

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055763.D
 Acq On : 23 May 2019 19:17
 Operator : JC/SP
 Sample : K2647-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

Quant Time: May 24 06:50:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

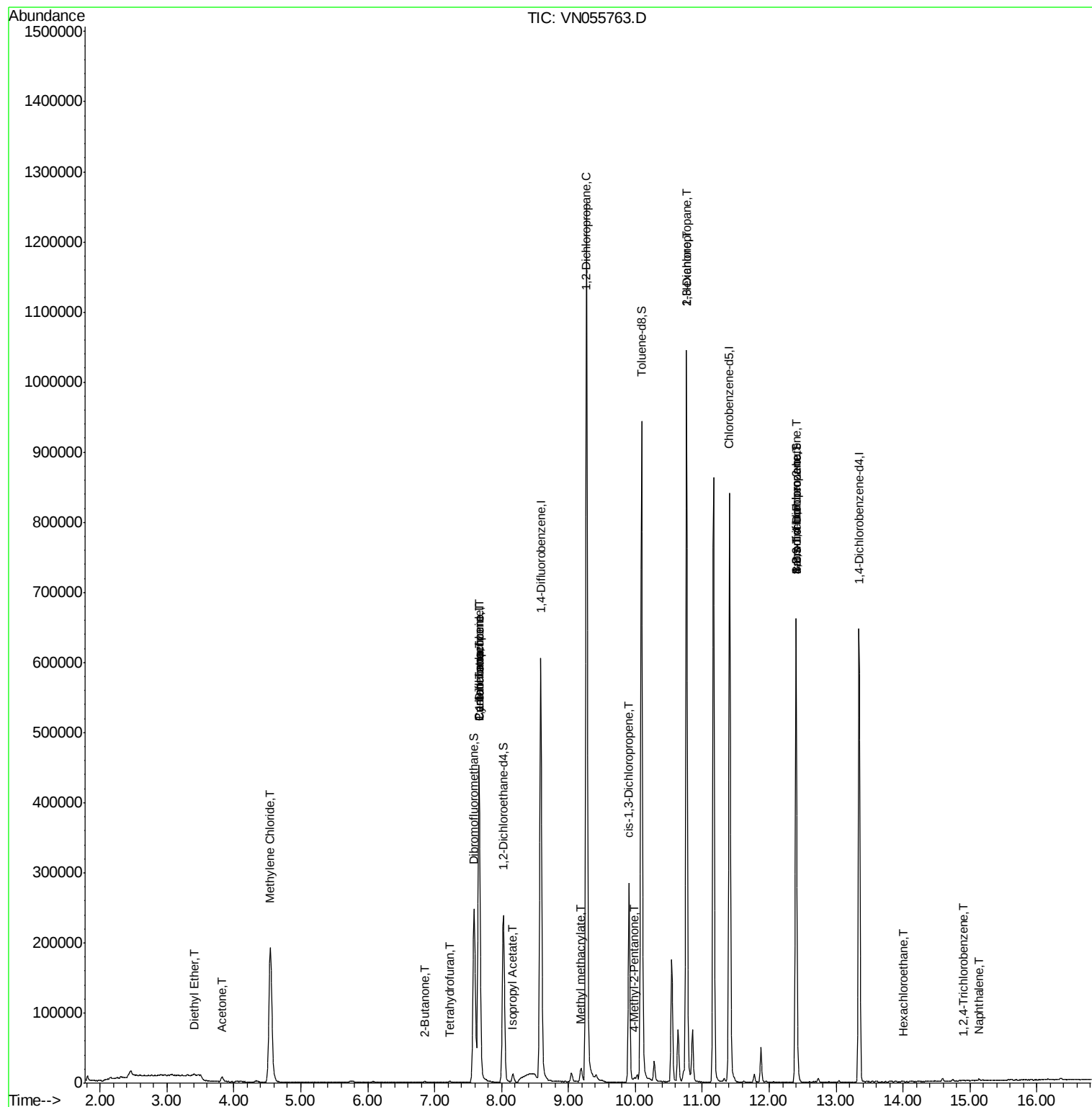
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	608045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	204285	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.59	113	185733	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	715121	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.40	95	229075	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	567	0.218	ug/l	89
16) Acetone	3.83	43	12303	6.163	ug/l	98
18) Methyl Acetate	4.32	43	1215	Below Cal	#	37
20) Methylene Chloride	4.55	84	157630	36.461	ug/l	98
25) 2-Butanone	6.86	43	2556	0.917	ug/l #	47
29) Tetrahydrofuran	7.23	42	1143	0.647	ug/l #	60
31) Cyclohexane	7.66	56	6004	0.881	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24219	4.571	ug/l #	48
38) Carbon Tetrachloride	7.66	117	35187	6.375	ug/l #	15
43) Isopropyl Acetate	8.17	43	15234	1.770	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1482	0.356	ug/l #	44
48) Methyl methacrylate	9.18	41	8071	2.035	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4526	0.891	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	56711	8.571	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	11451	1.751	ug/l #	42
59) 2-Hexanone	10.76	43	149709	41.526	ug/l #	50
71) Bromoform	12.40	173	1533	0.416	ug/l #	1
73) Isopropylbenzene	12.25	105	141	Below Cal	#	48
74) N-amyl acetate	11.99	43	736	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	105289	29.090	ug/l #	100
79) 2-Chlorotoluene	12.68	91	204	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2930	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	105289	70.447	ug/l #	15
83) tert-Butylbenzene	13.04	119	145	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	1638	Below Cal		94
85) sec-Butylbenzene	13.17	105	288	Below Cal	#	55
90) Hexachloroethane	13.99	117	753	0.283	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	30	3.644	ug/l #	85
95) Naphthalene	15.13	128	3009	0.323	ug/l #	84

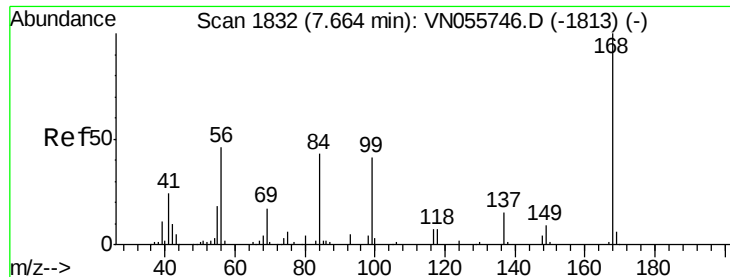
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

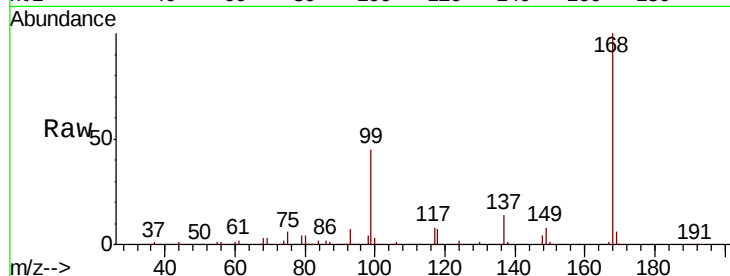
SU-03-052219-A

Tot Ion:168 Resp: 439744

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

150000

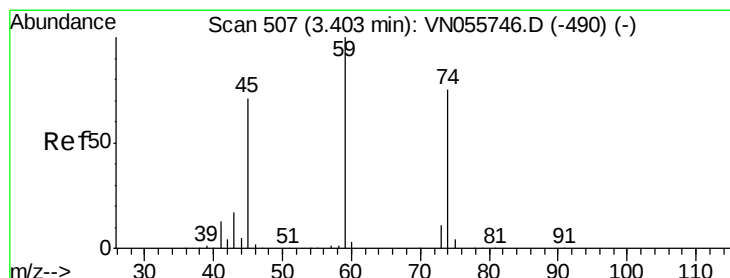
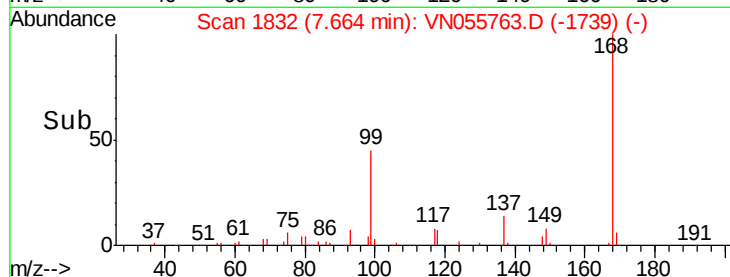
100000

50000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.218 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.01 min

Lab File: VN055763.D

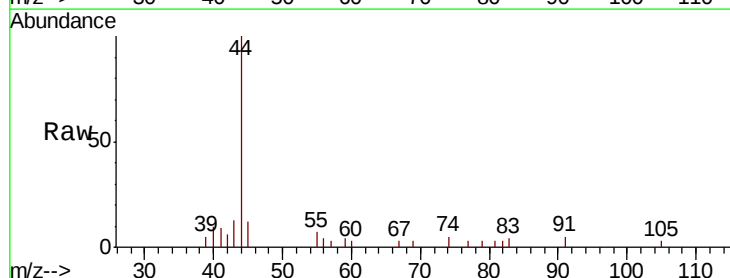
Acq: 23 May 2019 19:17

Tgt Ion: 74 Resp: 567

Ion Ratio Lower Upper

74 100

45 86.1 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

800

600

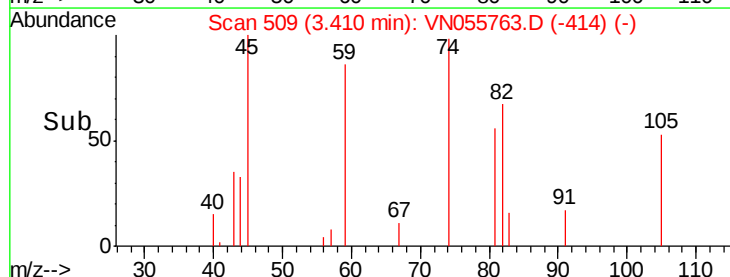
400

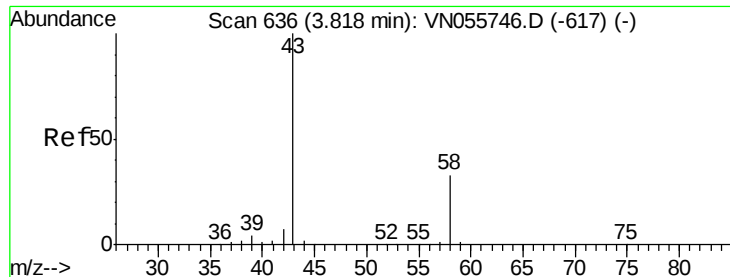
200

0

Time-->

3.36 3.38 3.40 3.42 3.44





#16

Acetone

Concen: 6.163 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

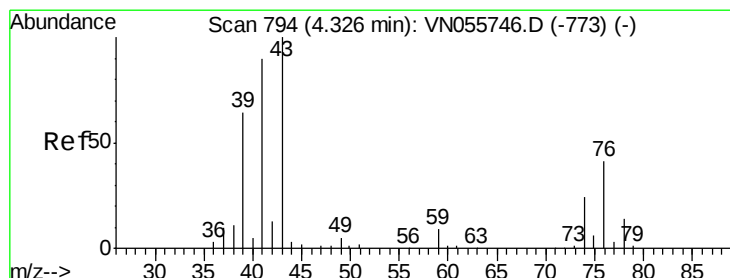
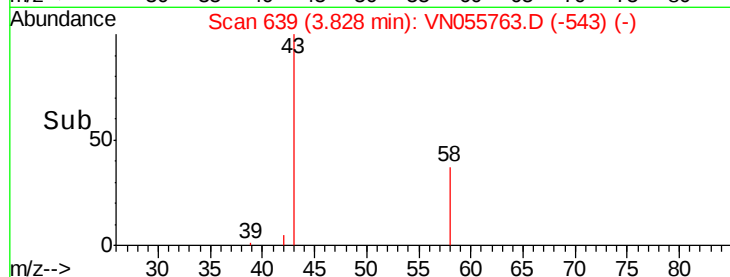
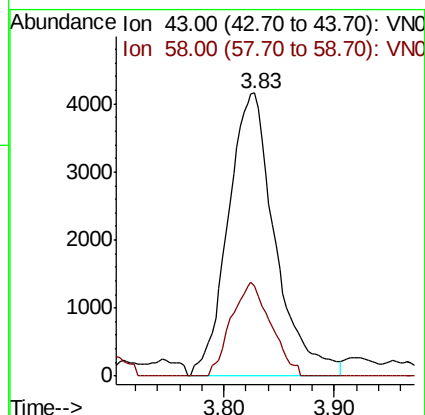
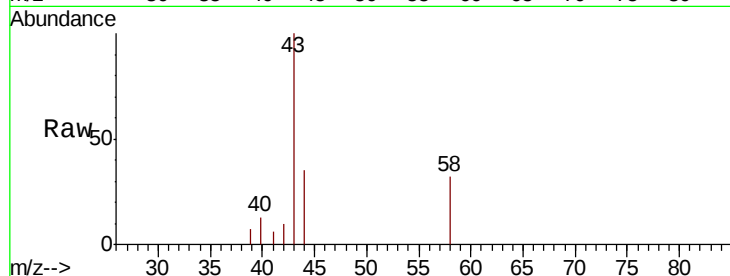
SU-03-052219-A

