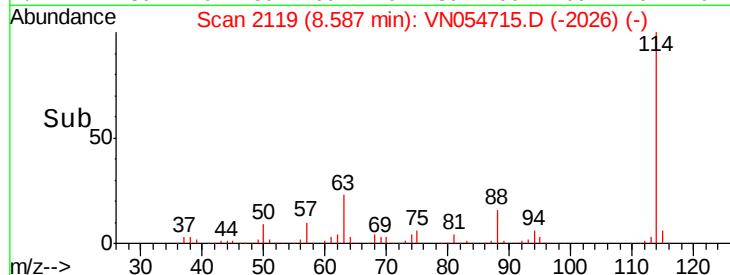
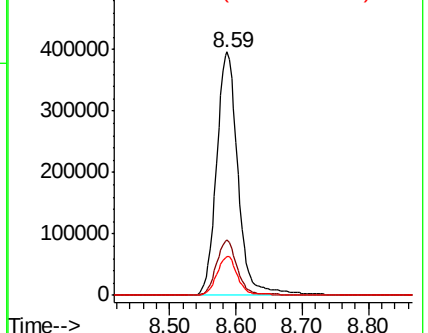
114 100

63 22.6 0.0 35.2

88 16.2 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: 48.699 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

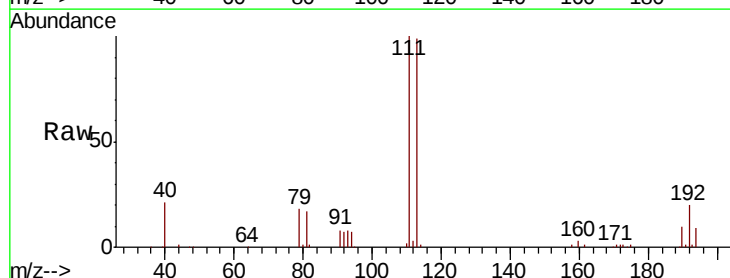
Tgt Ion:113 Resp: 279863

Ion Ratio Lower Upper

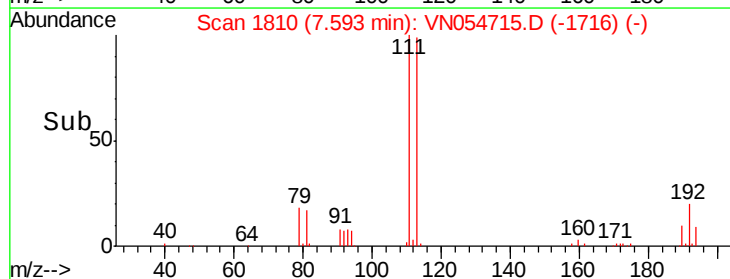
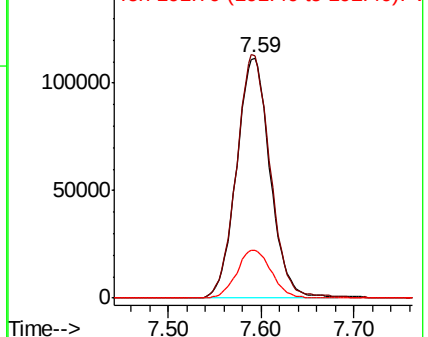
113 100

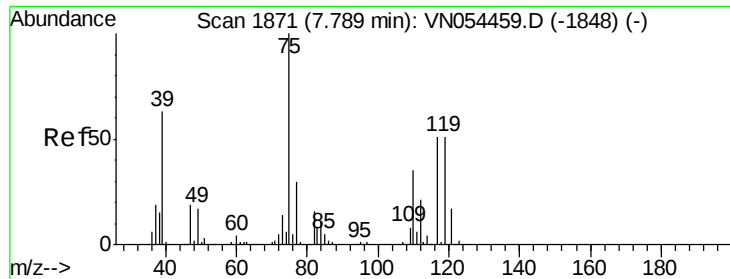
111 102.0 82.2 123.4

192 20.7 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

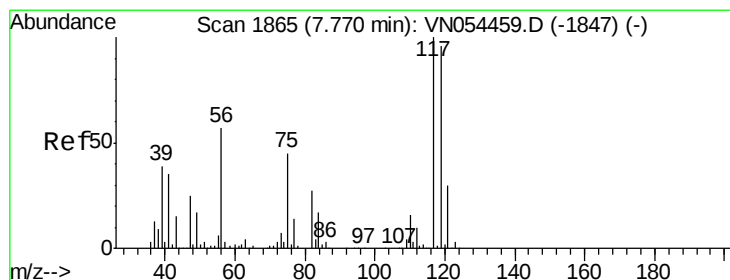
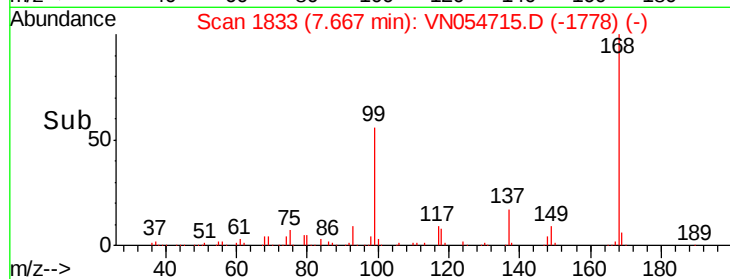
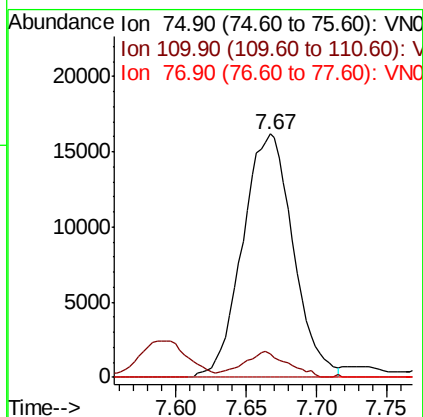
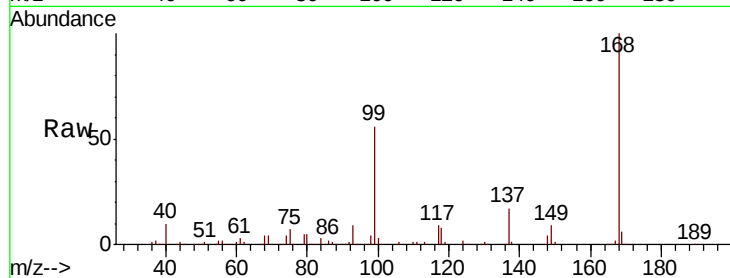




#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

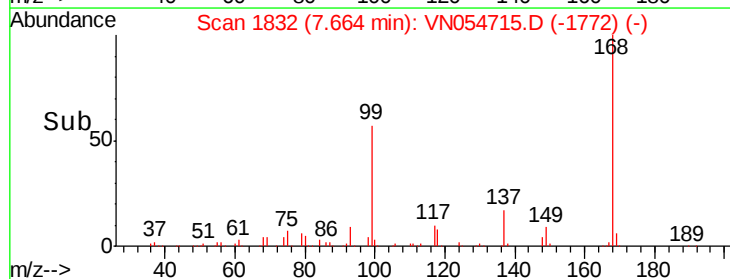
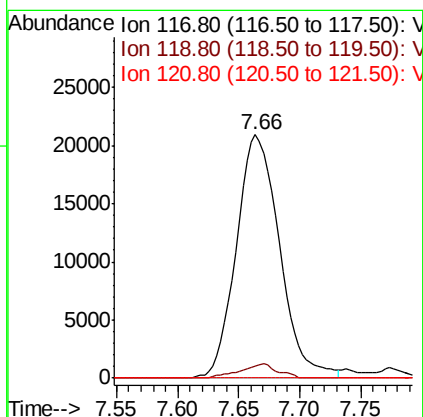
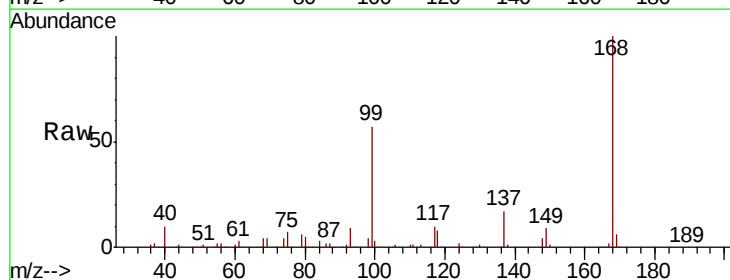
Instrument :
 MSVOA_N
 ClientSampleId :

