

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055762.D
 Acq On : 23 May 2019 18:51
 Operator : JC/SP
 Sample : K2647-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 24 06:50:36 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

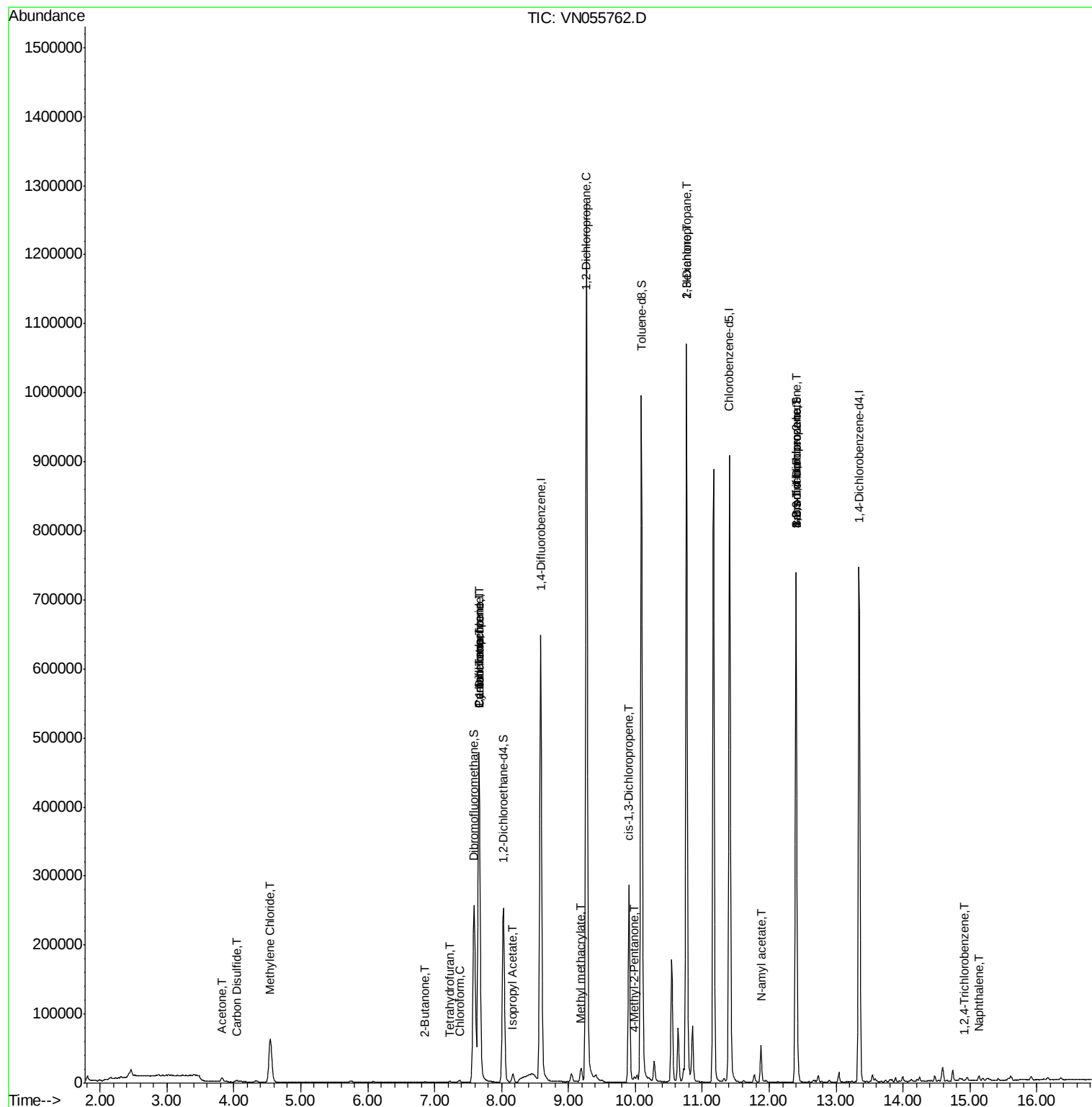
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	468415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	643047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	214511	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	7.59	113	195858	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.09	98	761327	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	252206	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	9656	4.541	ug/l	95
17) Carbon Disulfide	4.04	76	5026	0.444	ug/l	99
18) Methyl Acetate	4.34	43	4506	Below Cal	#	71
20) Methylene Chloride	4.55	84	50850	11.042	ug/l	97
25) 2-Butanone	6.86	43	2137	0.720	ug/l	97
29) Tetrahydrofuran	7.22	42	1160	0.617	ug/l #	45
30) Chloroform	7.37	83	3826	0.496	ug/l	95
31) Cyclohexane	7.66	56	6585	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	25895	4.621	ug/l #	48
38) Carbon Tetrachloride	7.66	117	36918	6.325	ug/l #	15
43) Isopropyl Acetate	8.17	43	14861	1.633	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1537	0.349	ug/l #	44
48) Methyl methacrylate	9.18	41	8188	1.952	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4835	0.900	ug/l	89
54) cis-1,3-Dichloropropene	9.91	75	57939	8.280	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	12122	1.753	ug/l #	42
59) 2-Hexanone	10.76	43	152614	40.027	ug/l #	50
71) Bromoform	12.40	173	1802	0.453	ug/l #	1
73) Isopropylbenzene	12.25	105	377	Below Cal	#	48
74) N-amyl acetate	11.88	43	15912	0.307	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	117399	28.485	ug/l #	100
79) 2-Chlorotoluene	12.67	91	335	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	5177	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	117399	69.132	ug/l #	15
83) tert-Butylbenzene	13.04	119	1020	Below Cal	#	73
84) 1,2,4-Trimethylbenzene	13.04	105	9359	Below Cal		98
85) sec-Butylbenzene	13.17	105	873	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	183	3.675	ug/l #	25
95) Naphthalene	15.13	128	7127	0.674	ug/l #	97

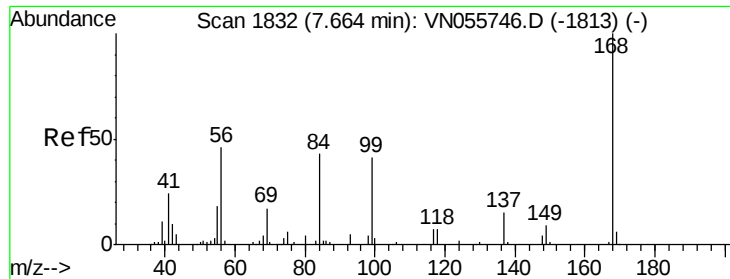
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
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Quant Title : SW846 8260
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: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

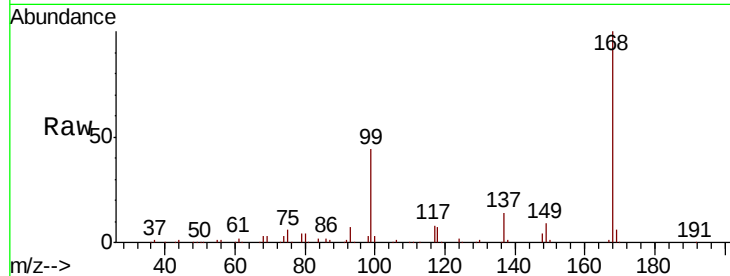
SU-03-052219-B

Tot Ion:168 Resp: 468415

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

200000

150000

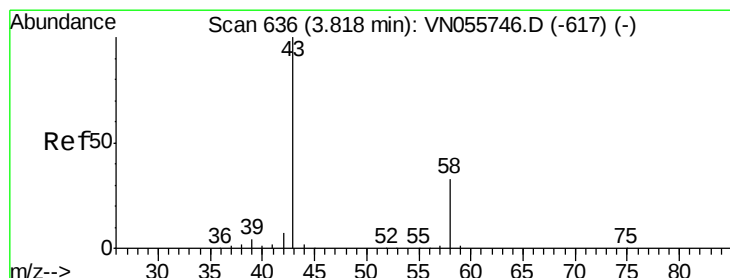
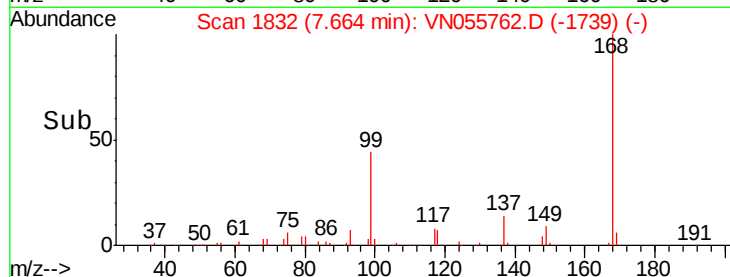
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.541 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055762.D