Tot Ion: 43 Resp: 12303

Ion Ratio Lower Upper

43 100

58 31.8 26.6 39.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055763.D

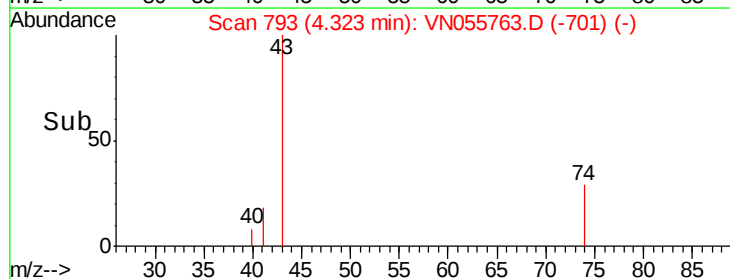
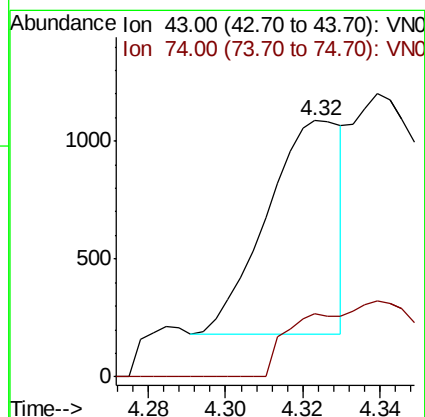
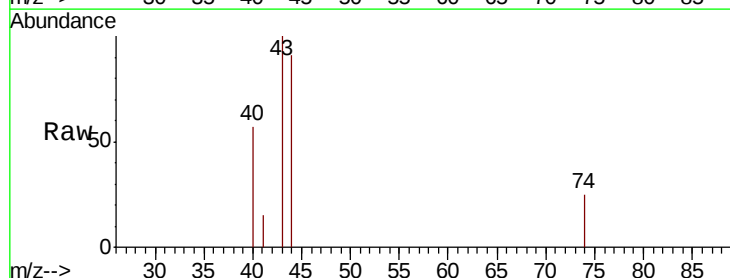
Acq: 23 May 2019 19:17

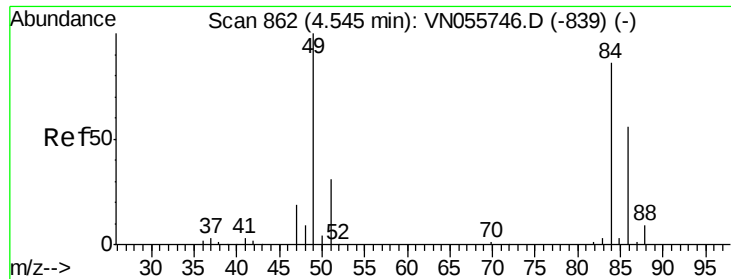
Tgt Ion: 43 Resp: 1215

Ion Ratio Lower Upper

43 100

74 55.4 19.3 28.9#

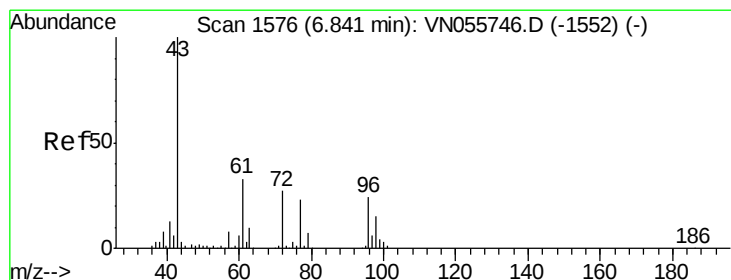
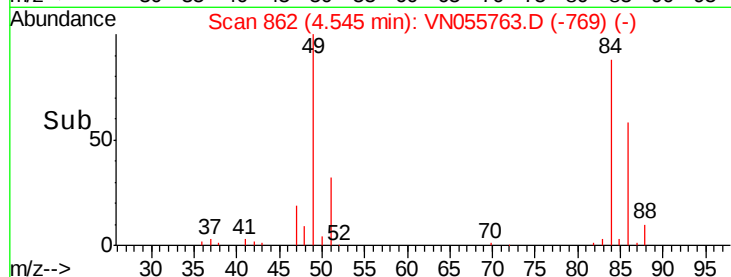
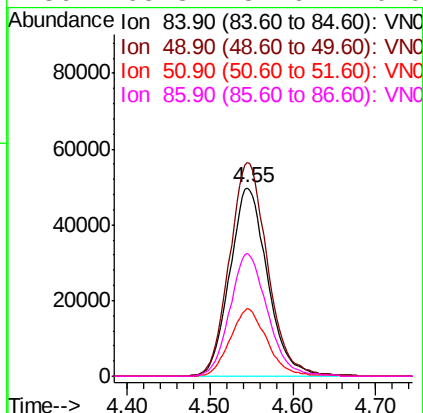
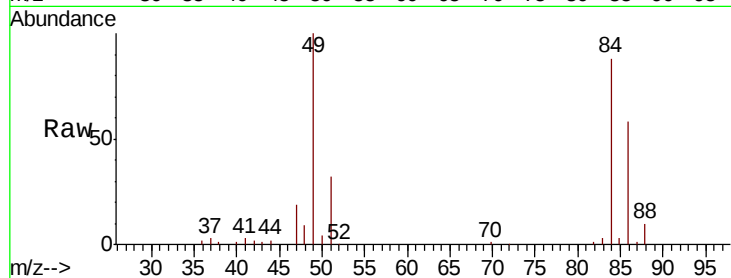




#20
Methvlene Chloride
Concen: 36.461 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

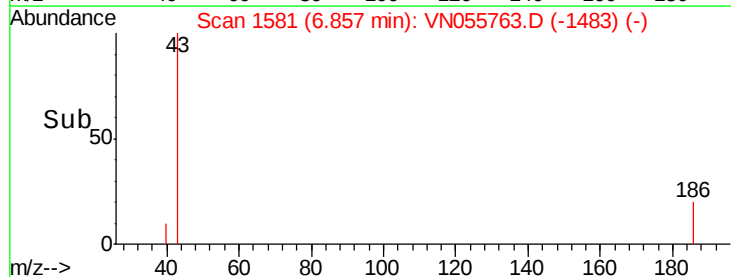
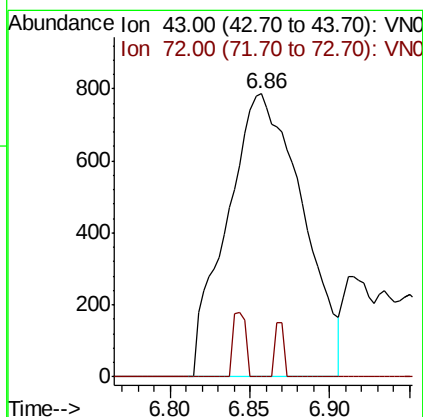
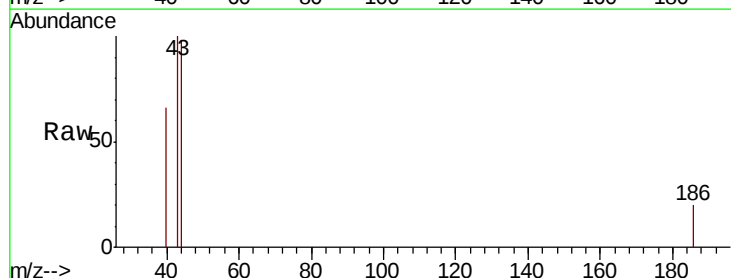
Instrument :
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SU-03-052219-A

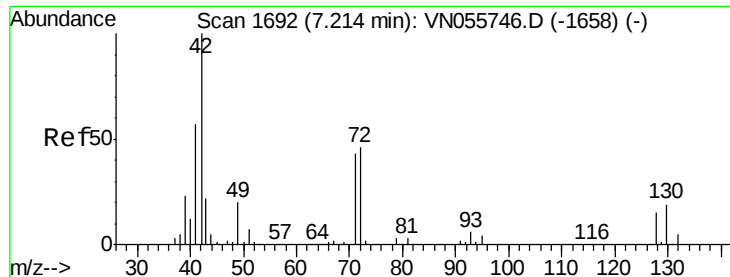
Tot Ion:	84	Resp:	157630
Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.5	140.3
51	35.7	28.6	43.0
86	65.3	52.6	79.0



#25
2-Butanone
Concen: 0.917 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

Tgt Ion:	43	Resp:	2556
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#





#29

Tetrahydrofuran

Concen: 0.647 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

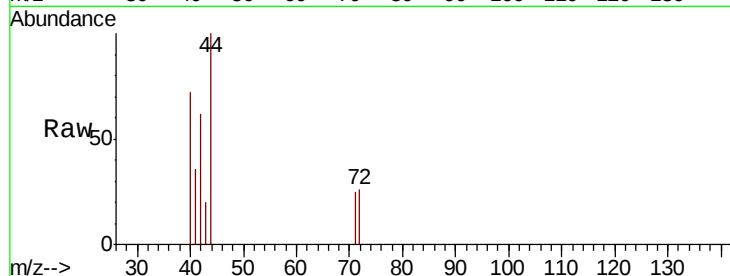
Tot Ion: 42 Resp: 1143

Ion Ratio Lower Upper

42 100

72 20.6 35.9 53.9#

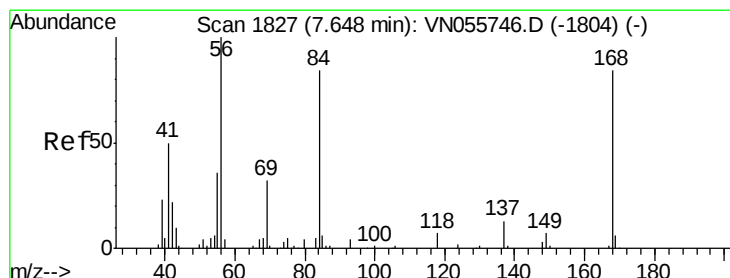
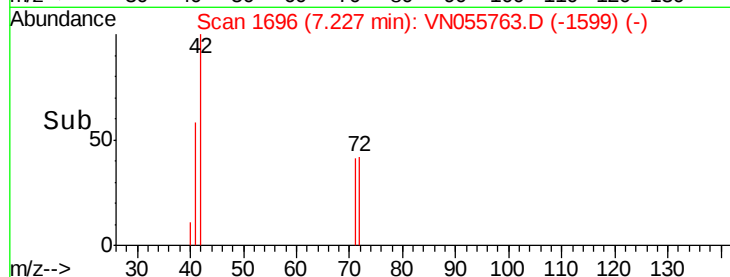
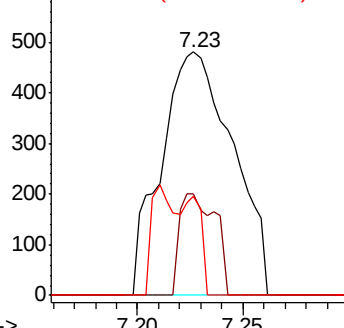
71 15.6 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.881 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