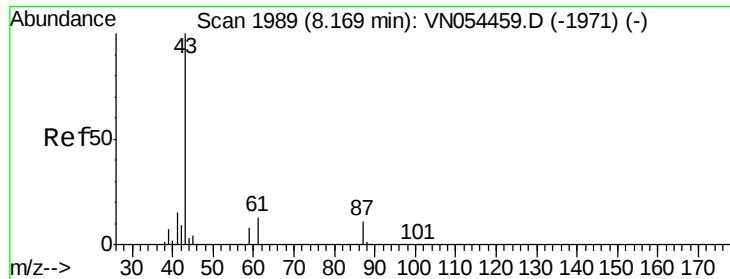
Tot Ion: 75 Resp: 40530
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.346 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion: 117 Resp: 51432
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.772 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

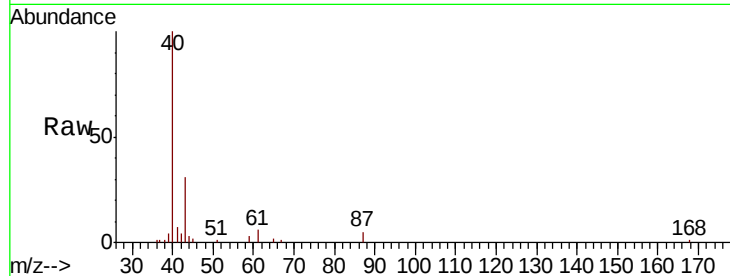
Tot Ion: 43 Resp: 17755

Ion Ratio Lower Upper

43 100

61 17.5 15.8 23.8

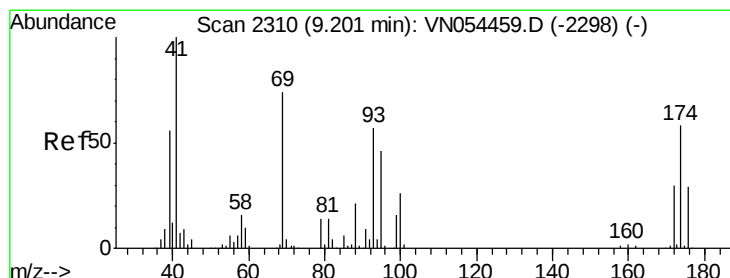
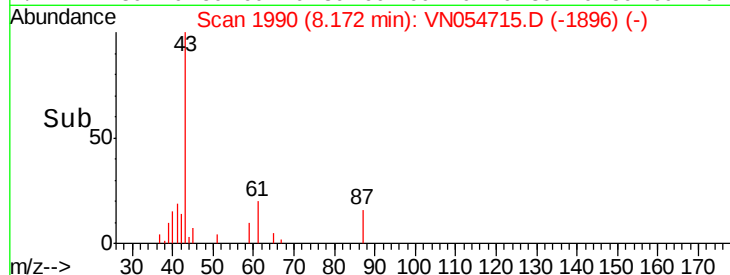
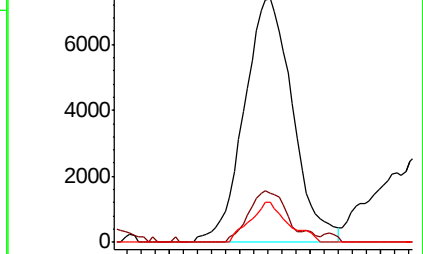
87 12.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054715.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN054715.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN054715.D (-1990) (-)



#48

Methyl methacrylate

Concen: 1.690 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

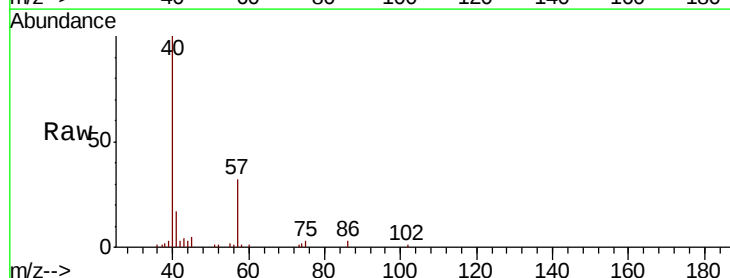
Tgt Ion: 41 Resp: 9189

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

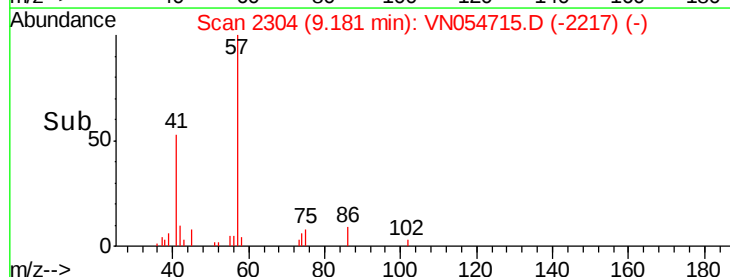
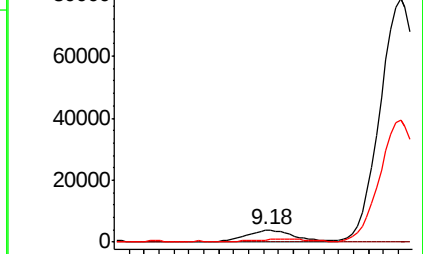
39 0.0 47.5 71.3#

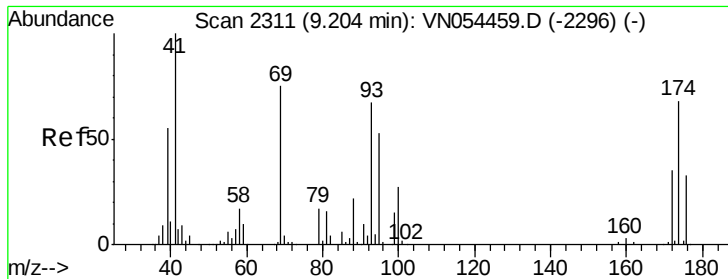


Abundance Ion 41.00 (40.70 to 41.70): VN054715.D (-2304) (-)

Ion 69.00 (68.70 to 69.70): VN054715.D (-2304) (-)

Ion 39.00 (38.70 to 39.70): VN054715.D (-2304) (-)

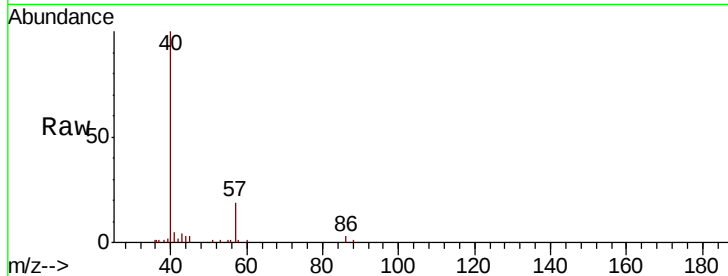




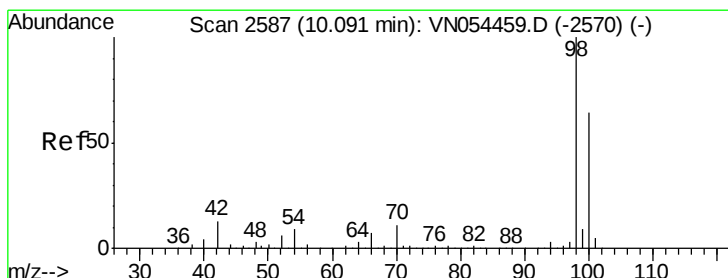
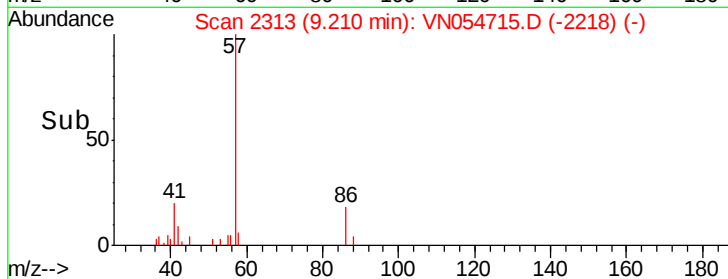
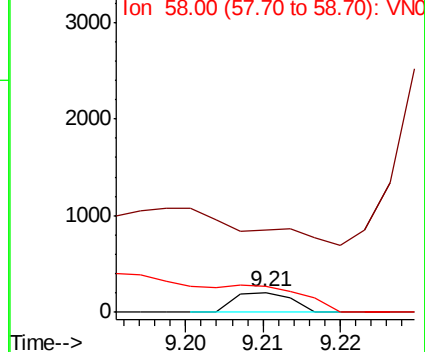
#49
 1,4-Dioxane
 Concen: 1.727 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 105
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.1 36.1#
 58 0.0 50.8 76.2#