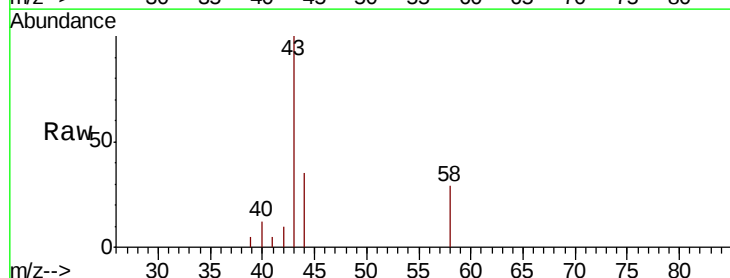
Acq: 23 May 2019 18:51

Tgt Ion: 43 Resp: 9656

Ion Ratio Lower Upper

43 100

58 30.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-617) (-)

3.82

4000

3000

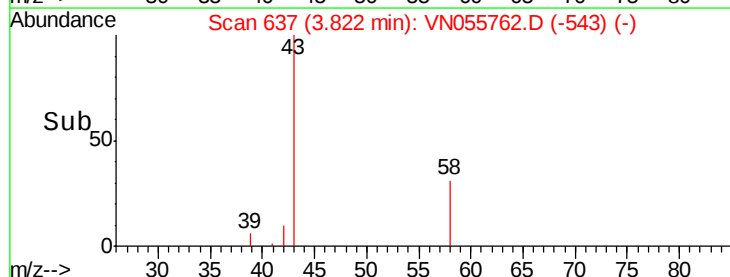
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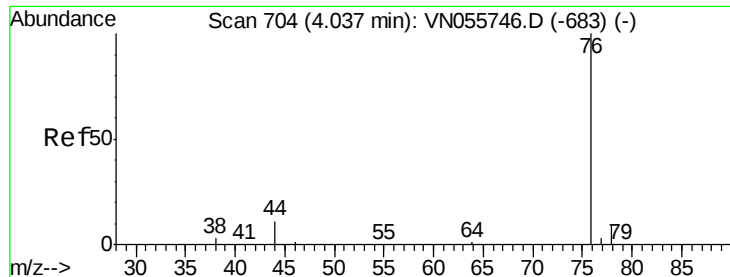
1000

0

3.75 3.80 3.85 3.90

Time-->

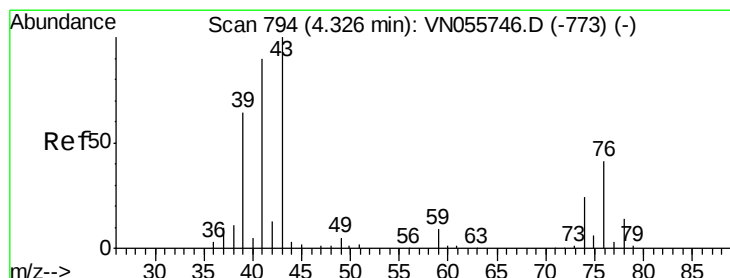
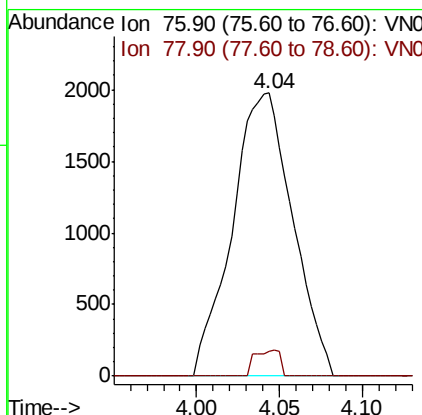
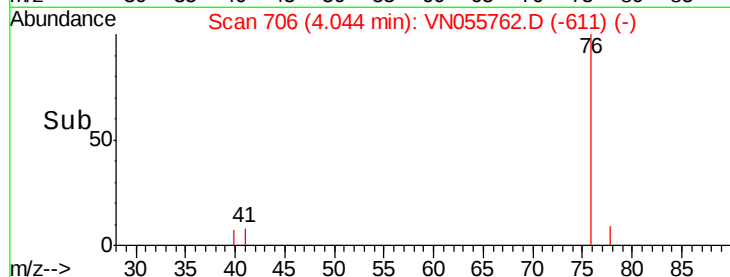
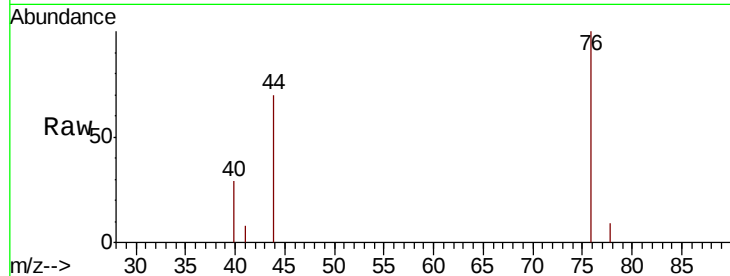




#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.01 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

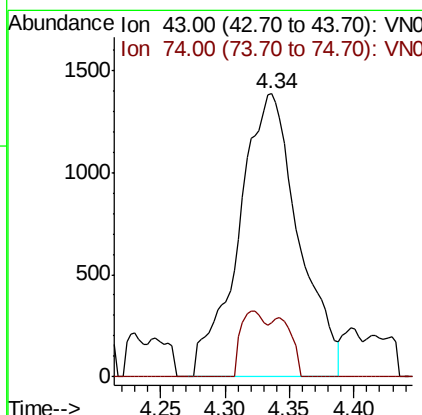
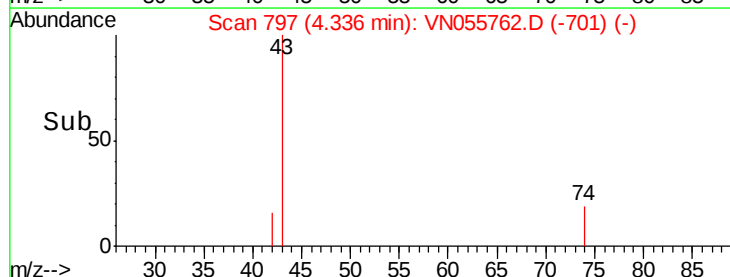
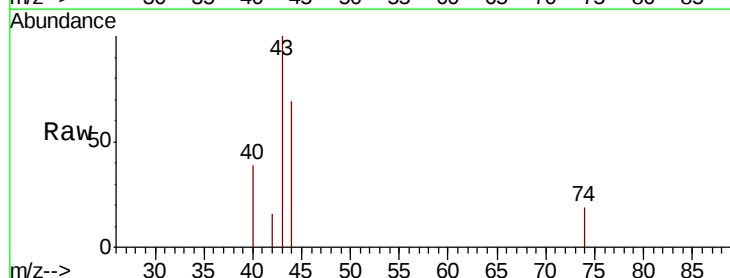
Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-B

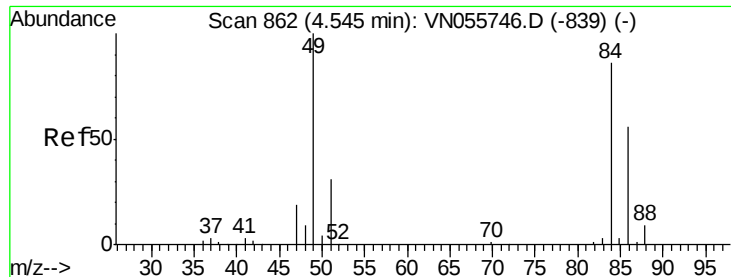
Tot Ion: 76 Resp: 5026
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
74 9.6 19.3 28.9#