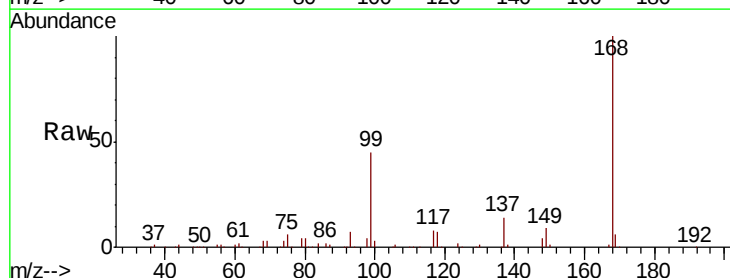
Tgt Ion: 56 Resp: 6004

Ion Ratio Lower Upper

56 100

69 195.6 25.6 38.4#

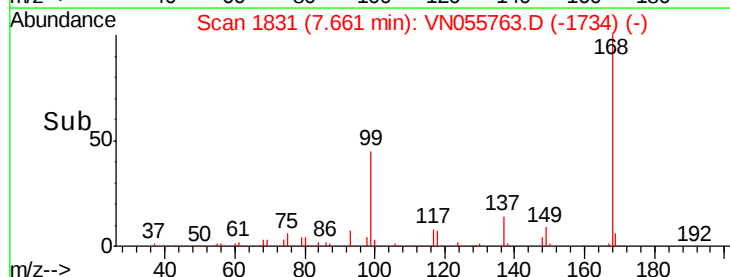
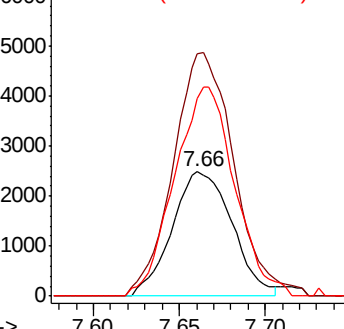
84 158.9 67.4 101.0#

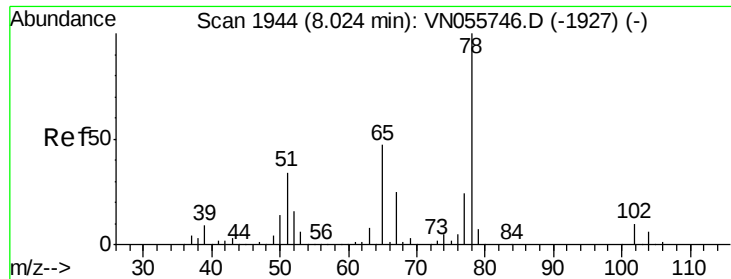


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

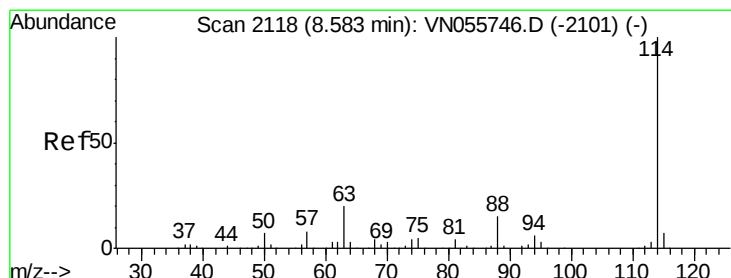
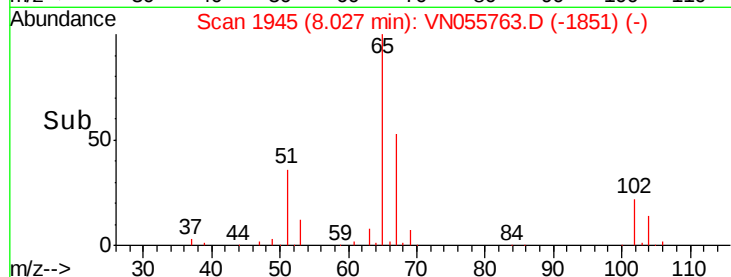
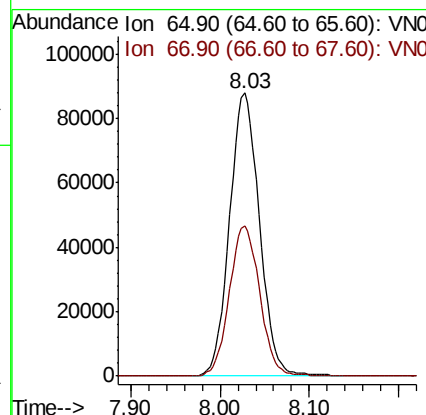
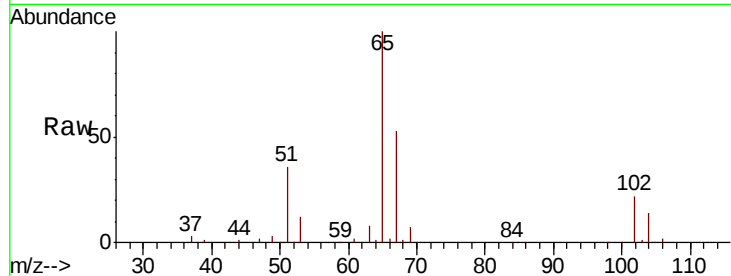




#33
 1,2-Dichloroethane-d4
 Concen: 44.984 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

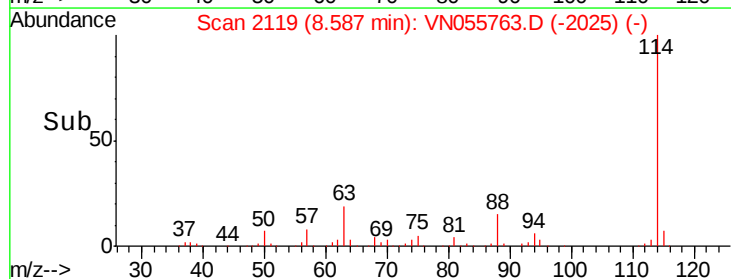
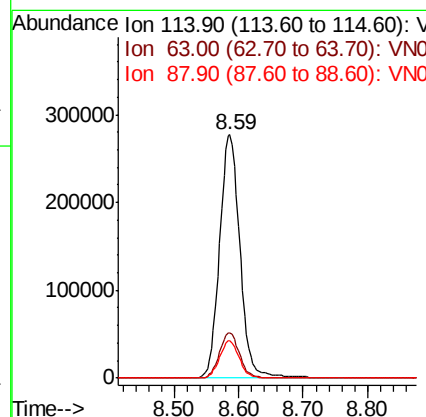
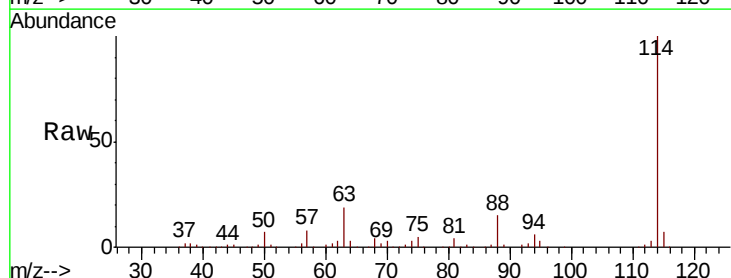
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 SU-03-052219-A

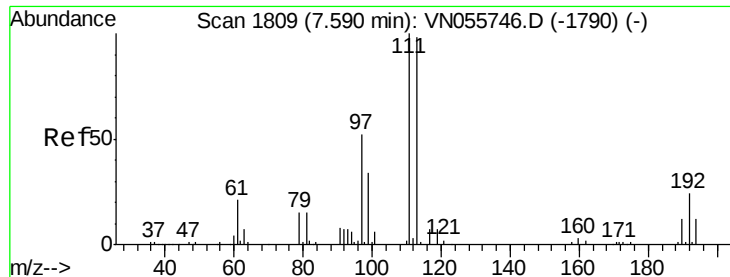
Tot Ion: 65 Resp: 204285
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Tgt Ion: 114 Resp: 608045
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.314 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

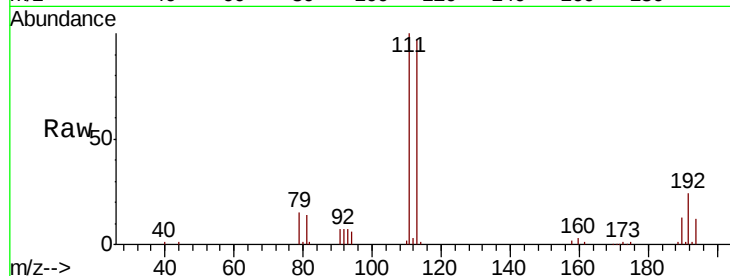
Tot Ion:113 Resp: 185733

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

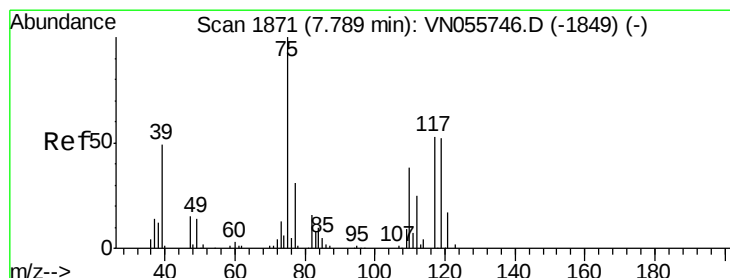
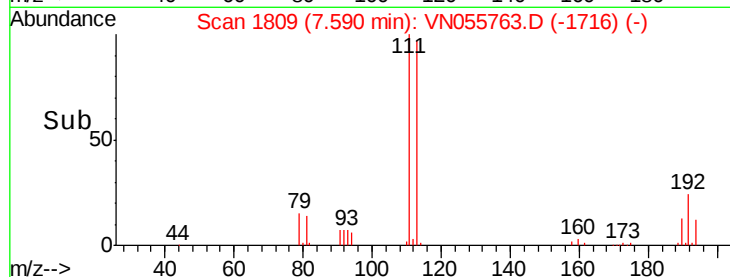
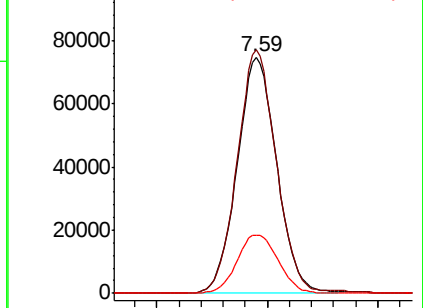
192 25.8 19.5 29.3



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: 4.571 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

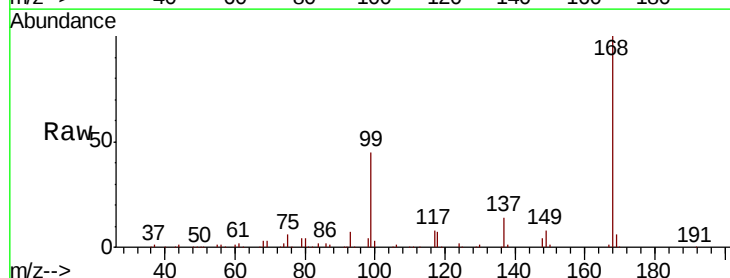
Tgt Ion: 75 Resp: 24219

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

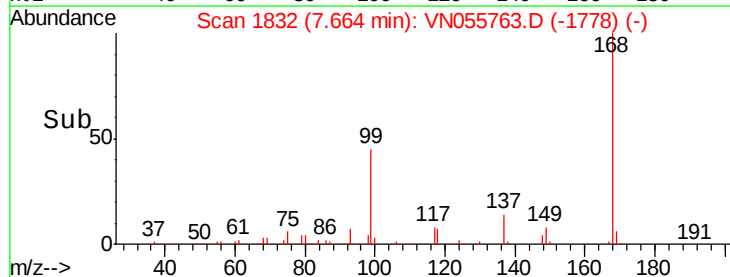
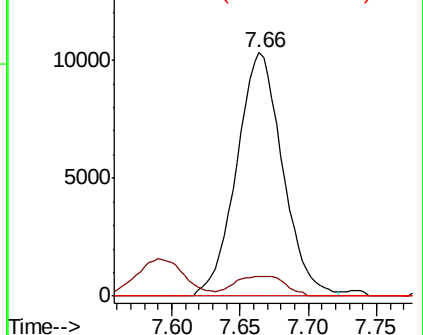
77 0.0 25.1 37.7#