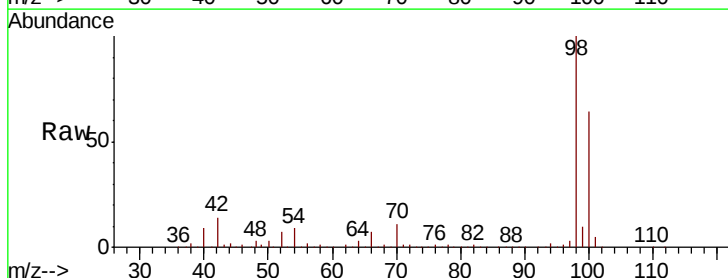


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

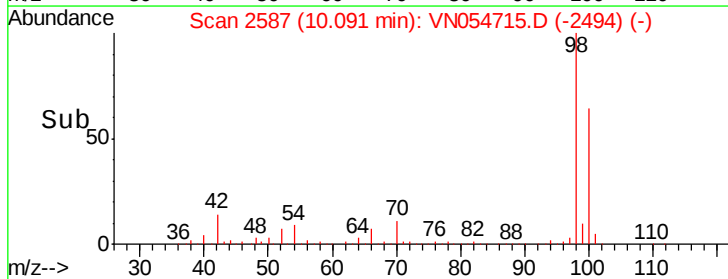
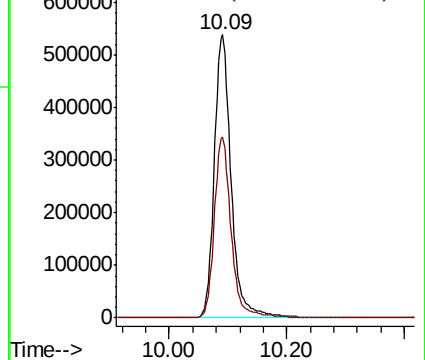


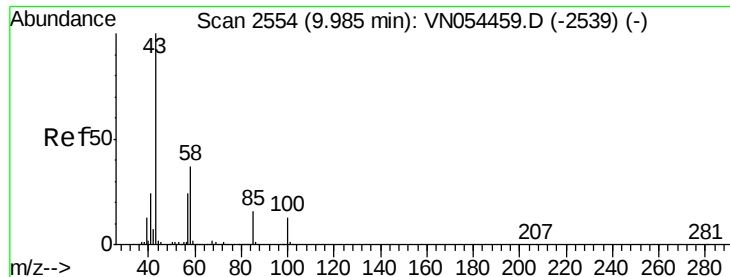
#50
 Toluene-d8
 Concen: 49.761 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion: 98 Resp: 1075066
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.768 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

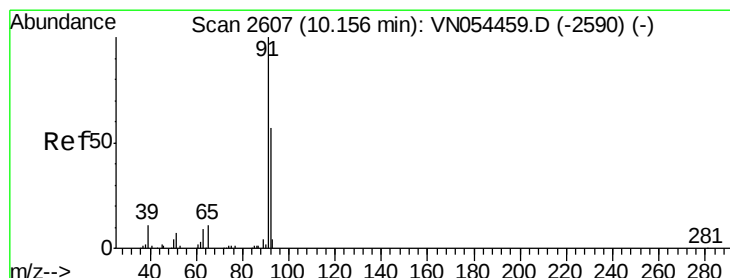
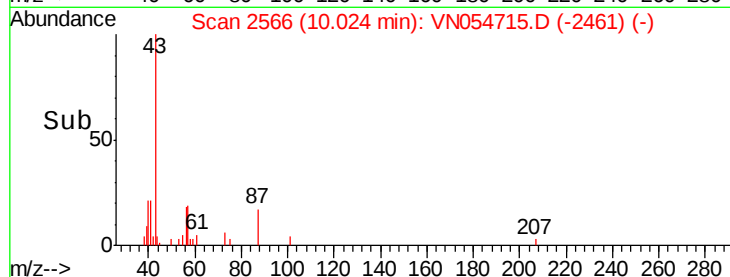
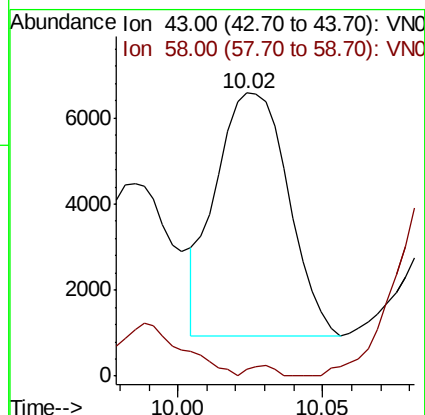
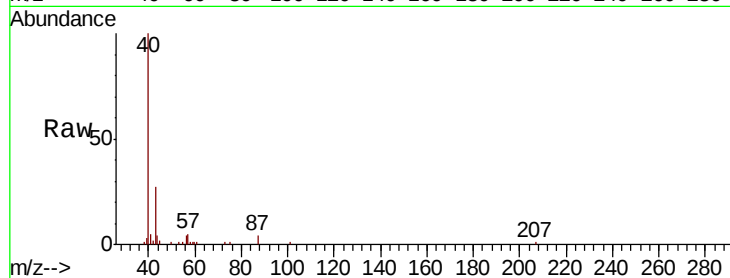
ClientSampleId :

Tot Ion: 43 Resp: 9818

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#52

Toluene

Concen: 0.449 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054715.D

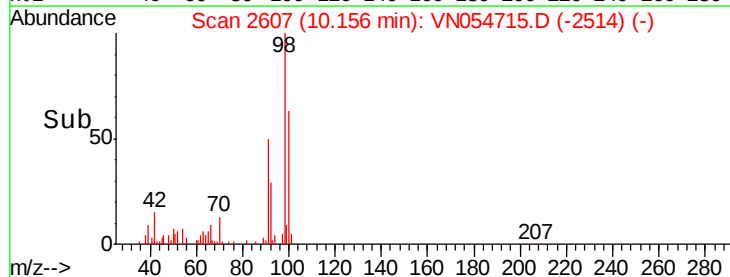
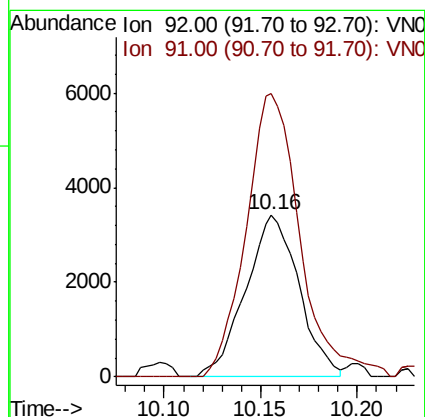
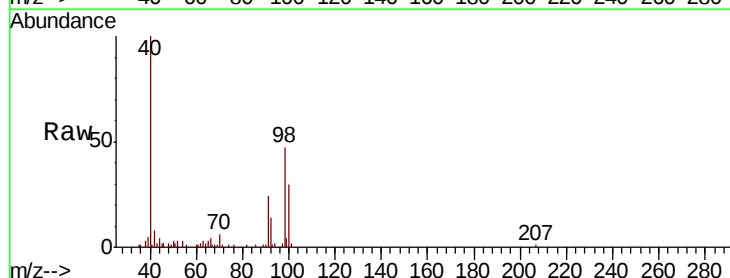
Acq: 27 Mar 2019 12:12

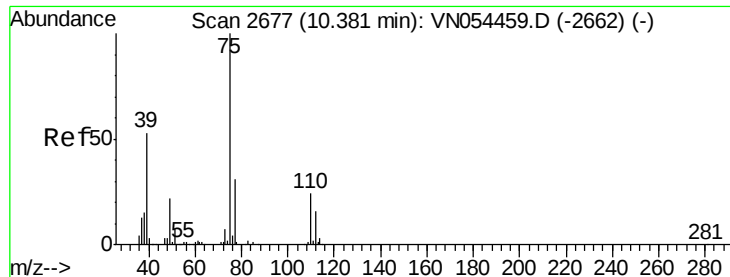
Tgt Ion: 92 Resp: 6580

Ion Ratio Lower Upper

92 100

91 177.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 2.247 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