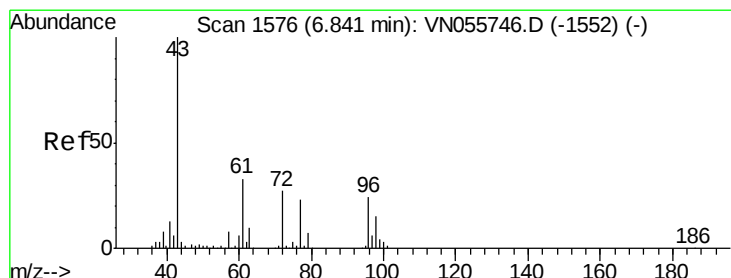
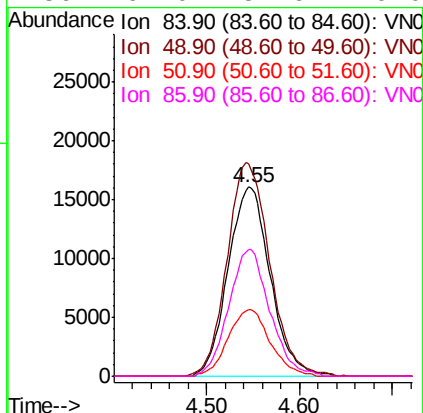
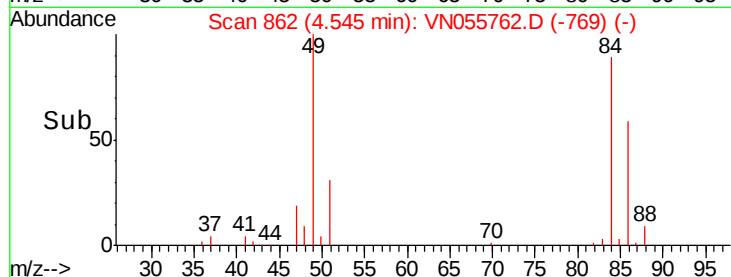
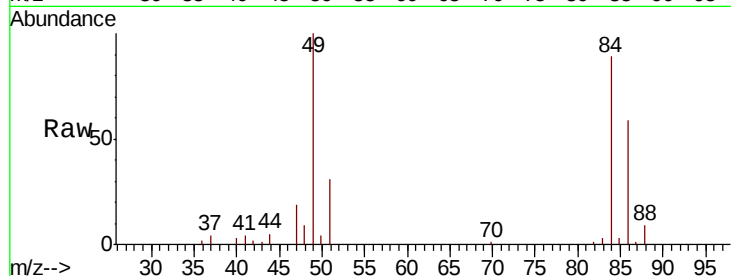




#20
Methvlene Chloride
Concen: 11.042 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

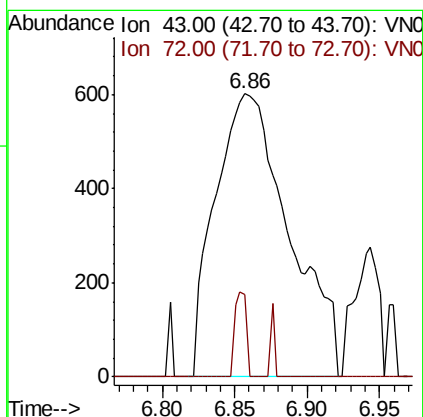
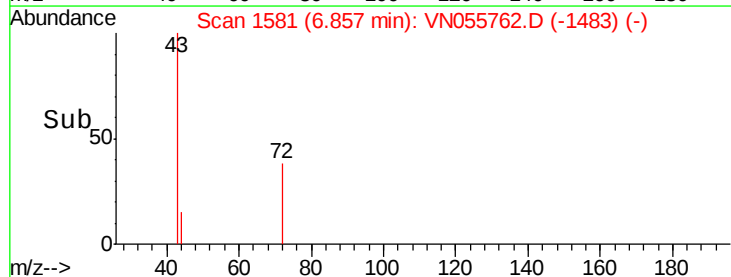
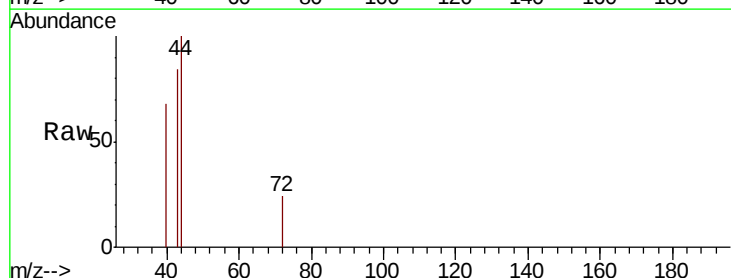
Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-B

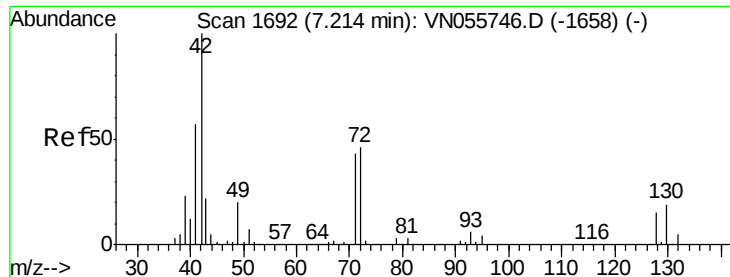
Tot Ion: 84	Resp: 50850
Ion Ratio	Lower Upper
84 100	
49 112.6	93.5 140.3
51 35.3	28.6 43.0
86 67.0	52.6 79.0



#25
2-Butanone
Concen: 0.720 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

Tgt Ion: 43	Resp: 2137
Ion Ratio	Lower Upper
43 100	
72 28.9	21.9 32.9

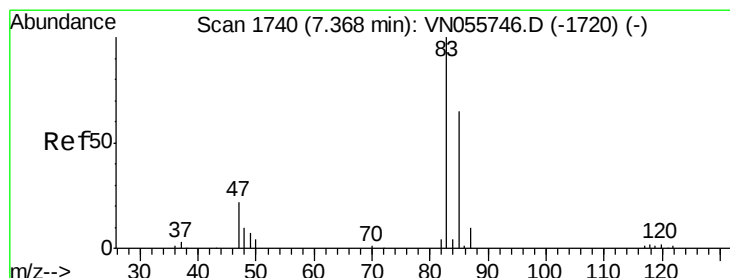
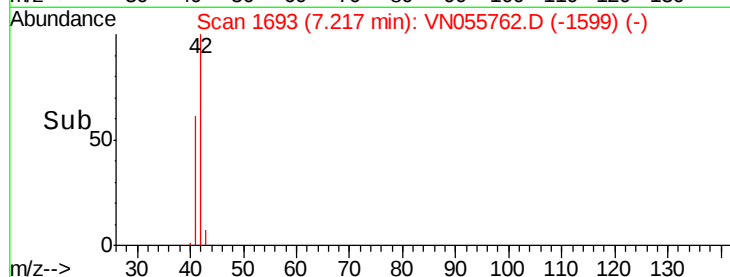
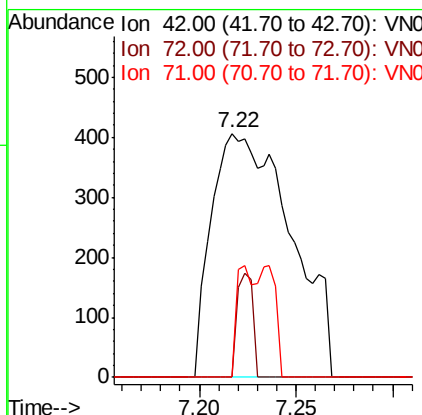
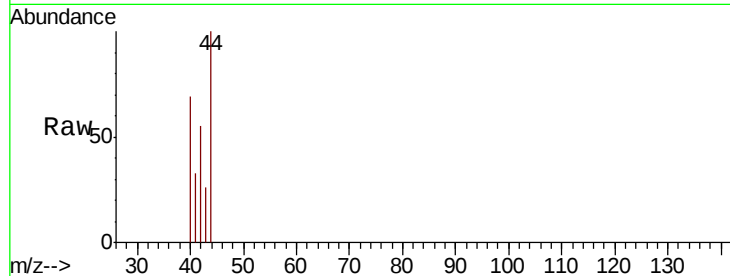