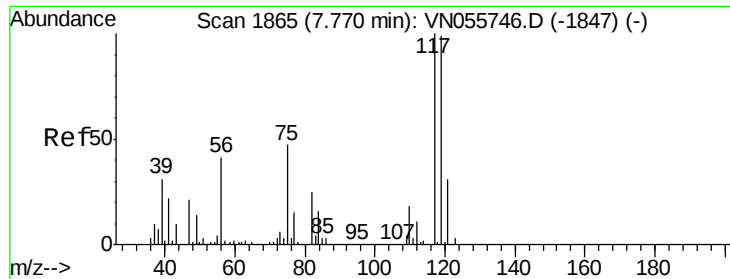


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

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SU-03-052219-A

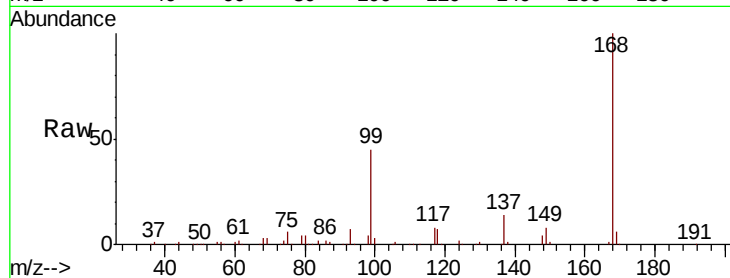
Tot Ion:117 Resp: 35187

Ion Ratio Lower Upper

117 100

119 5.5 79.0 118.6#

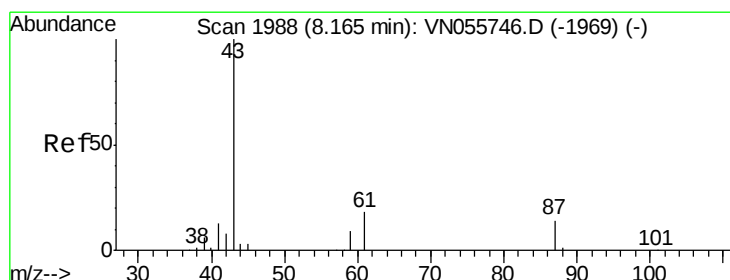
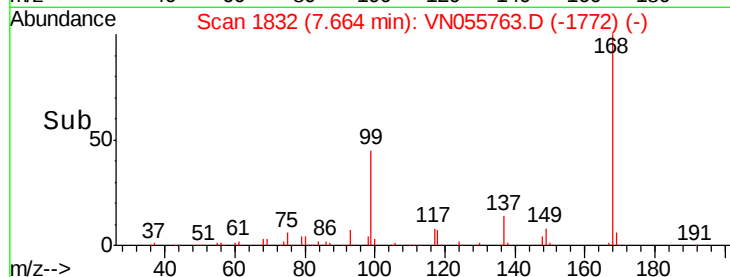
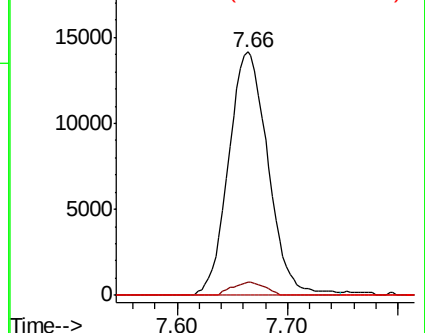
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.770 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

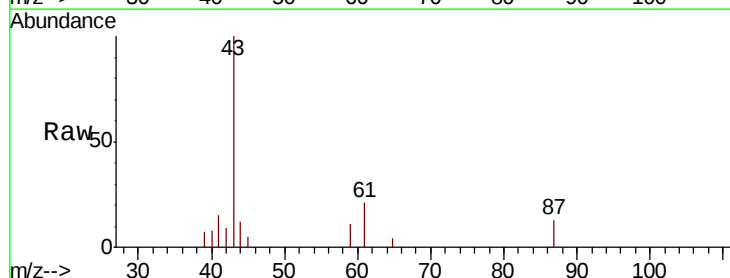
Tgt Ion: 43 Resp: 15234

Ion Ratio Lower Upper

43 100

61 19.9 22.2 33.4#

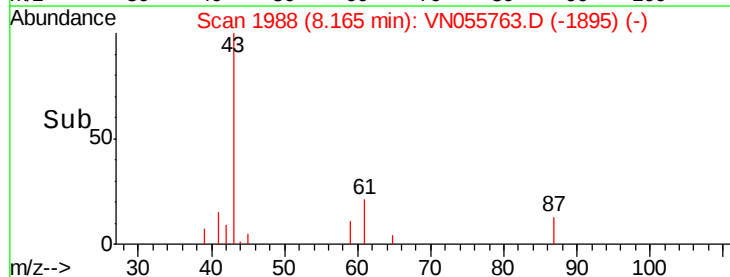
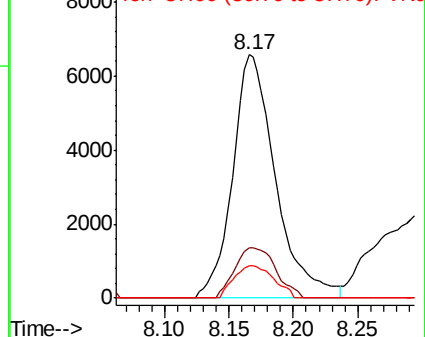
87 12.3 11.4 17.2

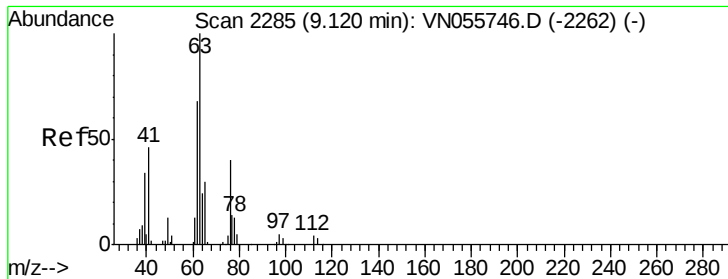


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.356 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

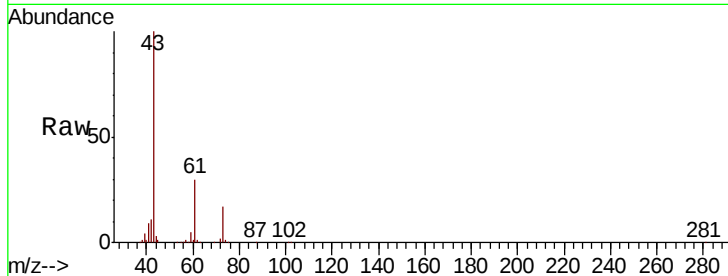
SU-03-052219-A

Tot Ion: 63 Resp: 1482

Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.27

800

600

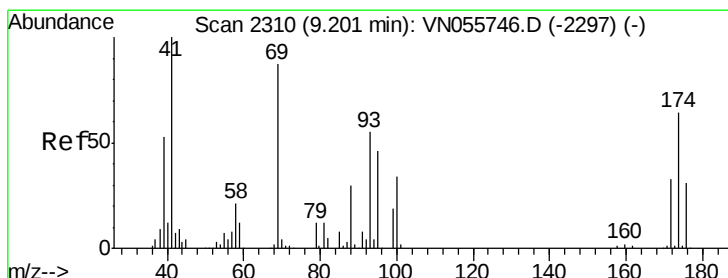
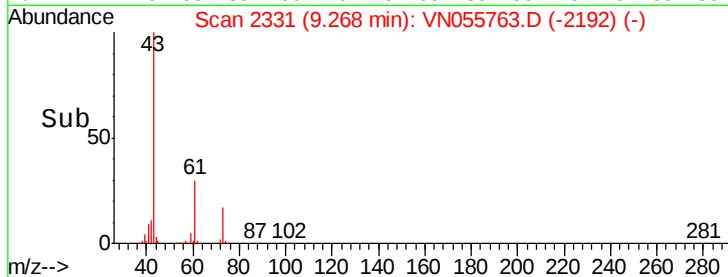
400

200

0

9.25 9.30

Time-->



#48

Methyl methacrylate

Concen: 2.035 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

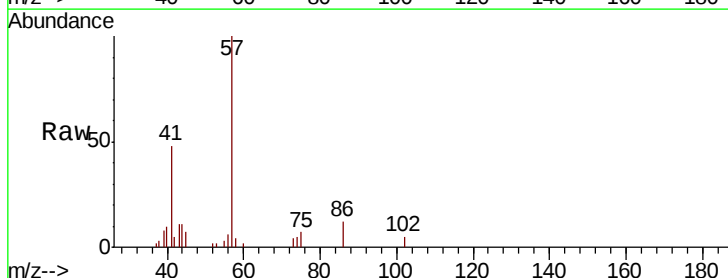
Tgt Ion: 41 Resp: 8071

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

39 0.0 44.2 66.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

80000

60000

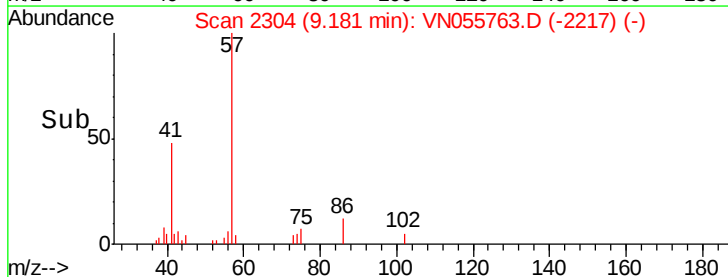
40000

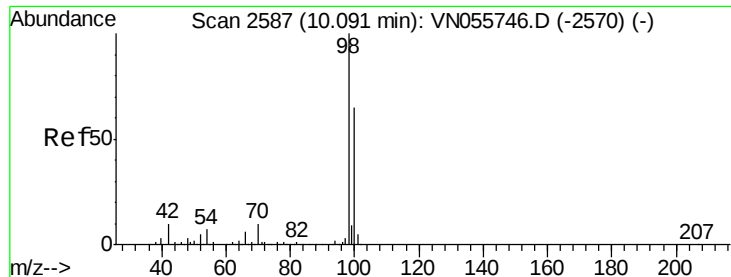
20000

0

9.15 9.20 9.25

Time-->





#50

Toluene-d8

Concen: 48.495 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

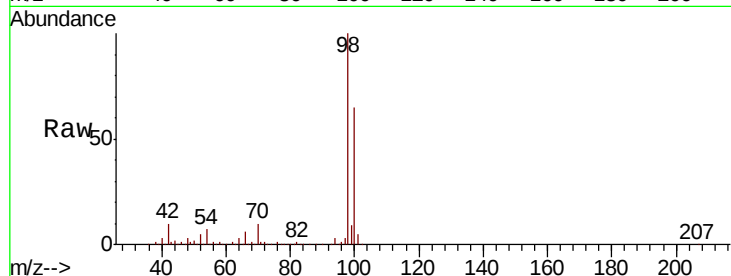
SU-03-052219-A

Tot Ion: 98 Resp: 715121

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

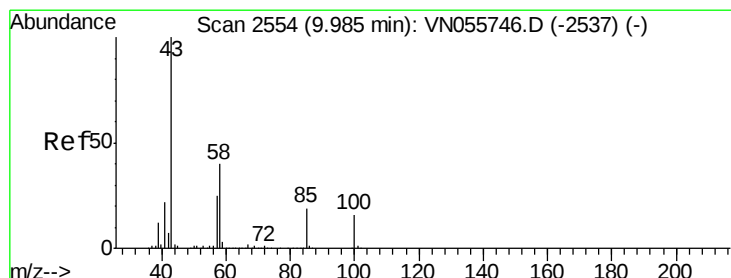
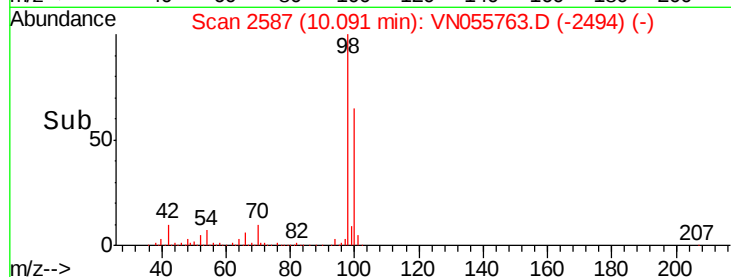
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.891 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055763.D