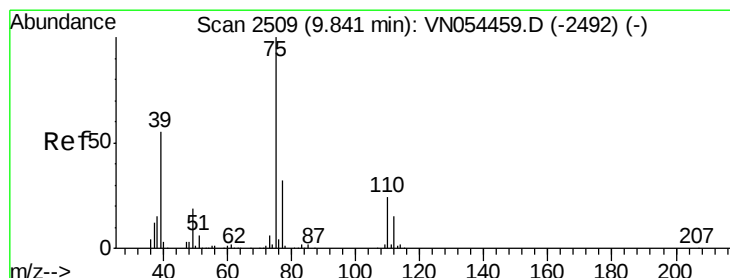
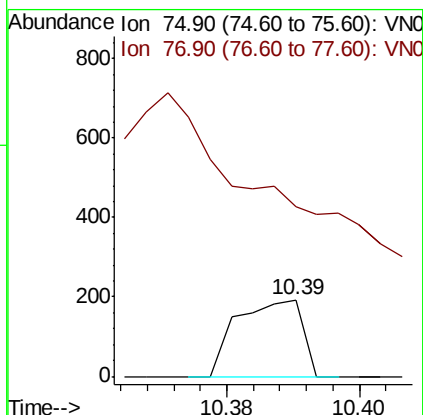
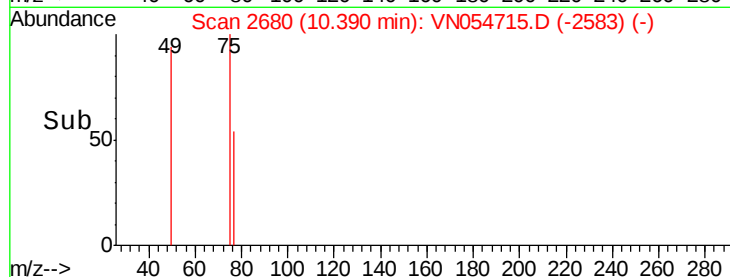
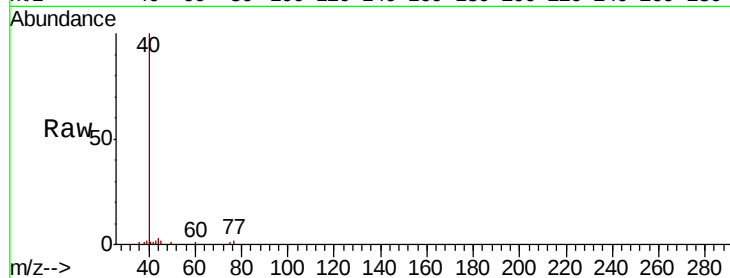
ClientSampleId :

Tot Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 9.3 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 6.722 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

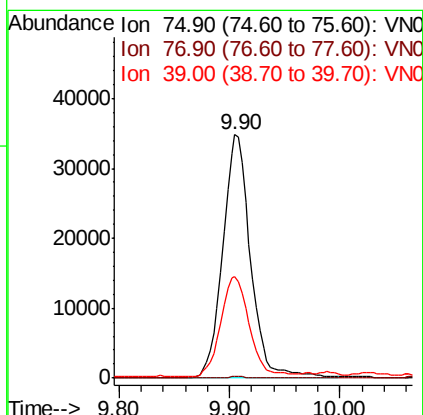
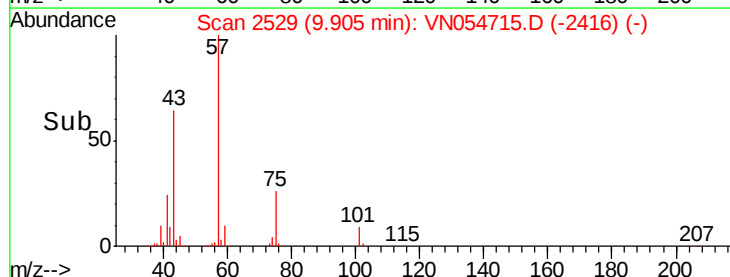
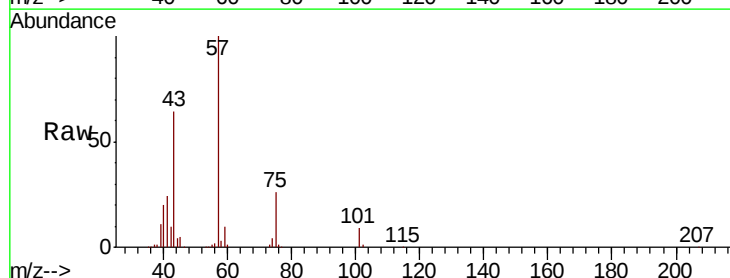
Tgt Ion: 75 Resp: 61115

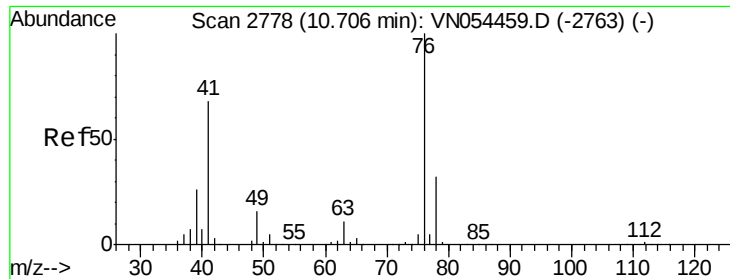
Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

39 40.9 37.2 55.8





#57

1,3-Dichloropropane

Concen: 1.306 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

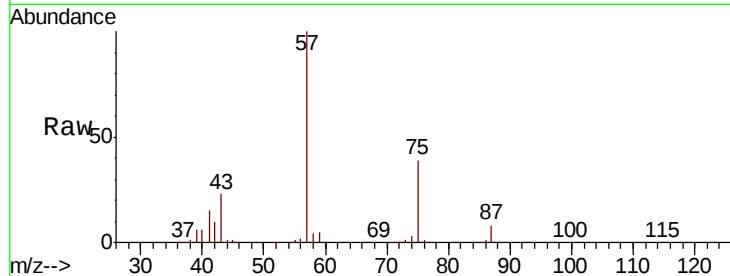
ClientSampleId :

Tot Ion: 76 Resp: 11972

Ion Ratio Lower Upper

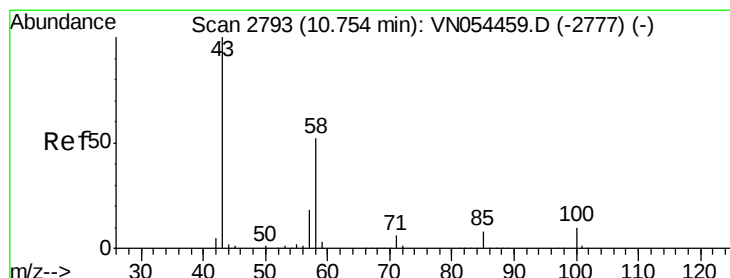
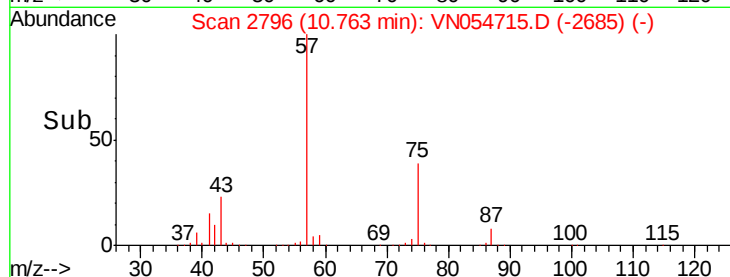
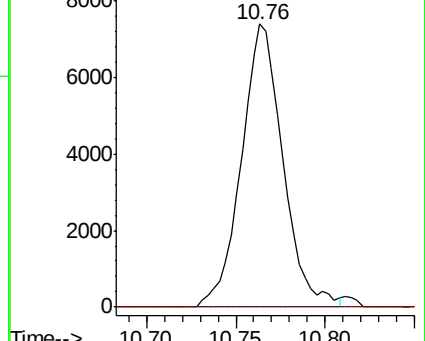
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 57.029 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054715.D