#29
Tetrahydrofuran
Concen: 0.617 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

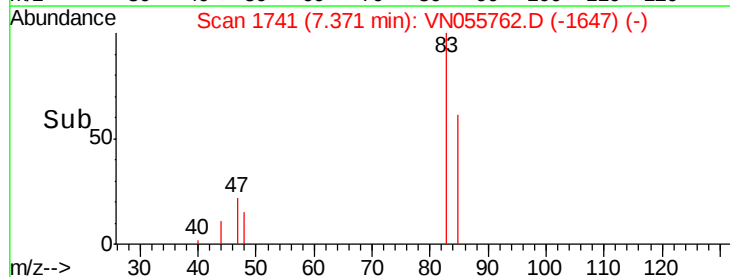
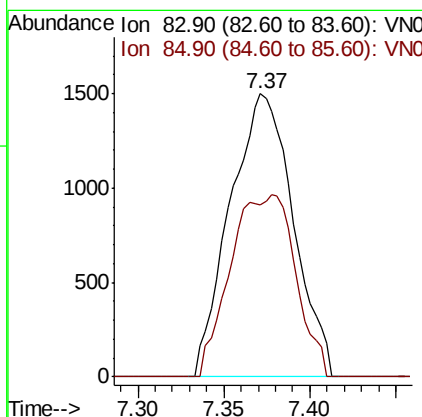
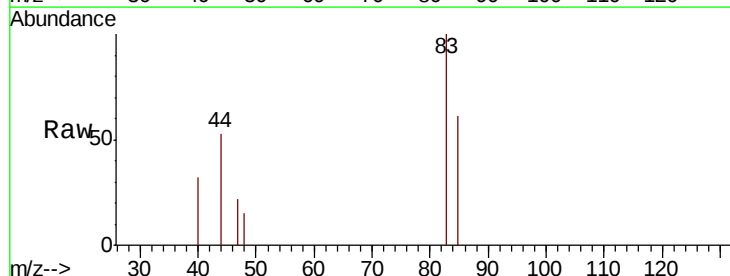
Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-B

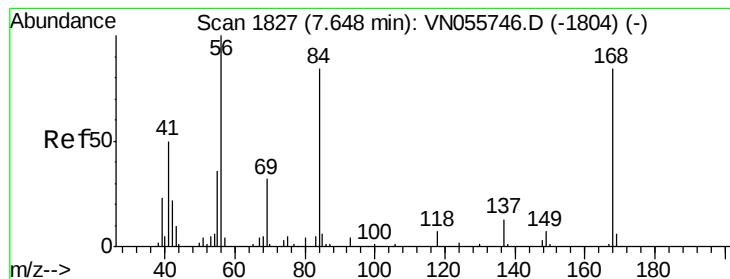
Tot Ion: 42 Resp: 1160
Ion Ratio Lower Upper
42 100
72 8.1 35.9 53.9#
71 8.7 34.0 51.0#



#30
Chloroform
Concen: 0.496 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

Tgt Ion: 83 Resp: 3826
Ion Ratio Lower Upper
83 100
85 60.6 51.8 77.8





#31

Cyclohexane

Concen: 0.907 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-B

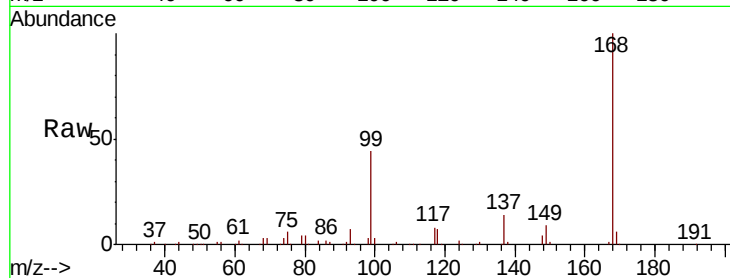
Tot Ion: 56 Resp: 6585

Ion Ratio Lower Upper

56 100

69 175.3 25.6 38.4#

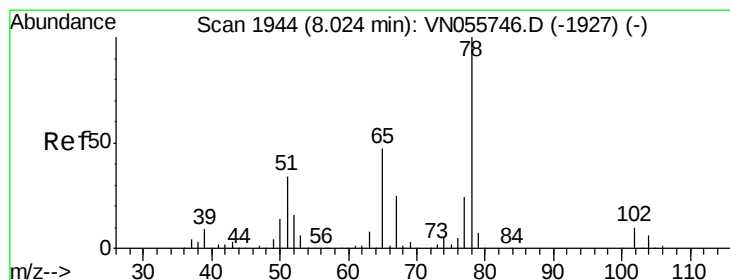
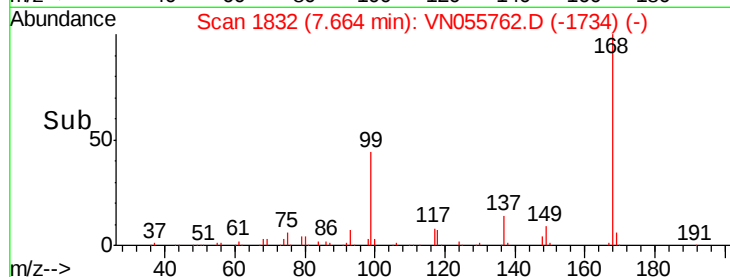
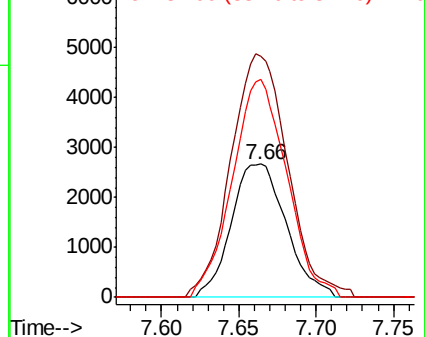
84 163.2 67.4 101.0#



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: 44.344 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055762.D

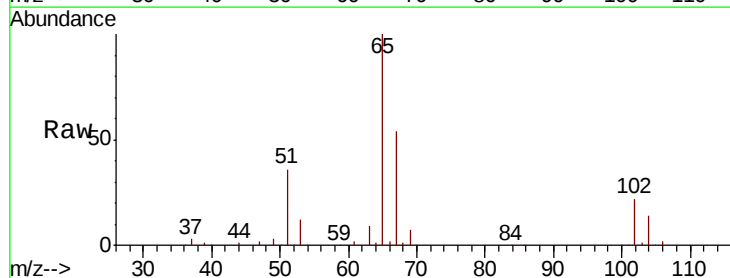
Acq: 23 May 2019 18:51

Tgt Ion: 65 Resp: 214511

Ion Ratio Lower Upper

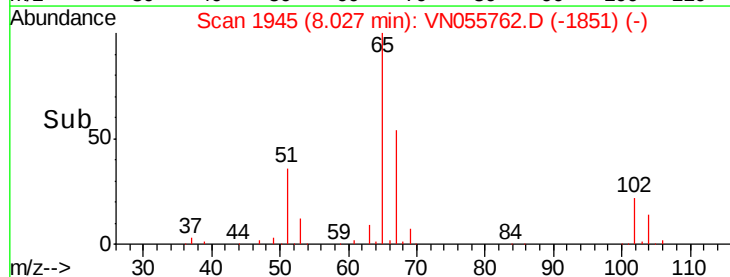
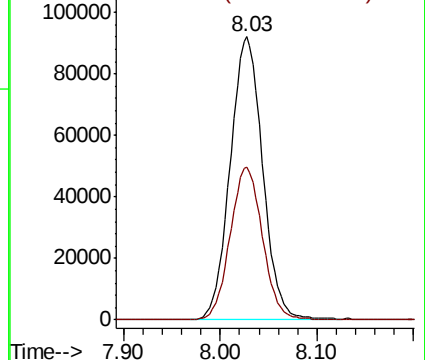
65 100