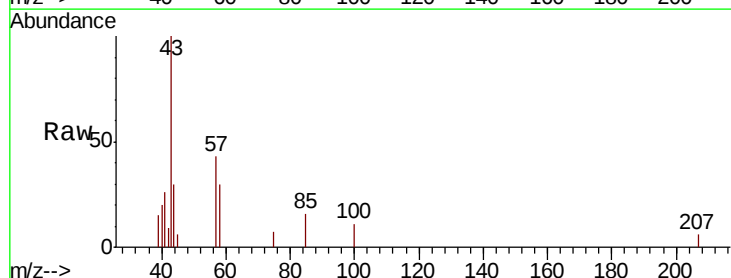
Acq: 23 May 2019 19:17

Tgt Ion: 43 Resp: 4526

Ion Ratio Lower Upper

43 100

58 36.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

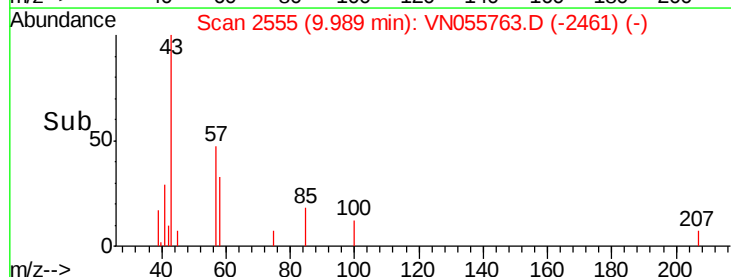
3000

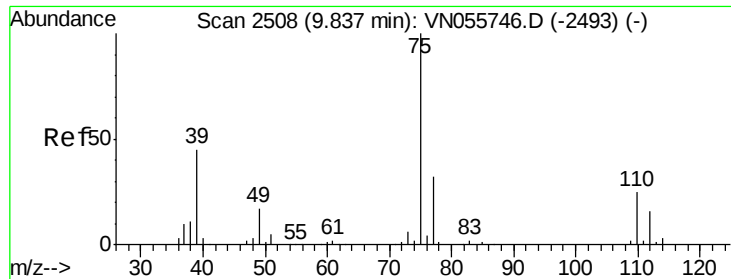
2000

1000

0

Time-->



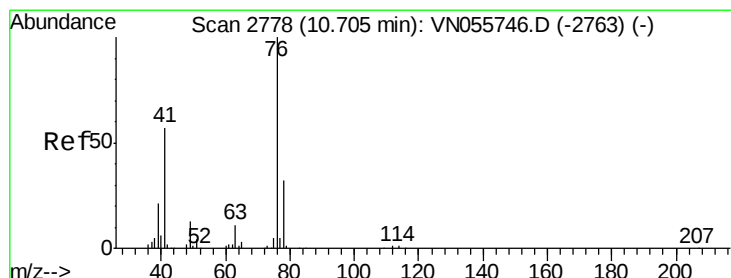
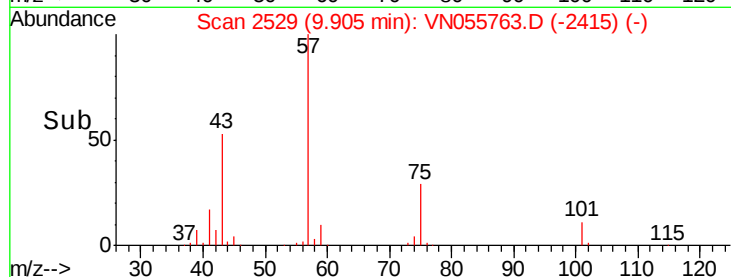
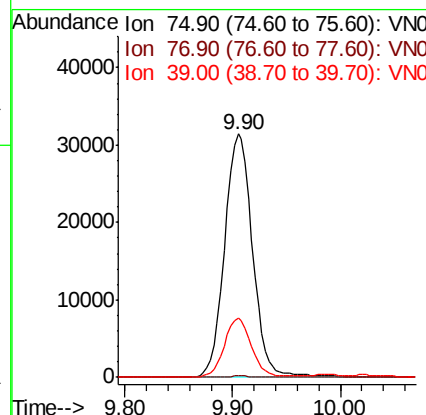
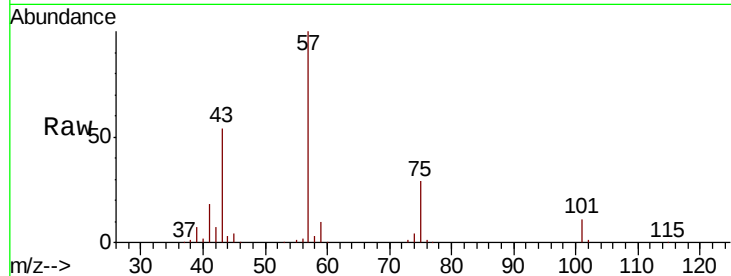


#54

cis-1,3-Dichloropropene
 Concen: 8.571 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

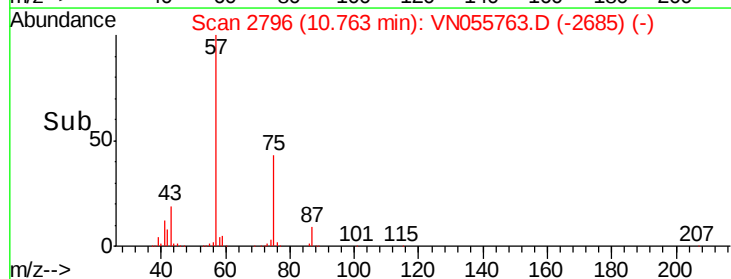
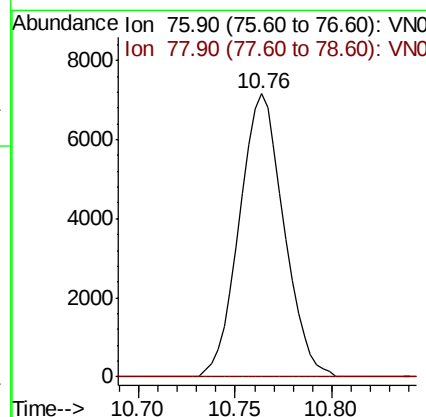
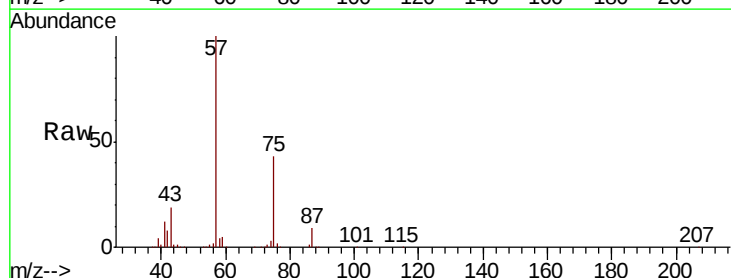
Tot Ion: 75 Resp: 56711
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 24.3 36.3 54.5#

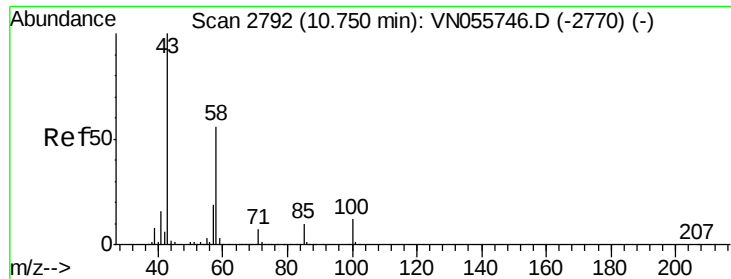


#57

1,3-Dichloropropane
 Concen: 1.751 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Tgt Ion: 76 Resp: 11451
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

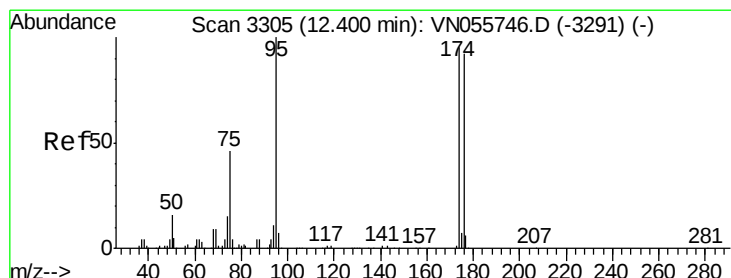
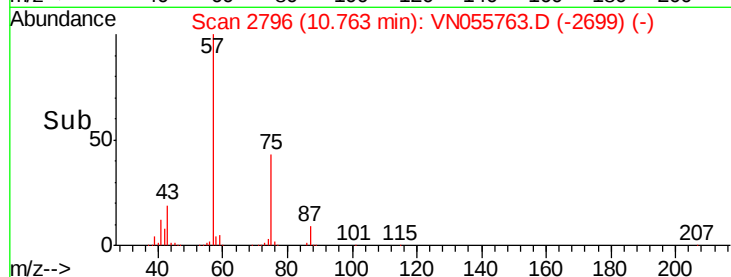
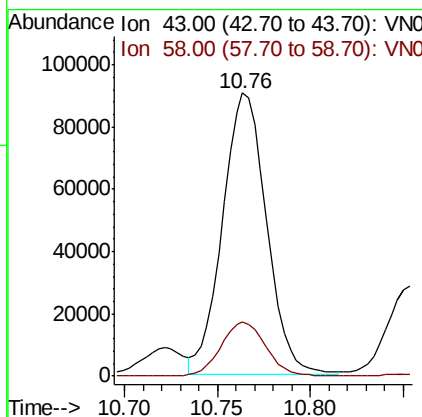
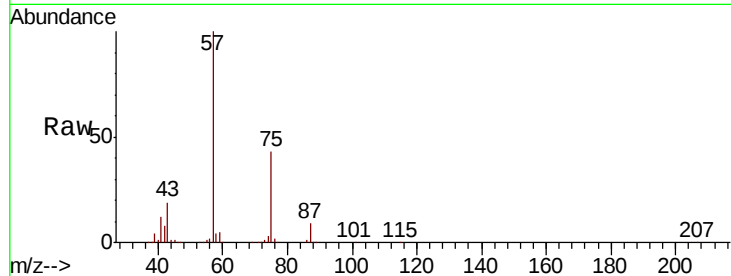




#59
2-Hexanone
Concen: 41.526 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

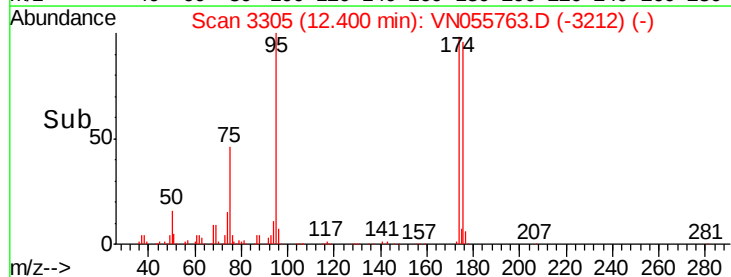
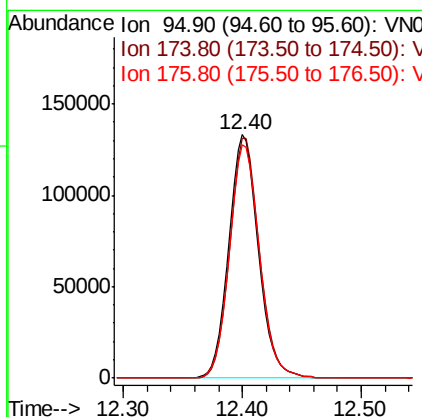
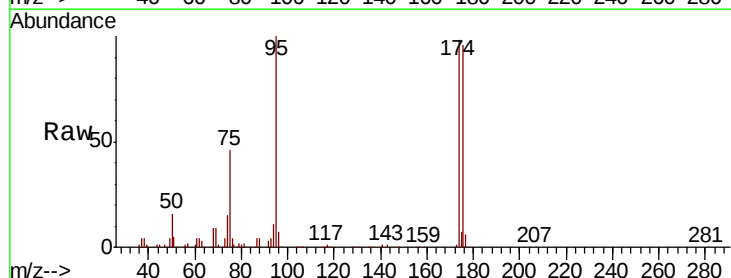
Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-A

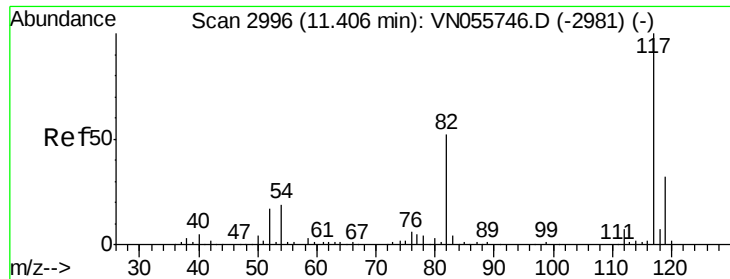
Tot Ion: 43 Resp: 149709
Ion Ratio Lower Upper
43 100
58 19.6 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 45.305 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055763.D
Acq: 23 May 2019 19:17

Tgt Ion: 95 Resp: 229075
Ion Ratio Lower Upper
95 100
174 98.9 0.0 191.0
176 97.3 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