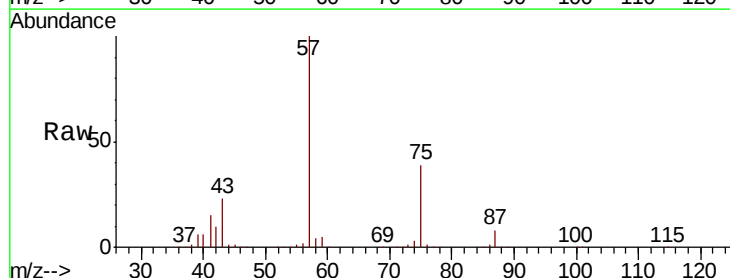
Acq: 27 Mar 2019 12:12

Tgt Ion: 43 Resp: 206824

Ion Ratio Lower Upper

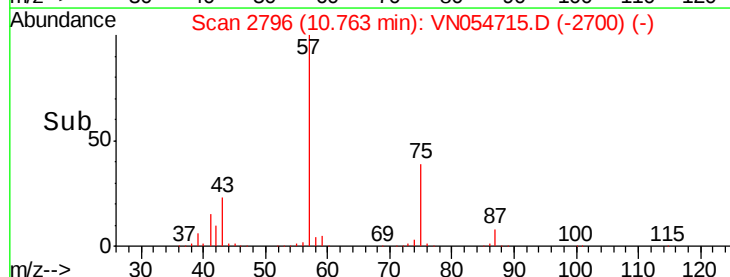
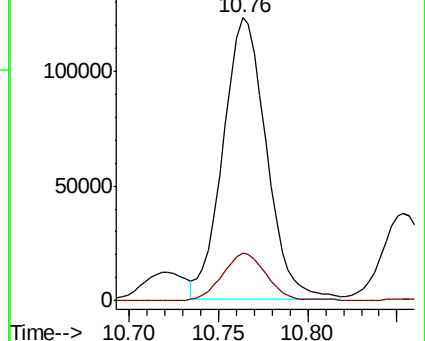
43 100

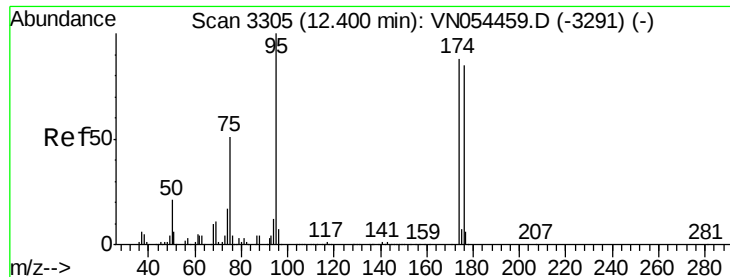
58 17.1 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.751 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

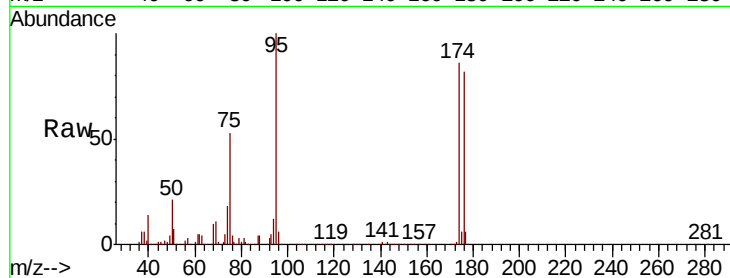
Tot Ion: 95 Resp: 328996

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

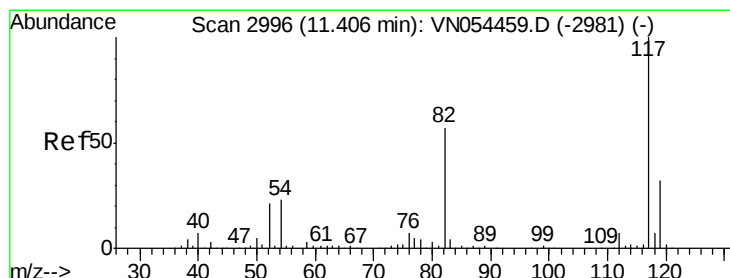
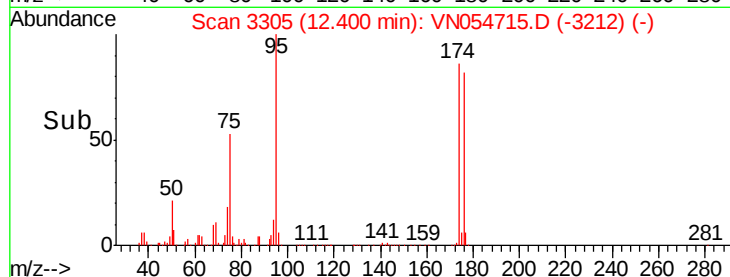
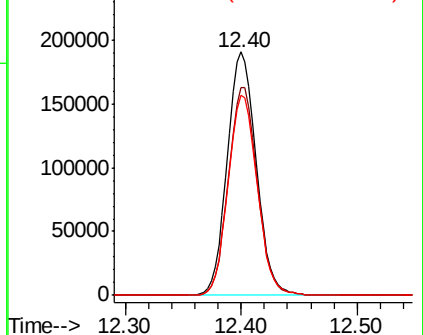
176 82.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054715.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054715.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054715.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

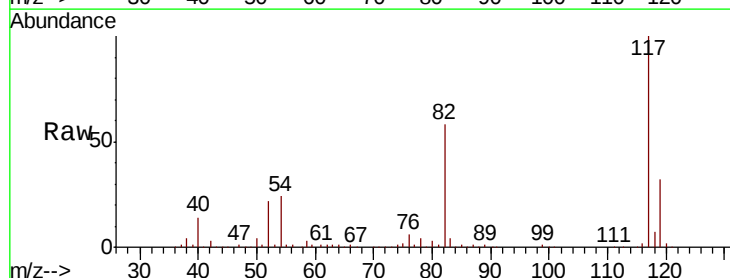
Tgt Ion: 117 Resp: 748199

Ion Ratio Lower Upper

117 100

82 57.5 40.0 60.0

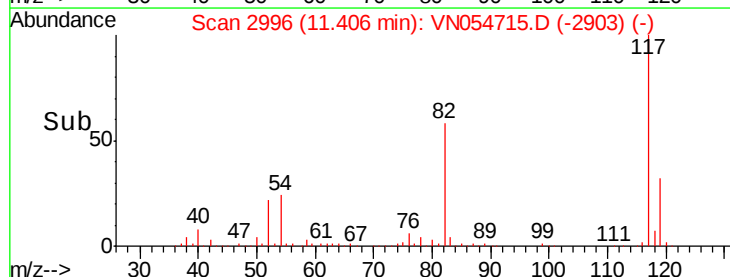
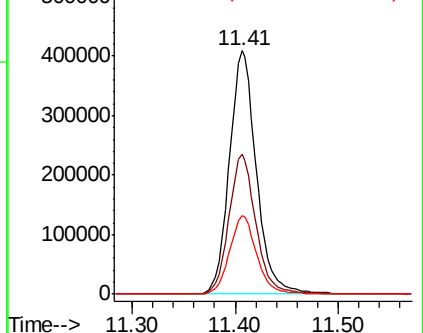
119 32.2 25.8 38.6

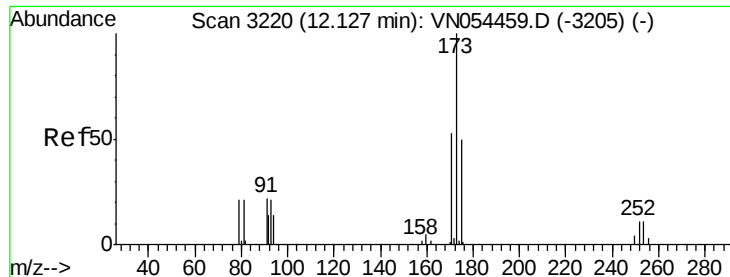


Abundance Ion 116.90 (116.60 to 117.60): VN054715.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054715.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054715.D (-2981) (-)