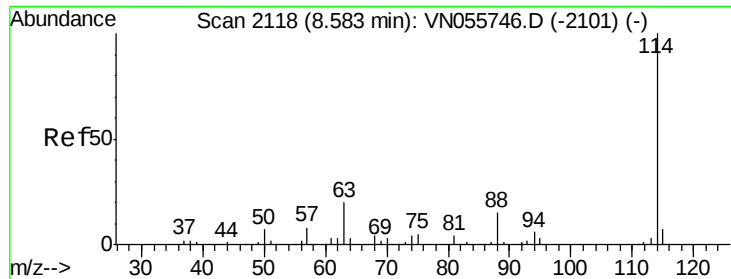
67 53.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

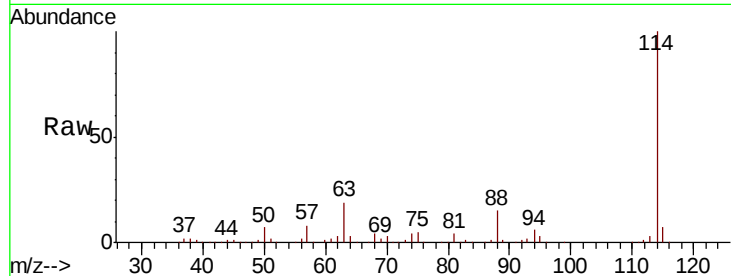




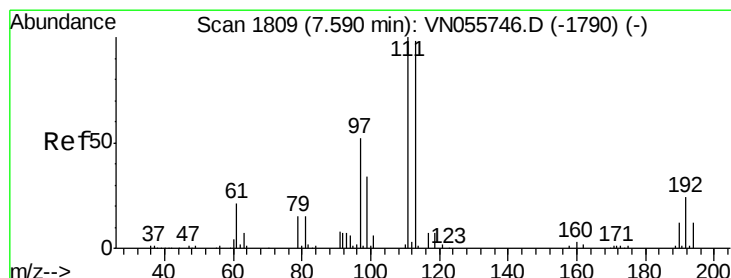
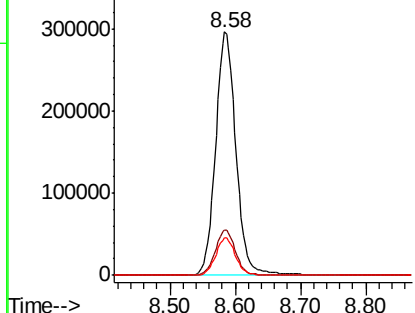
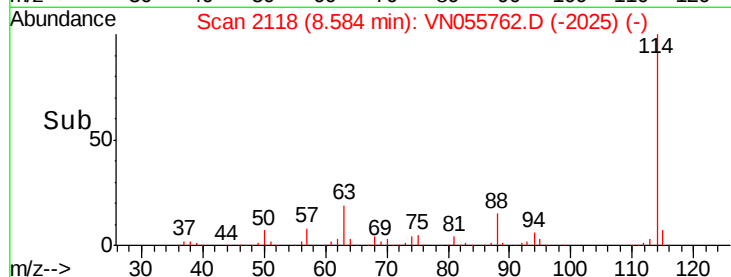
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

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 SU-03-052219-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.2
88	15.2	0.0	31.0

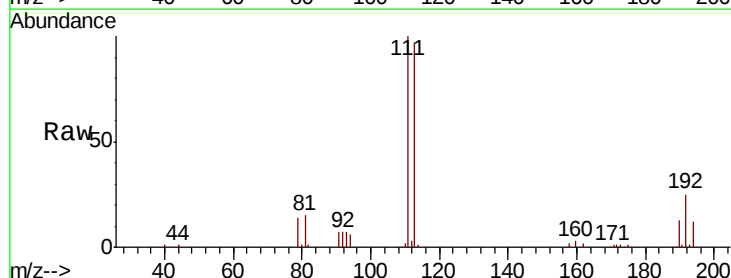


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

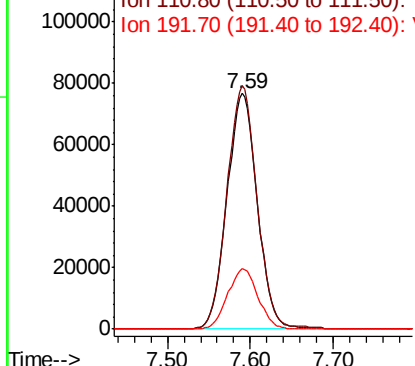
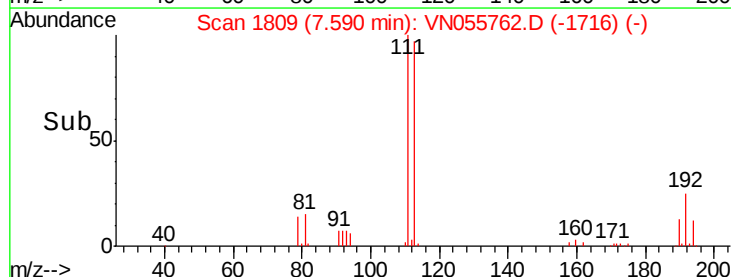


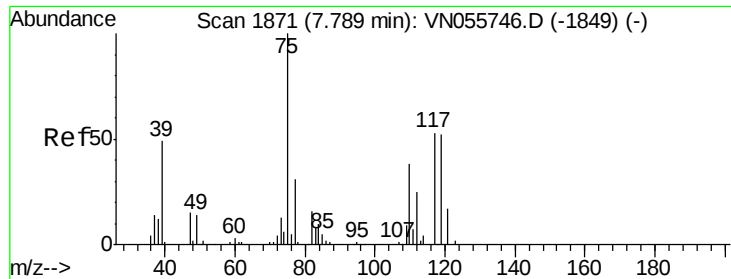
#35
 Dibromofluoromethane
 Concen: 48.175 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	25.5	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

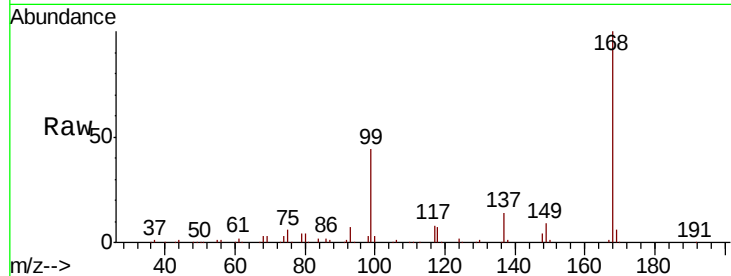




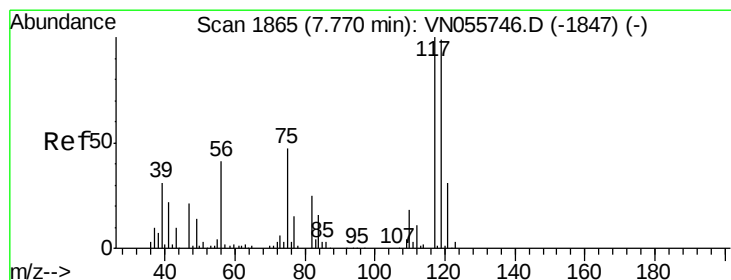
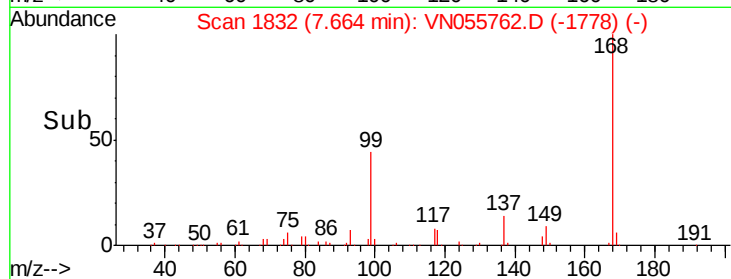
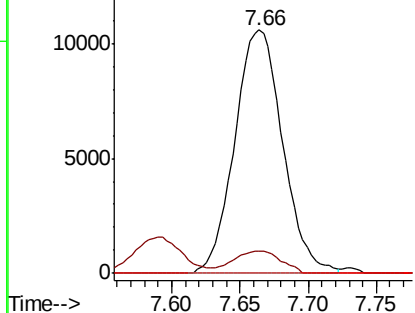
#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