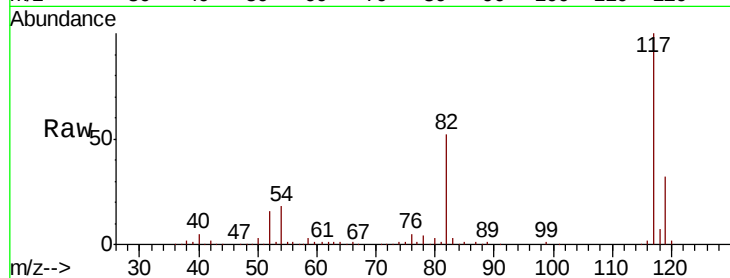
Tot Ion:117 Resp: 541606

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

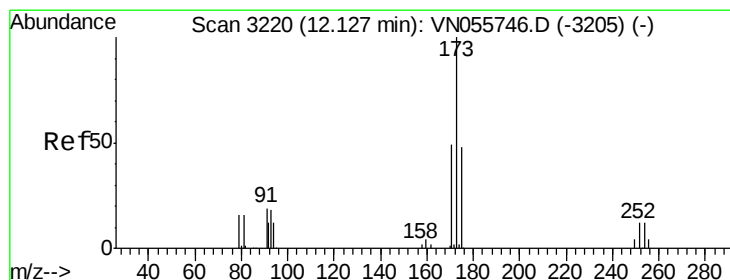
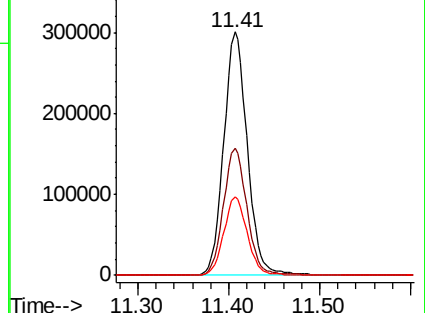
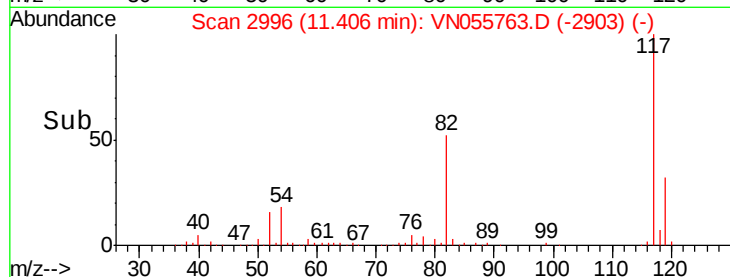
119 32.2 25.4 38.0



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: 0.416 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

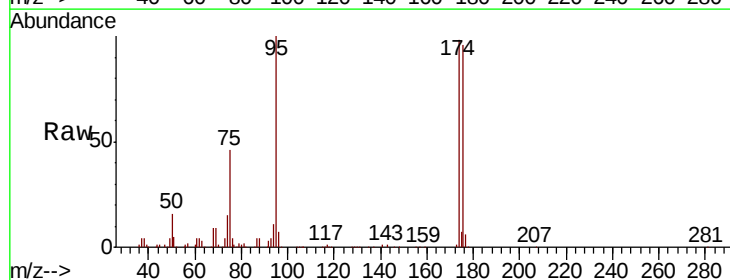
Tgt Ion:173 Resp: 1533

Ion Ratio Lower Upper

173 100

175 918.8 24.3 72.8#

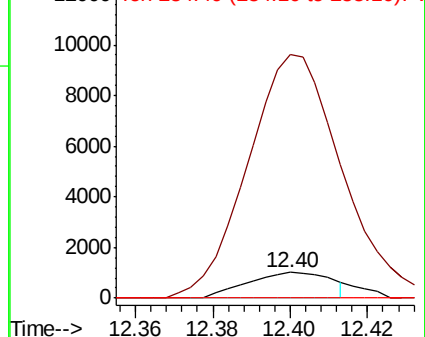
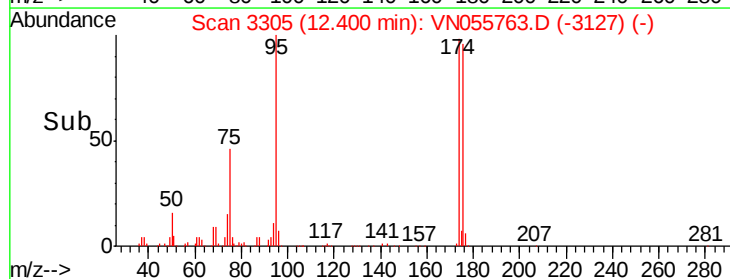
254 0.0 0.0 0.0

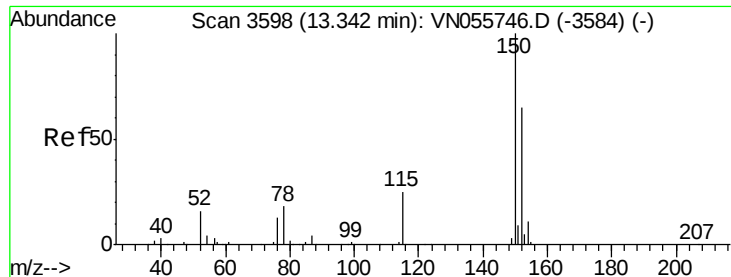


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



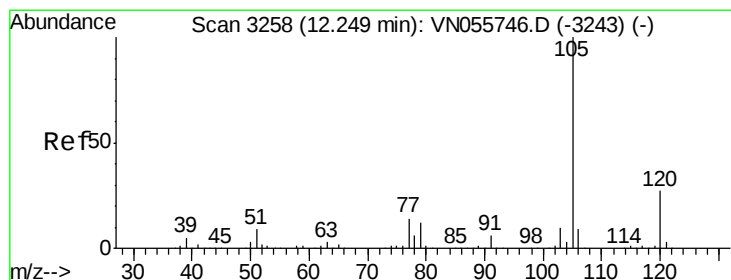
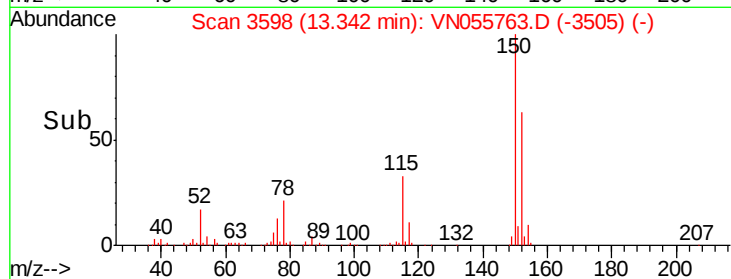
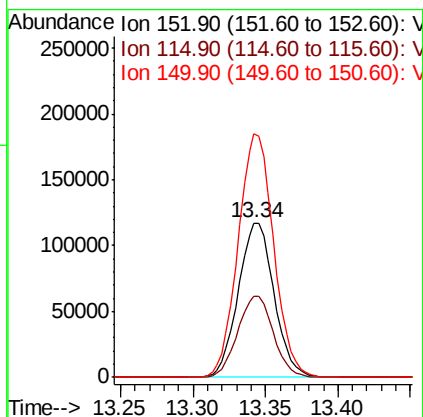
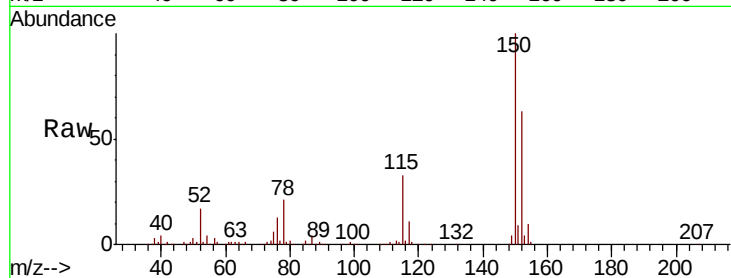


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

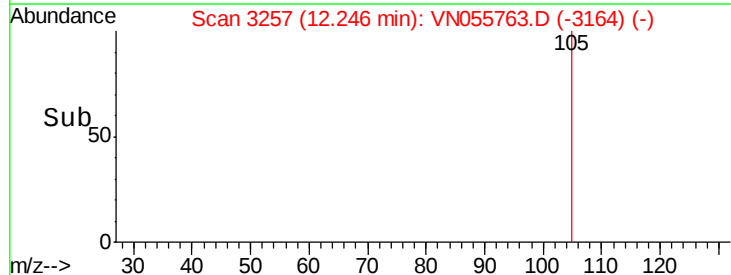
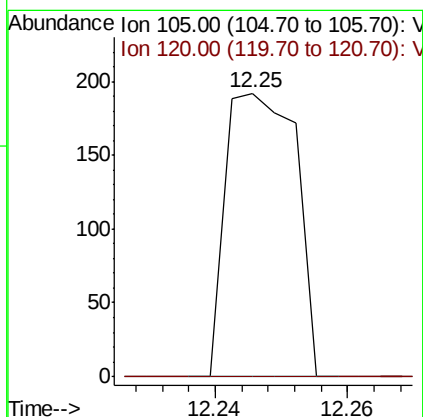
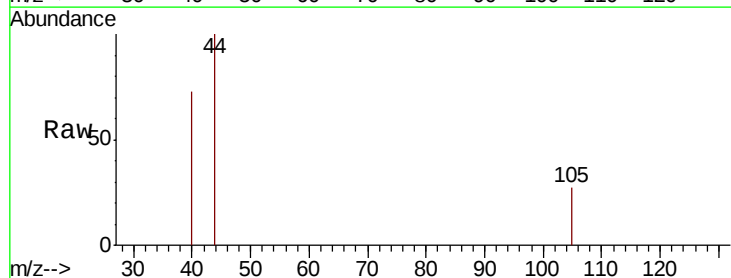
Tot Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.0	81.0
150	156.9	0.0	343.2

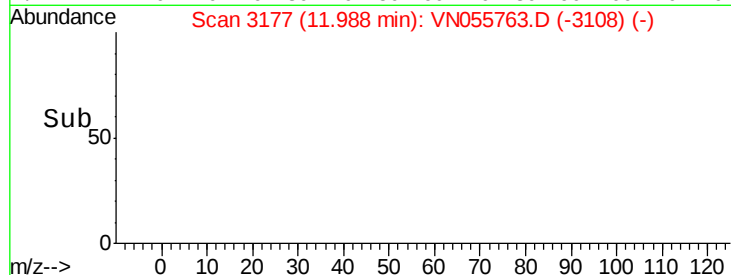
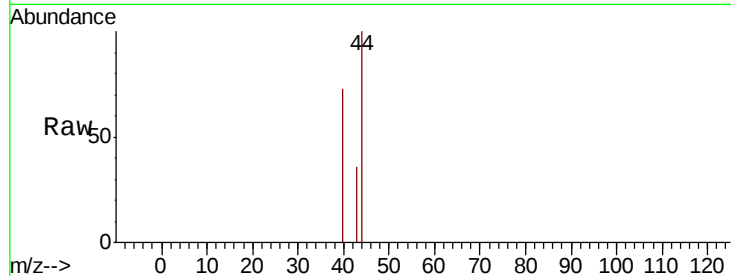
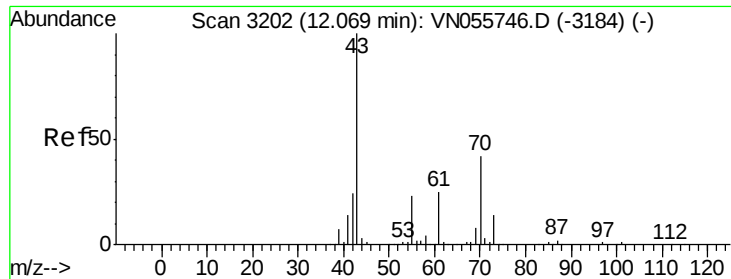