#71

Bromoform

Concen: 3.082 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

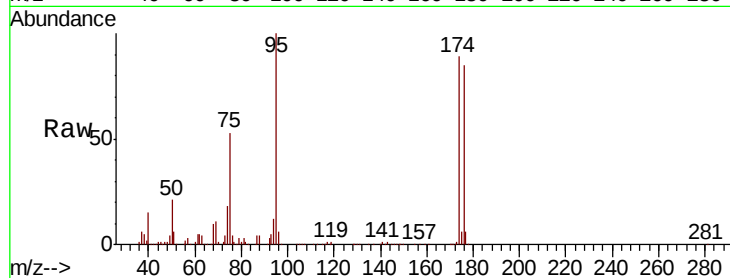
Tot Ion:173 Resp: 3396

Ion Ratio Lower Upper

173 100

175 542.8 24.4 73.2#

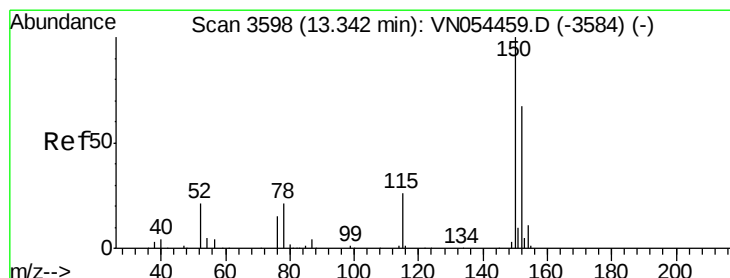
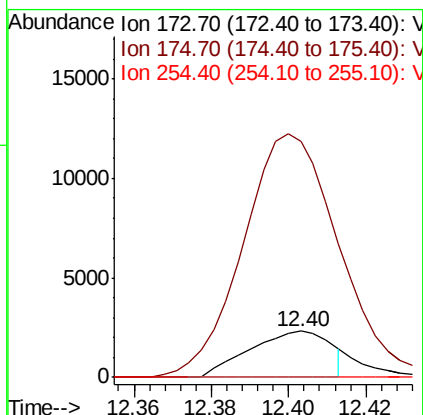
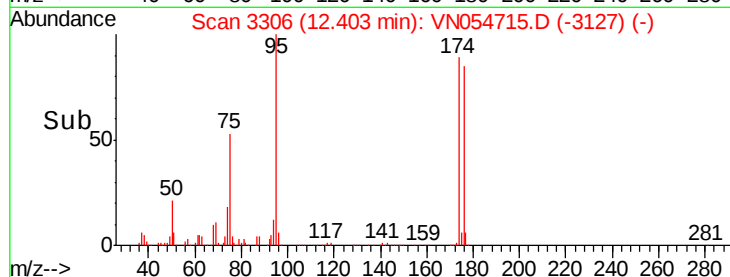
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

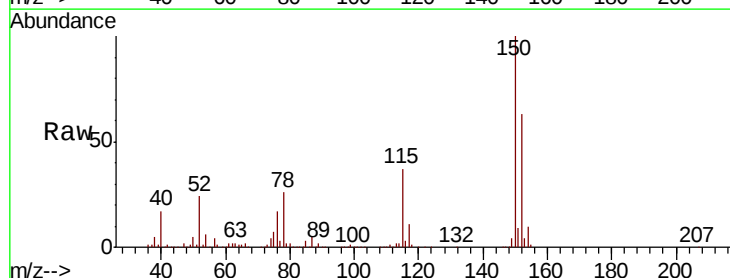
Tgt Ion:152 Resp: 269367

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

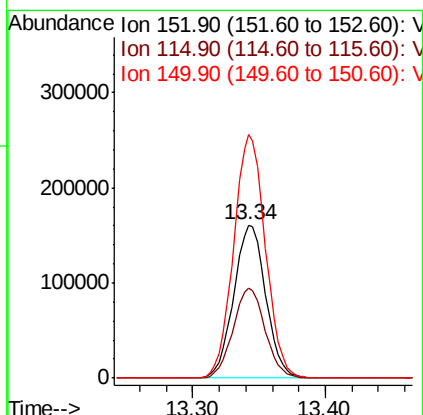
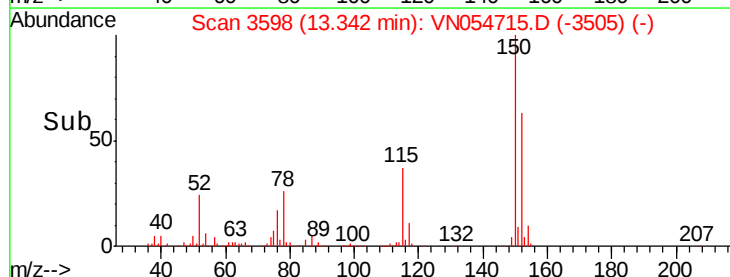
150 157.6 0.0 349.2

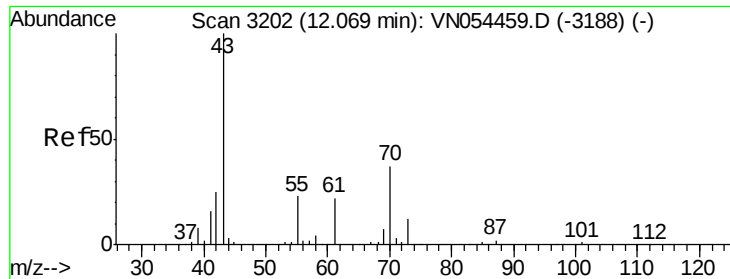


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.354 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

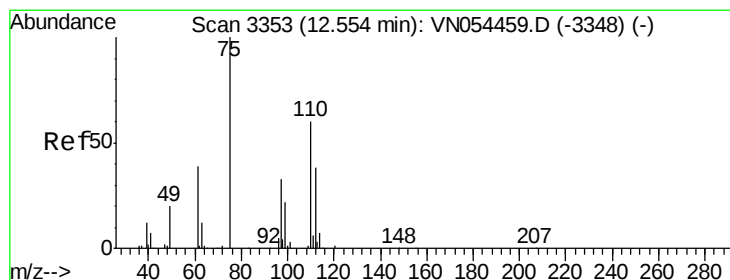
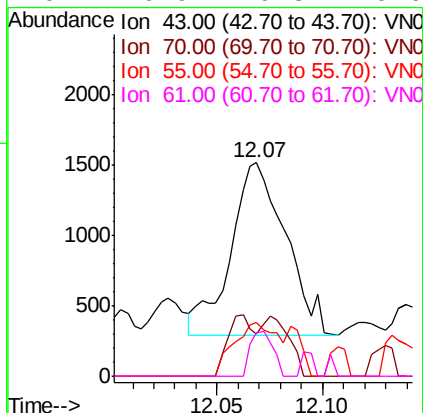
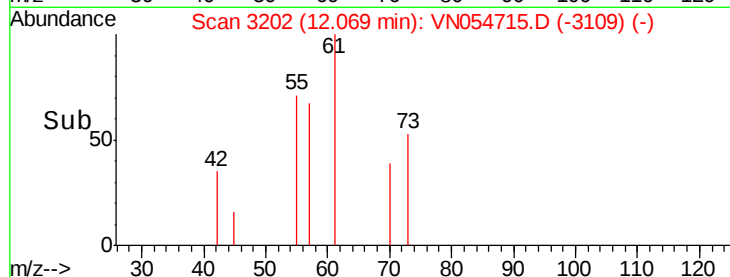
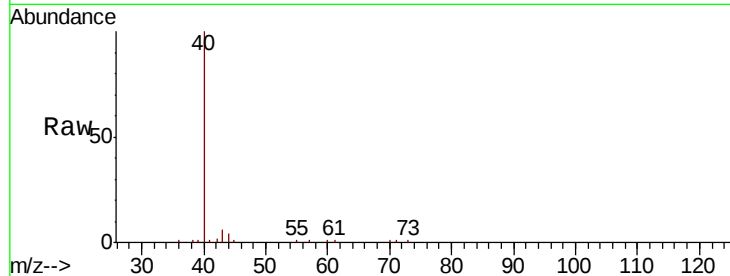
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2212

Ion	Ratio	Lower	Upper
43	100		
70	17.2	35.4	53.0#
55	24.6	19.8	29.6
61	10.9	19.8	29.6#