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

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.0	57.0#
77	0.0	25.1	37.7#

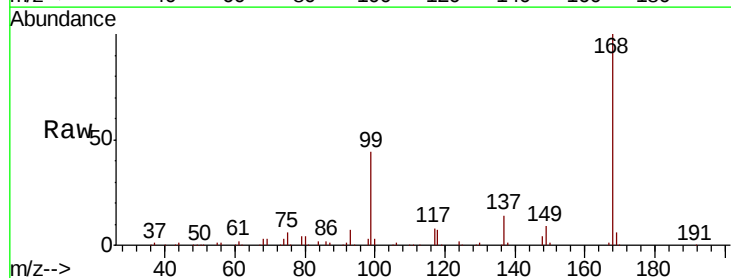


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

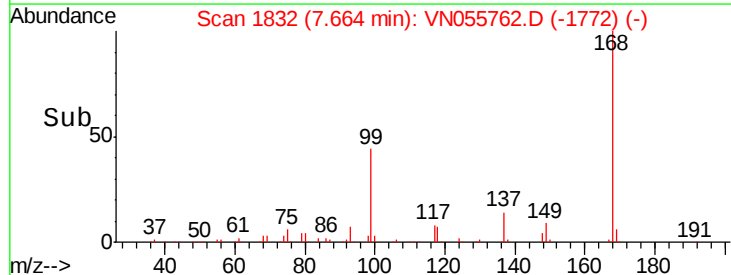
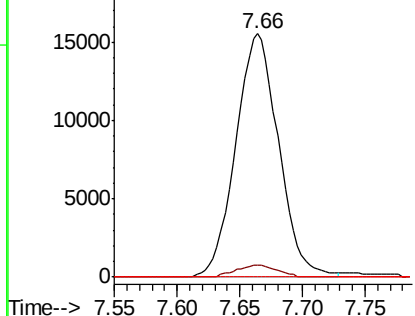


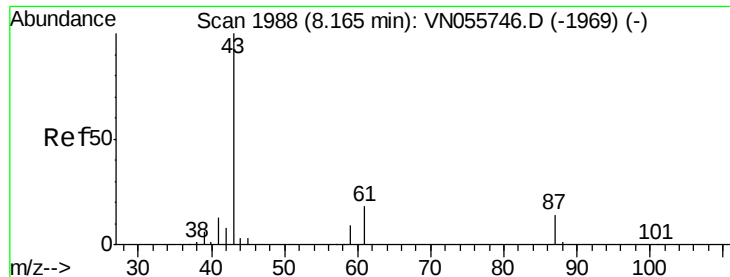
#38
 Carbon Tetrachloride
 Concen: 6.325 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	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: 1.633 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-B

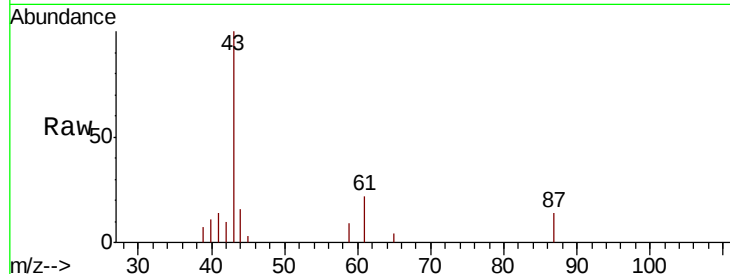
Tot Ion: 43 Resp: 14861

Ion Ratio Lower Upper

43 100

61 19.6 22.2 33.4#

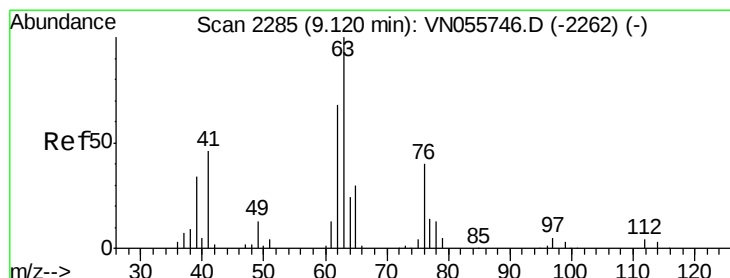
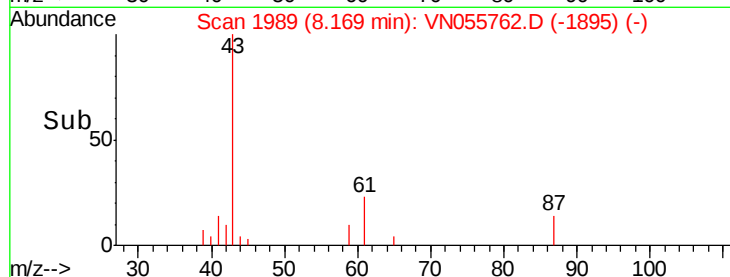
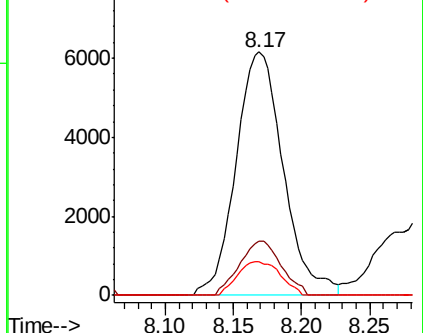
87 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#45

1,2-Dichloropropane

Concen: 0.349 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055762.D

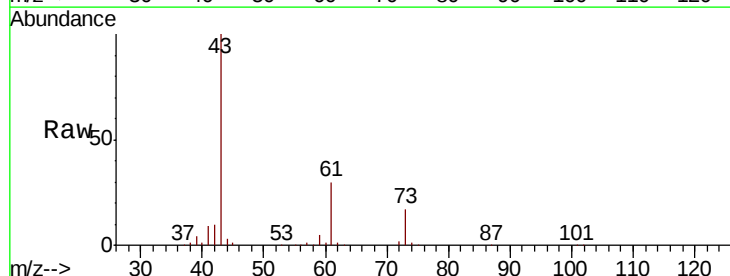
Acq: 23 May 2019 18:51

Tgt Ion: 63 Resp: 1537

Ion Ratio Lower Upper

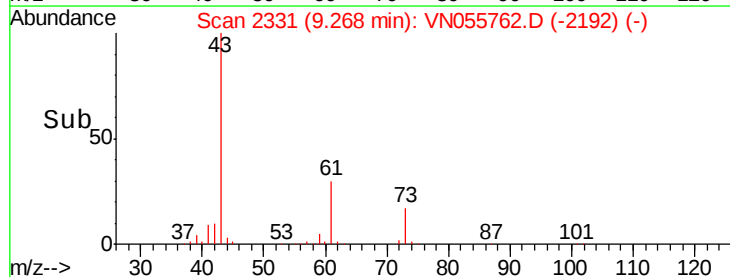
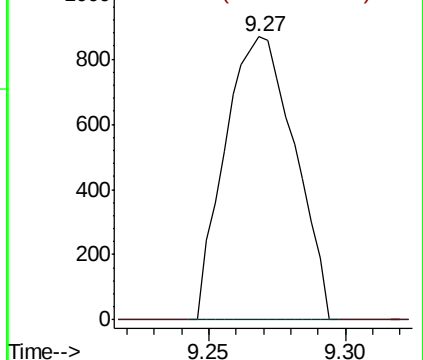
63 100