#73

Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#





#74

N-amvl acetate

Concen: Below Cal

RT: 11.99 min Scan# 3177

Delta R.T. -0.08 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

Tot Ion: 43 Resp: 736

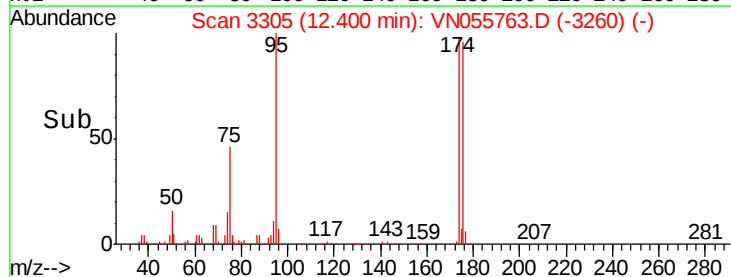
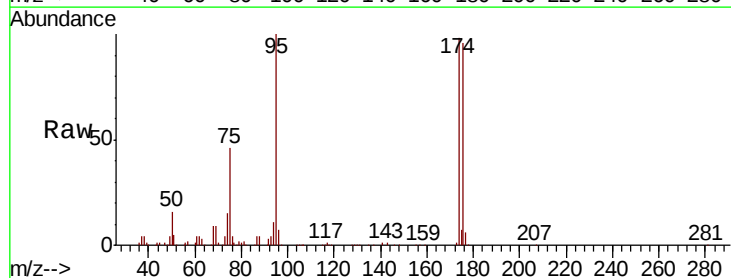
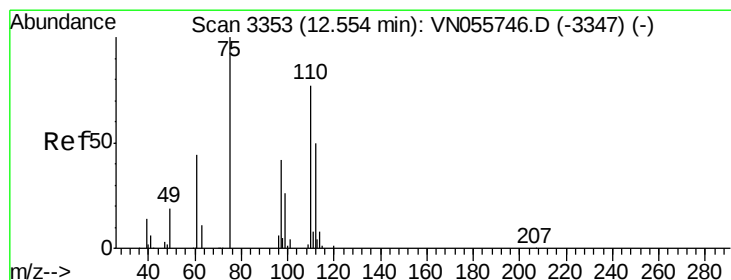
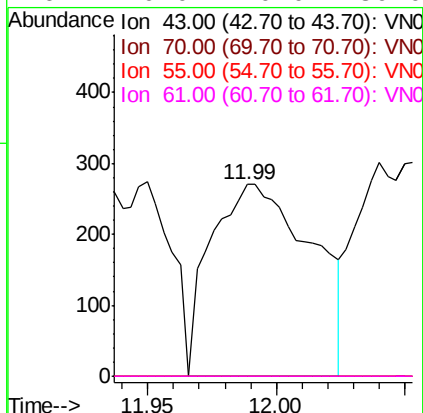
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 29.090 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055763.D

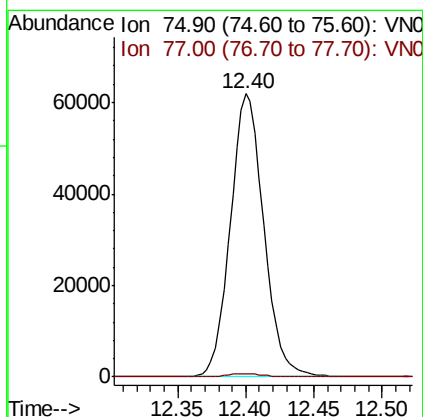
Acq: 23 May 2019 19:17

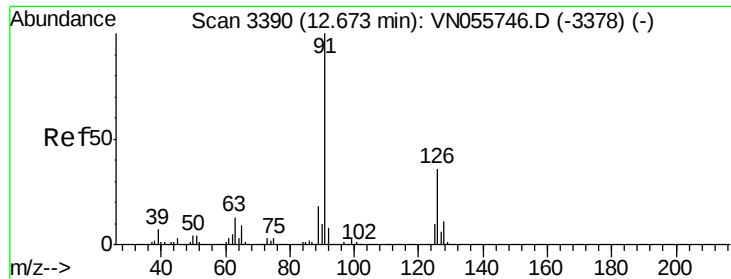
Tgt Ion: 75 Resp: 105289

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

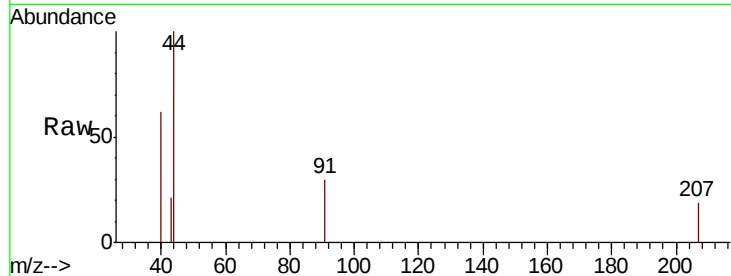
SU-03-052219-A

Tot Ion: 91 Resp: 204

Ion Ratio Lower Upper

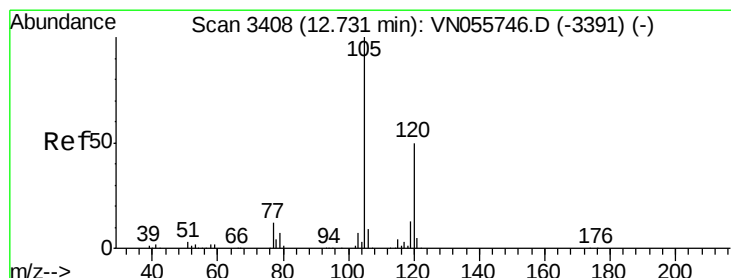
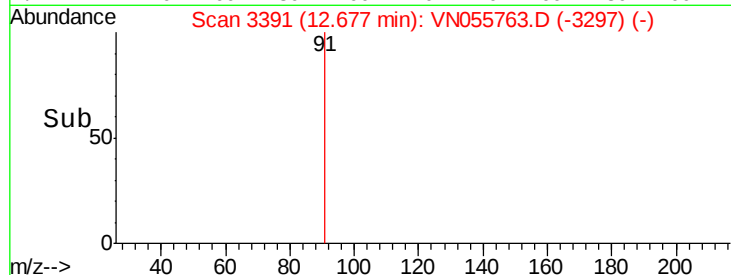
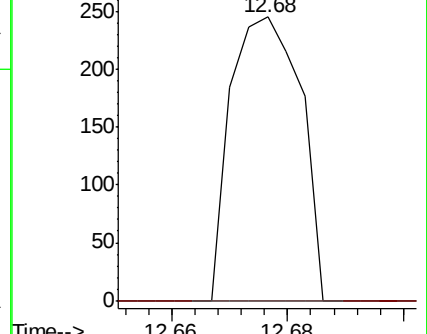
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055763.D

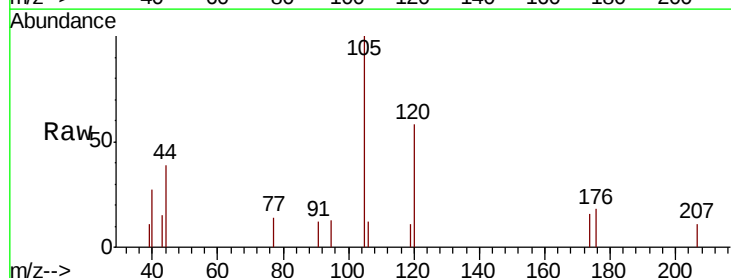
Acq: 23 May 2019 19:17

Tgt Ion: 105 Resp: 2930

Ion Ratio Lower Upper

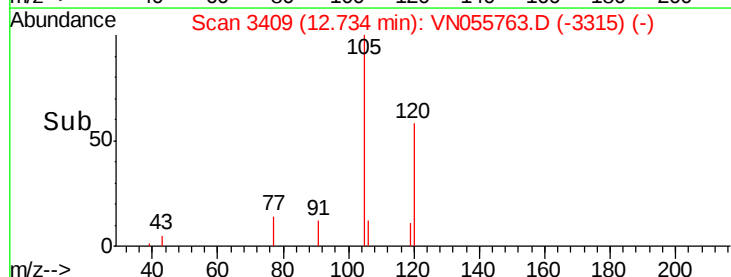
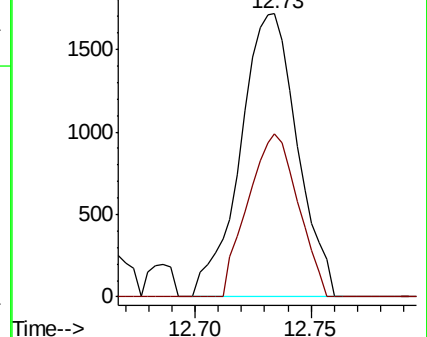
105 100

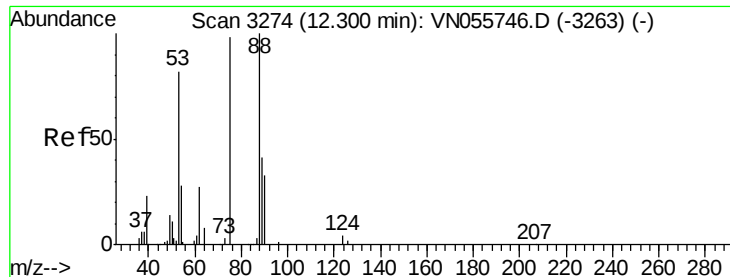
120 50.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.447 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

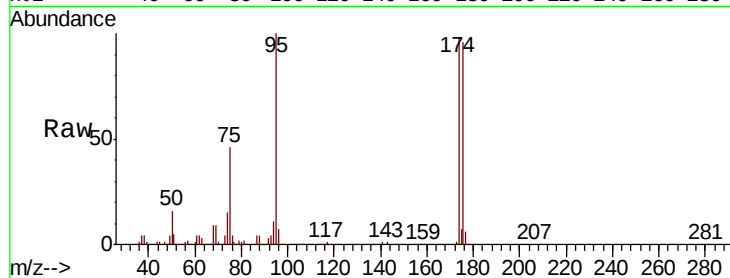
Tot Ion: 75 Resp: 105289

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

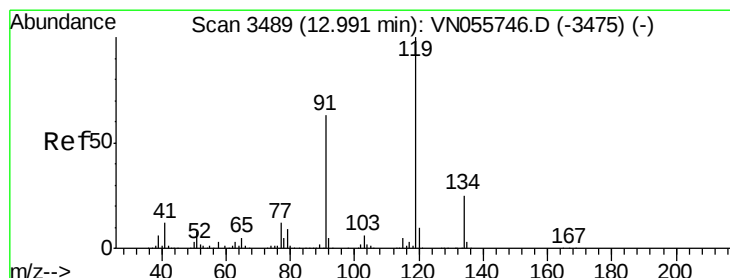
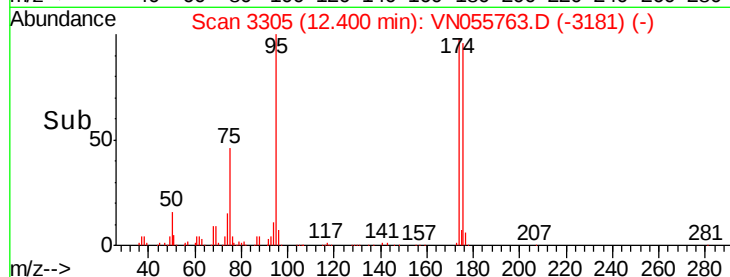
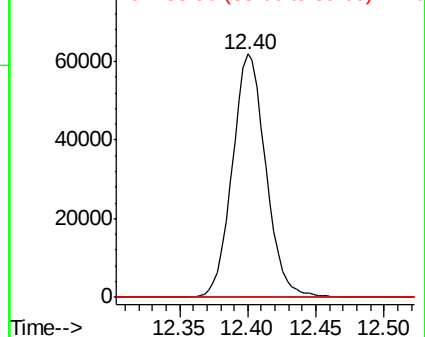


Abundance

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



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

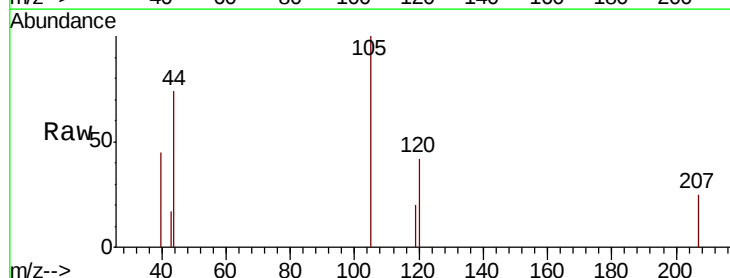
Tgt Ion: 119 Resp: 145

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

134 0.0 13.3 39.8#

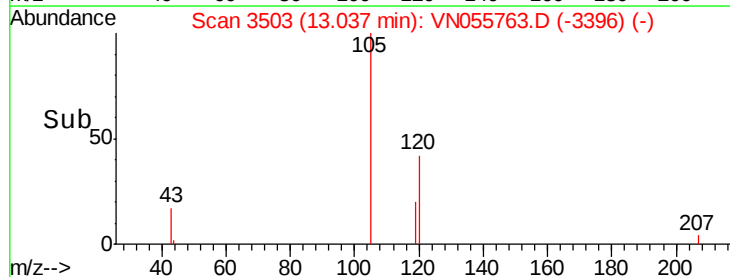
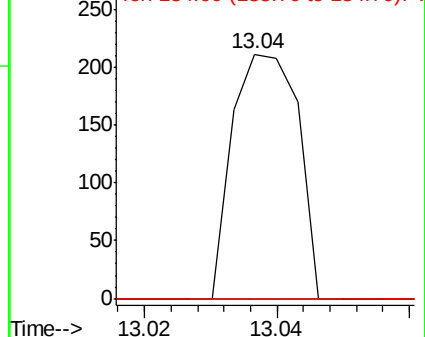