#76

1,2,3-Trichloropropane

Concen: 40.531 ug/l

RT: 12.40 min Scan# 3305

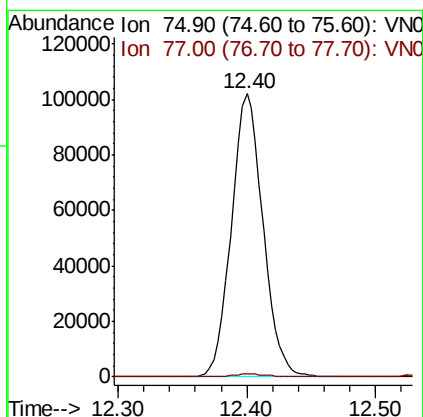
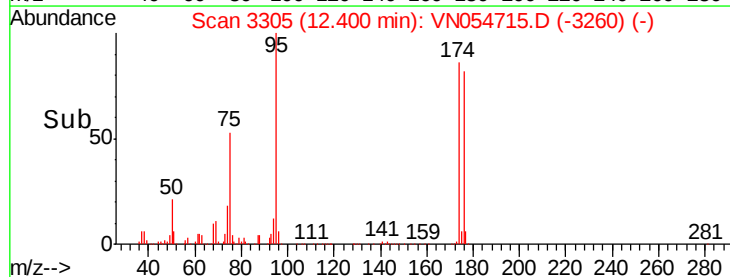
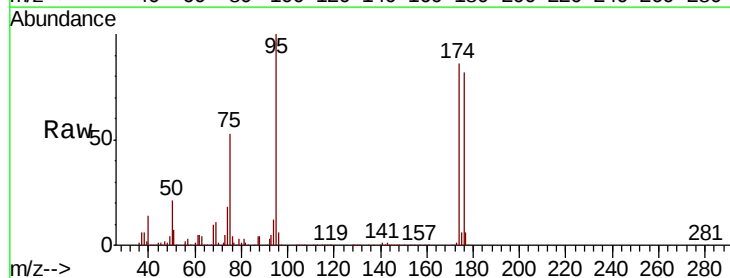
Delta R.T. -0.15 min

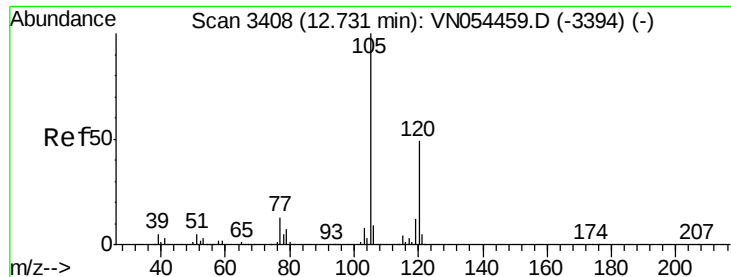
Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Tgt Ion: 75 Resp: 173246

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

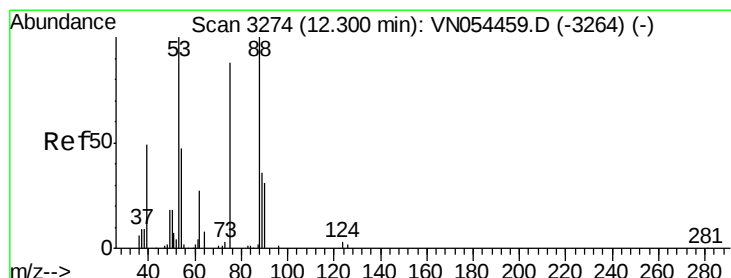
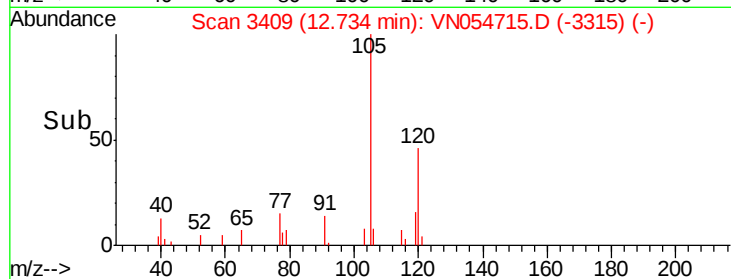
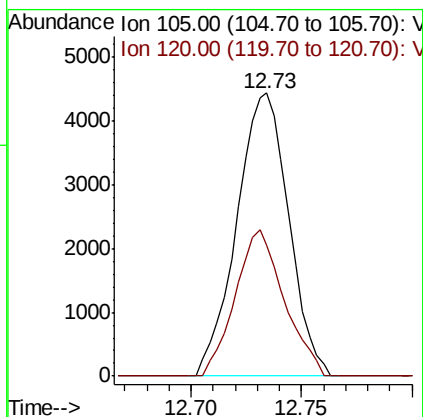
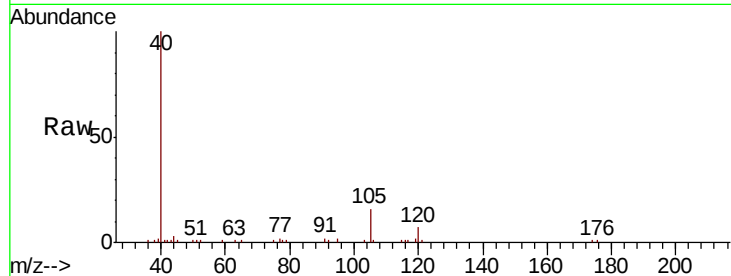




#80
 1,3,5-Trimethylbenzene
 Concen: 0.407 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

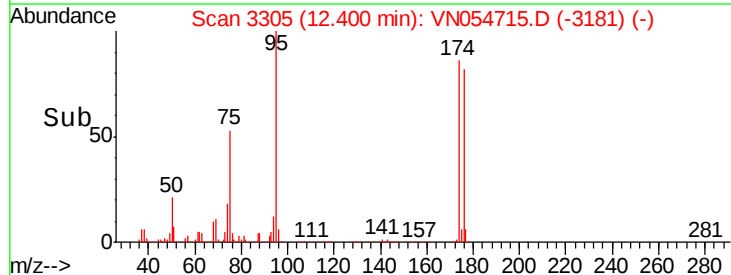
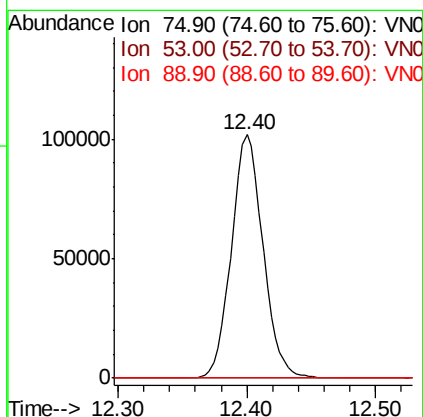
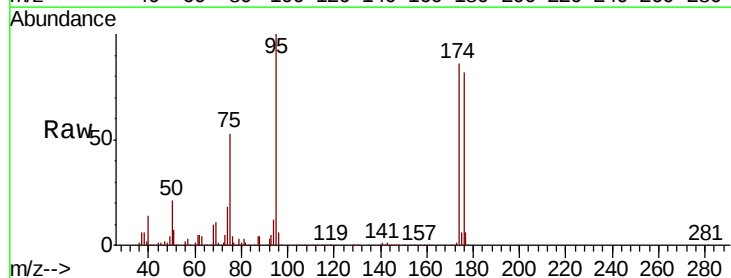
Instrument :
 MSVOA_N
 ClientSampled :

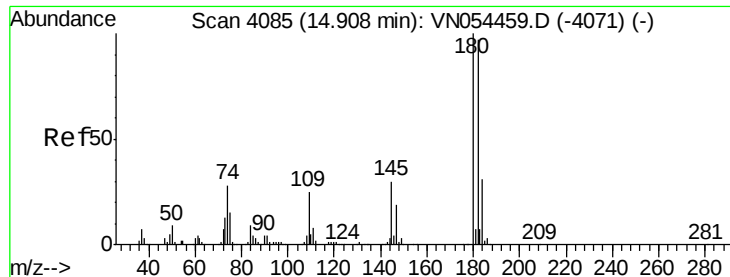
Tot Ion:105 Resp: 7246
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.032 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion: 75 Resp: 173246
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#