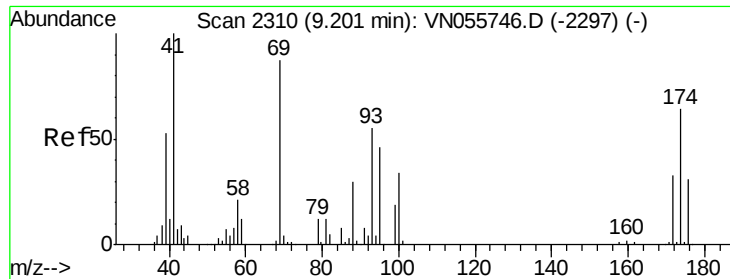
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055746.D (-2262) (-)

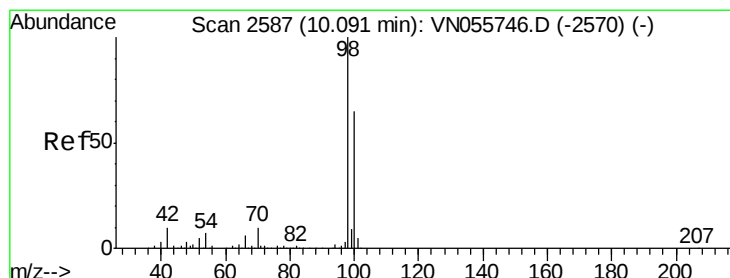
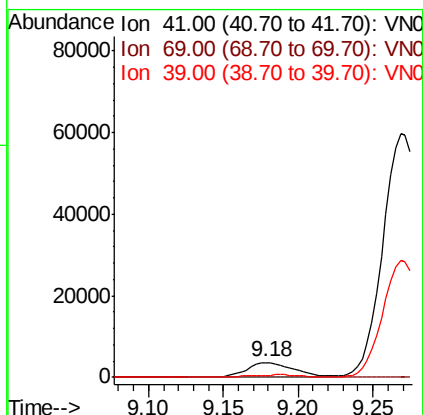
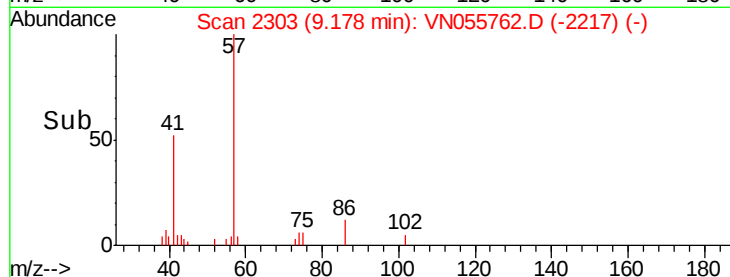
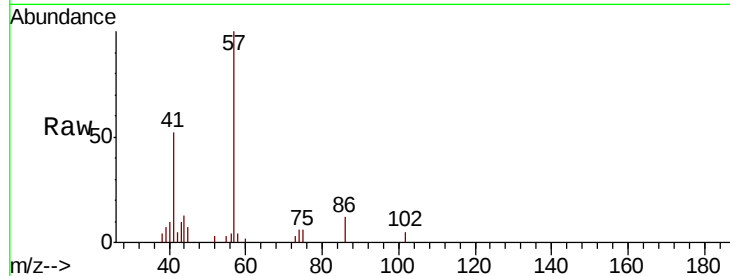




#48
Methvl methacrylate
Concen: 1.952 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

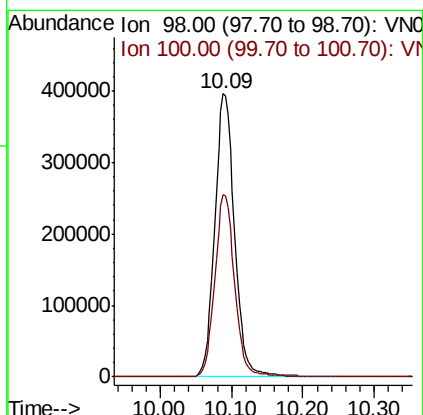
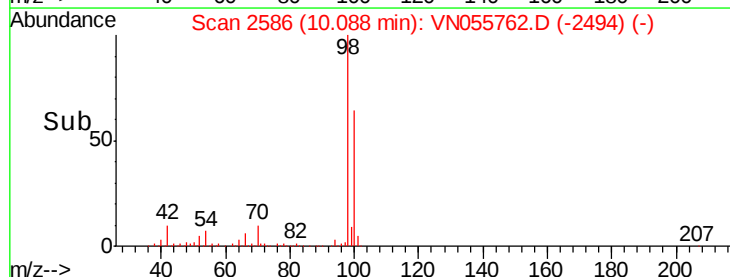
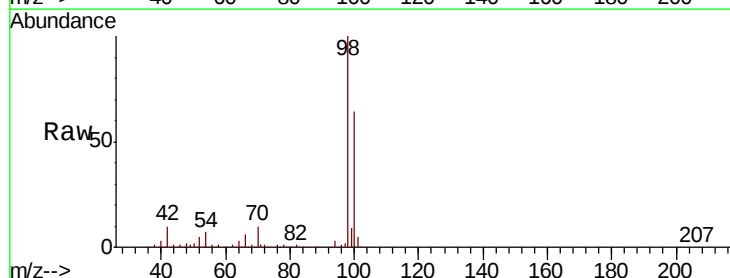
Instrument :
MSVOA_N
ClientSampleId :
SU-03-052219-B

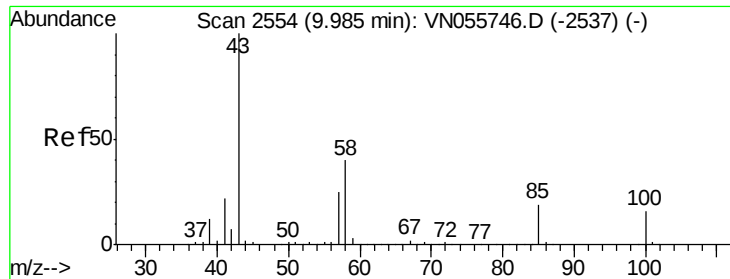
Tot Ion: 41 Resp: 8188
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#



#50
Toluene-d8
Concen: 48.818 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055762.D
Acq: 23 May 2019 18:51

Tgt Ion: 98 Resp: 761327
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.900 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

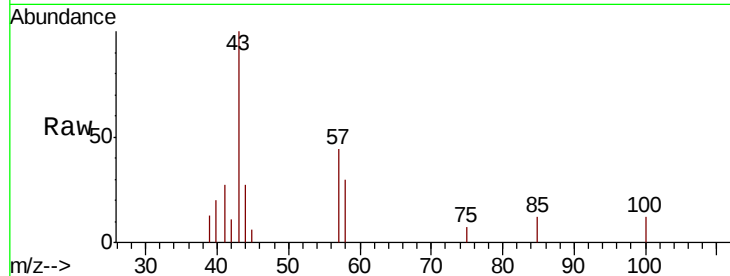
SU-03-052219-B

Tot Ion: 43 Resp: 4835

Ion Ratio Lower Upper

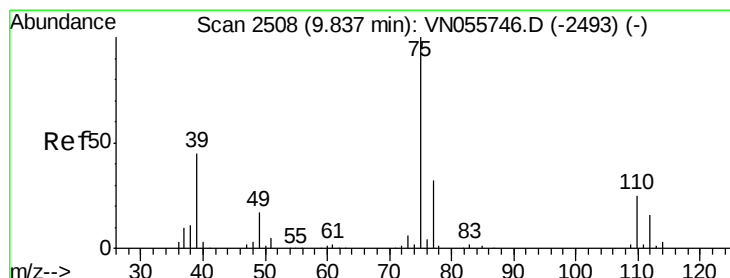
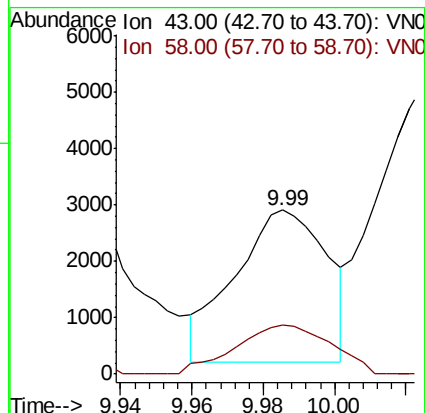
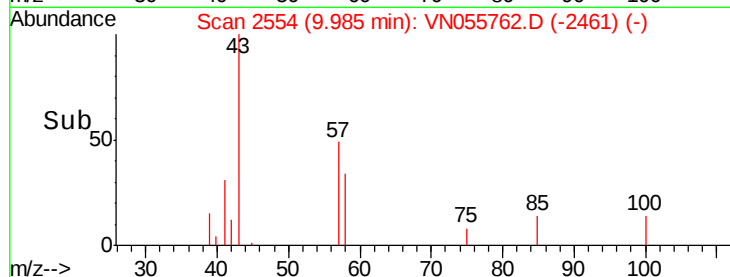
43 100