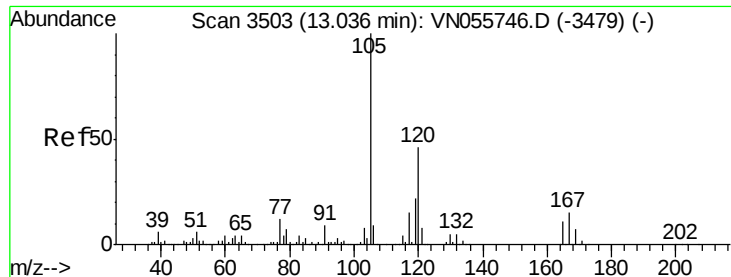
Abundance

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

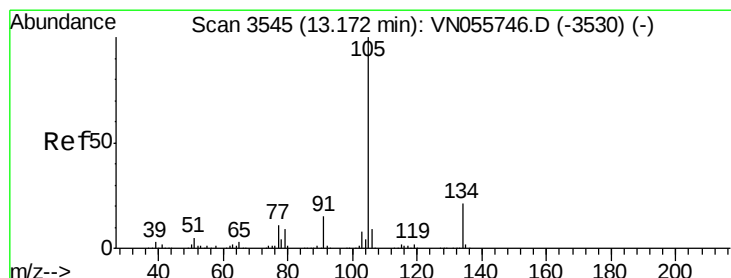
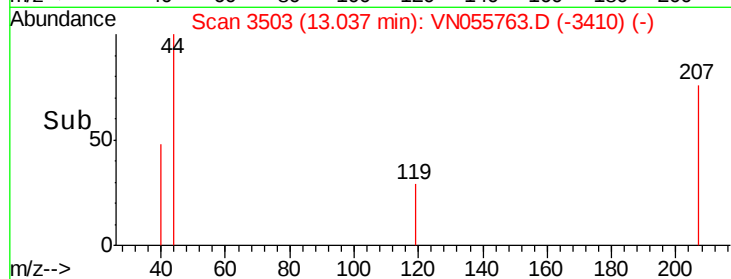
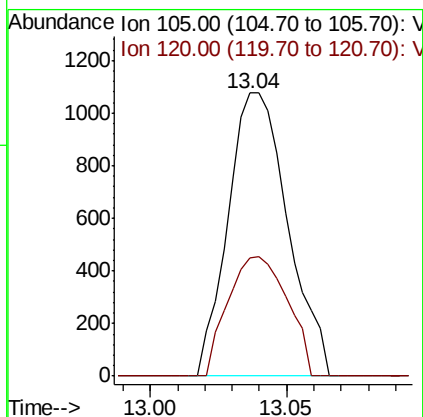
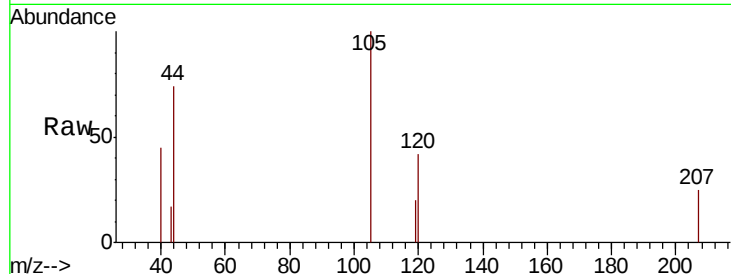




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

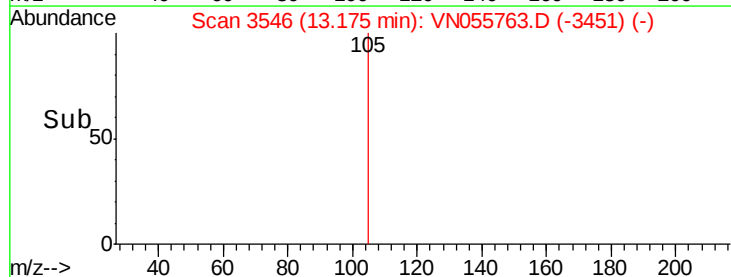
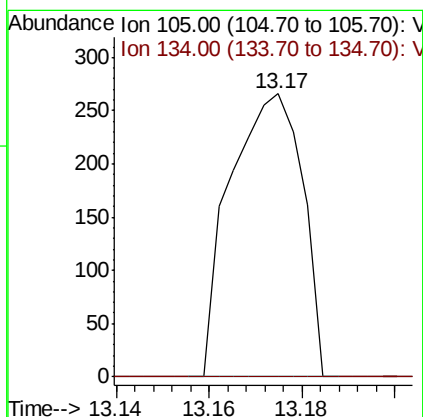
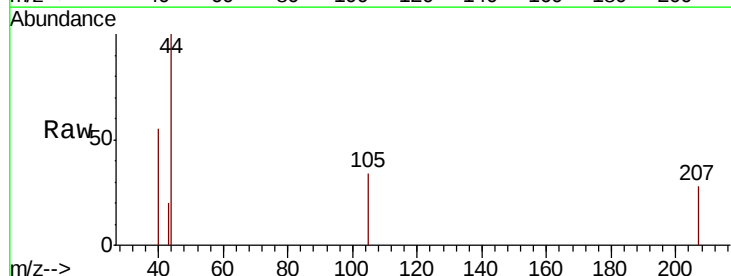
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-A

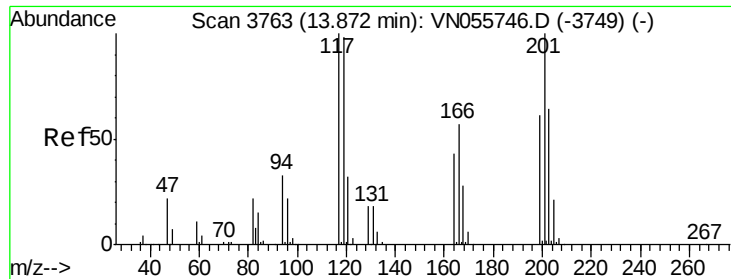
Tot Ion:105 Resp: 1638
 Ion Ratio Lower Upper
 105 100
 120 42.1 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN055763.D
 Acq: 23 May 2019 19:17

Tgt Ion:105 Resp: 288
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





#90

Hexachloroethane

Concen: 0.283 ug/l

RT: 13.99 min Scan# 3800

Delta R.T. 0.12 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

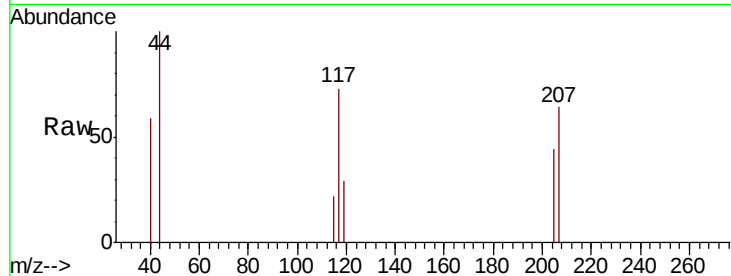
SU-03-052219-A

Tot Ion:117 Resp: 753

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.99

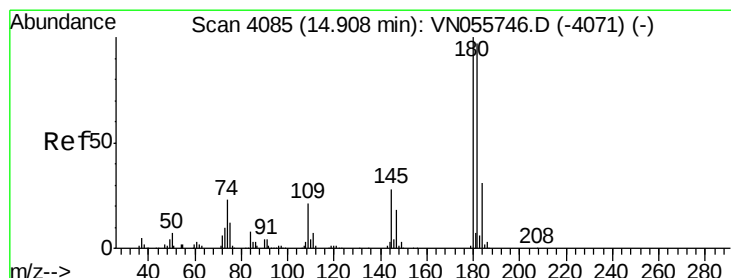
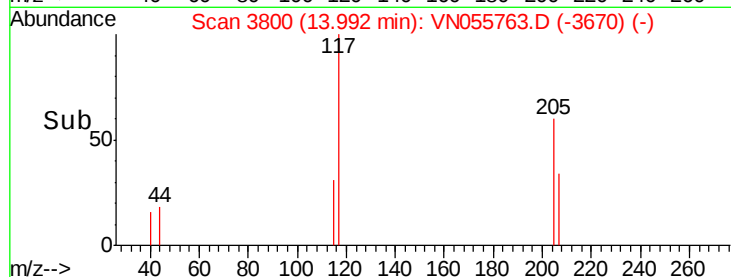
600

400

200

0

Time--> 13.96 13.98 14.00 14.02



#93

1,2,4-Trichlorobenzene

Concen: 3.644 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

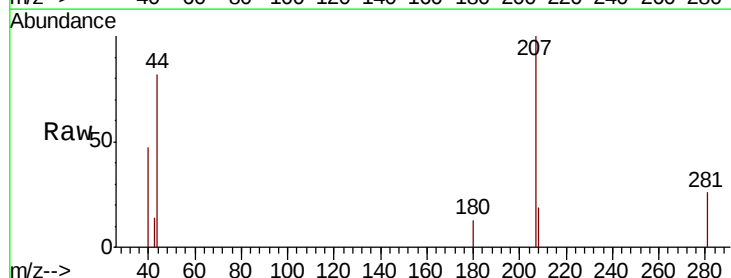
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 100.0 48.3 144.9

145 0.0 14.0 41.9#



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

14.91

200

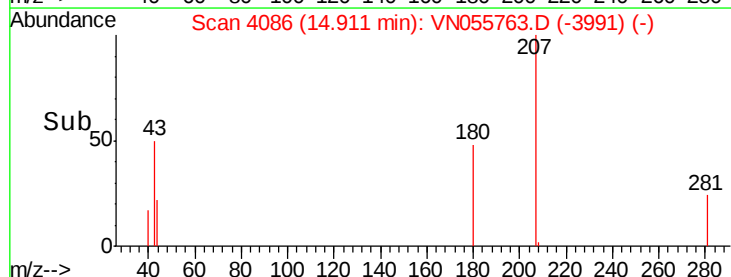
150

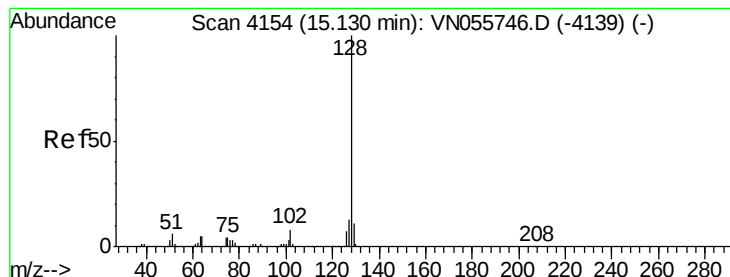
100

50

0

Time--> 14.90 14.91 14.92





#95

Naphthalene

Concen: 0.323 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055763.D

Acq: 23 May 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-A

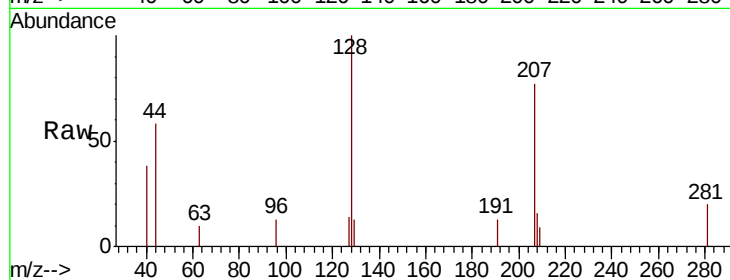
Tot Ion:128 Resp: 3009

Ion Ratio Lower Upper

128 100

127 6.7 10.3 15.5#

129 4.8 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