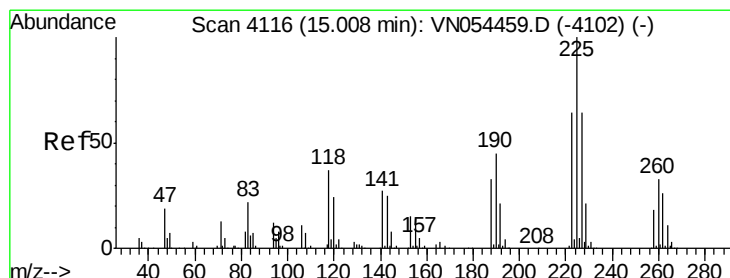
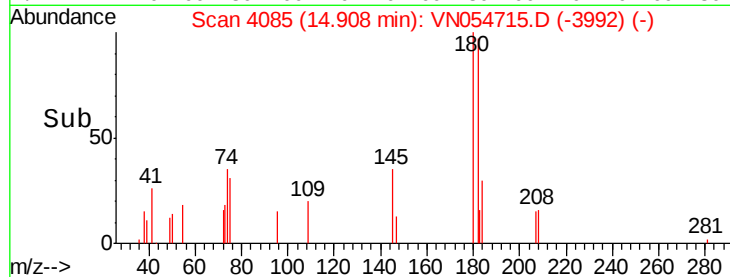
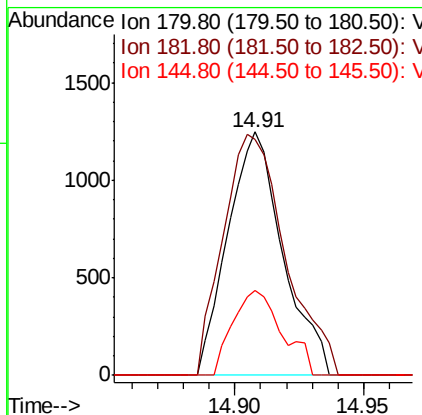
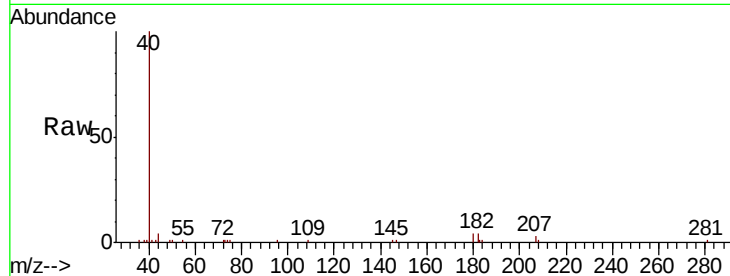




#93
 1,2,4-Trichlorobenzene
 Concen: 0.430 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

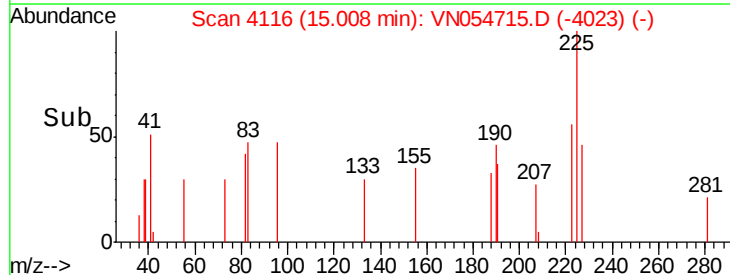
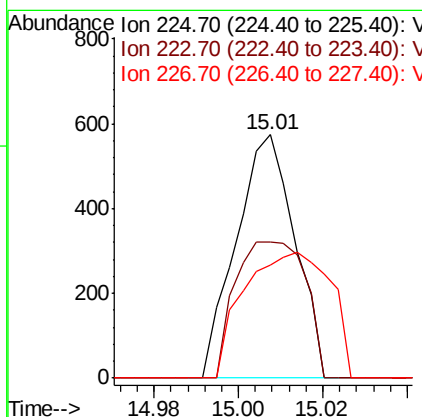
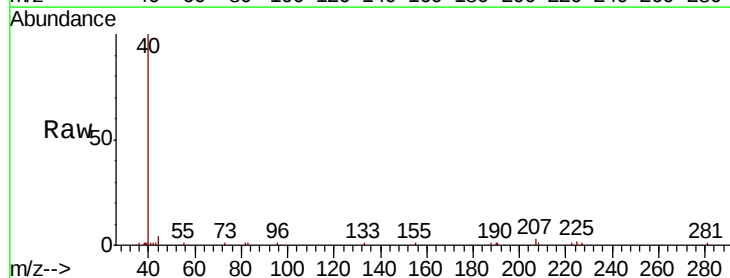
Instrument :
 MSVOA_N
 ClientSampleId :

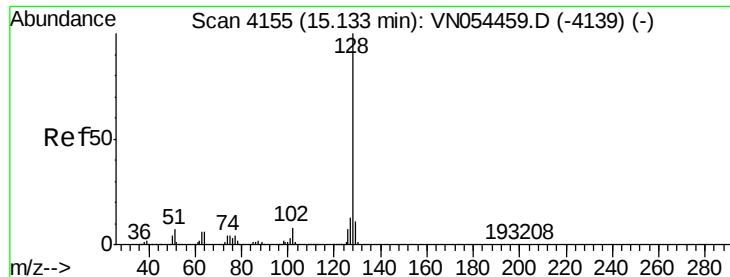
Tot Ion	Ratio	Lower	Upper
180	100		
182	111.9	48.0	144.2
145	31.5	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.1	93.5
227	76.1	31.9	95.9





#95

Naphthalene

Concen: 0.681 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

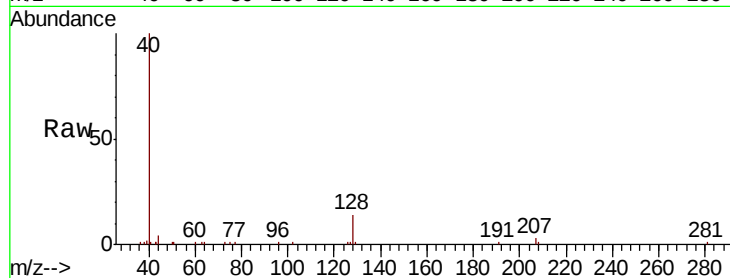
Tot Ion:128 Resp: 6543

Ion Ratio Lower Upper

128 100

127 10.0 10.1 15.1#

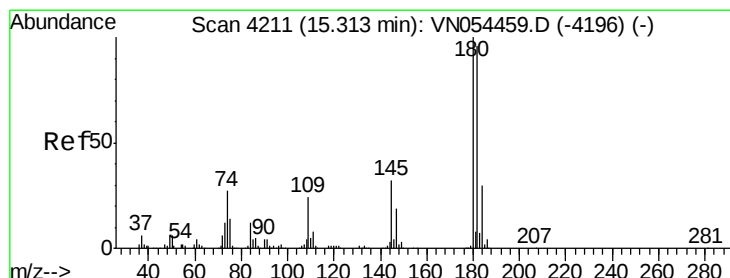
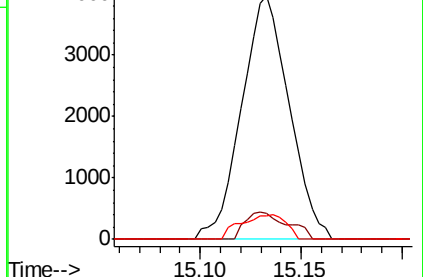
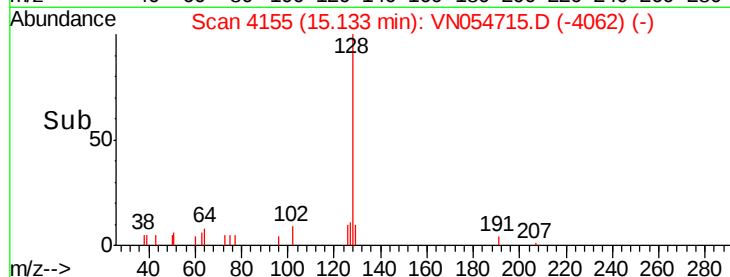
129 9.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.598 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

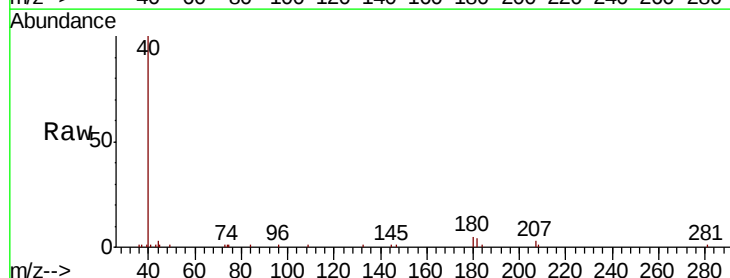
Tgt Ion:180 Resp: 2564

Ion Ratio Lower Upper

180 100

182 97.2 47.5 142.6

145 31.3 14.8 44.3



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