58 33.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.280 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

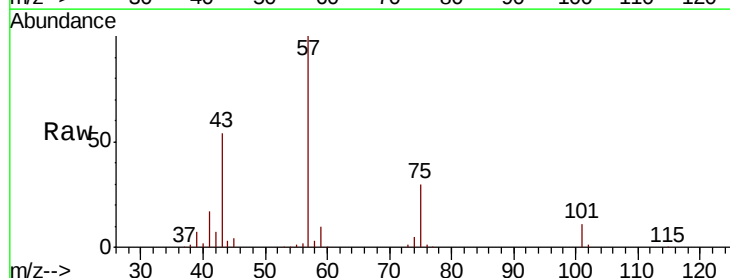
Tgt Ion: 75 Resp: 57939

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

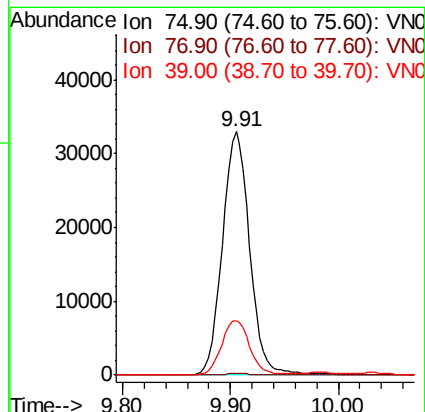
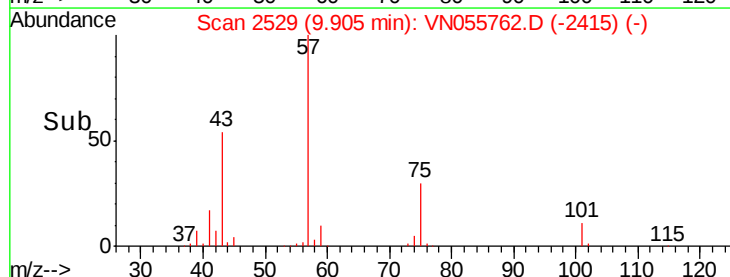
39 22.5 36.3 54.5#

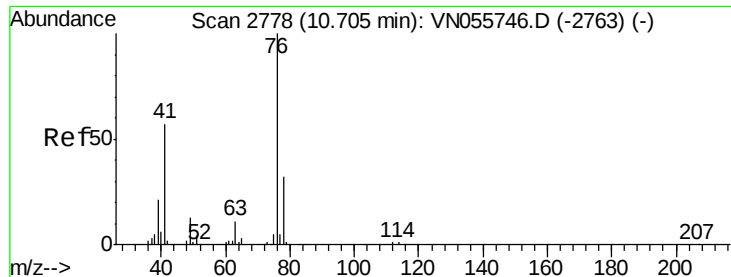


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

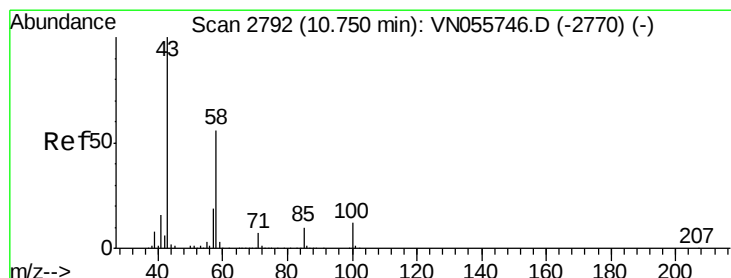
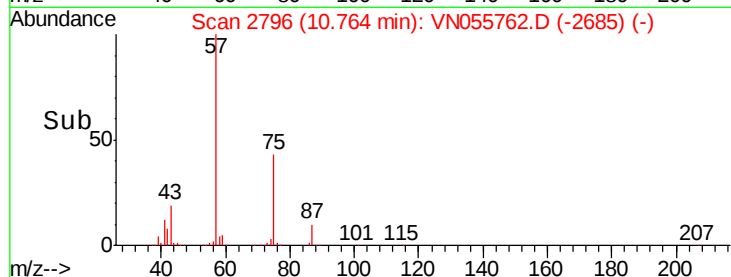
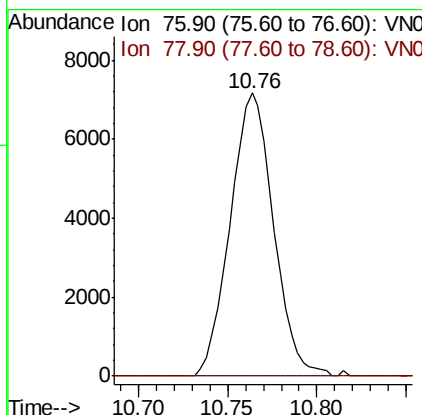
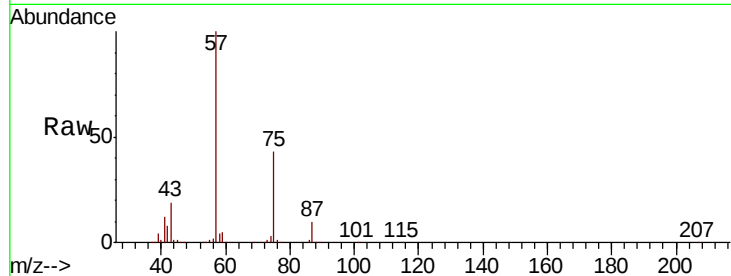




#57
 1,3-Dichloropropane
 Concen: 1.753 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

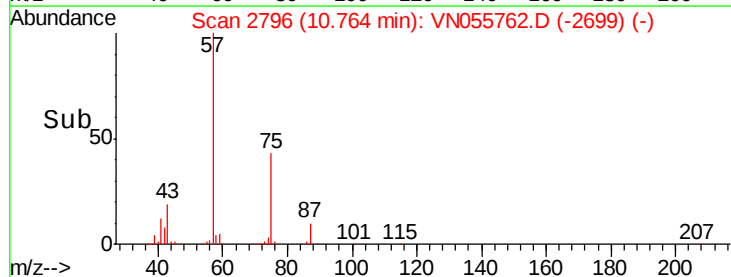
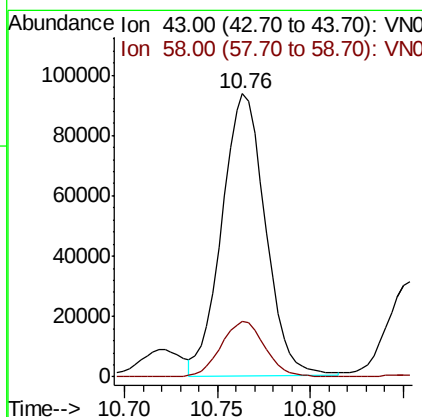
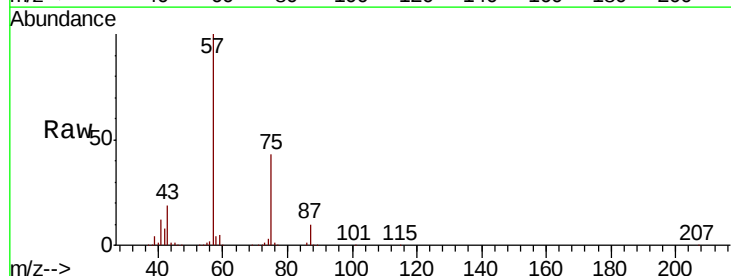
Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-052219-B

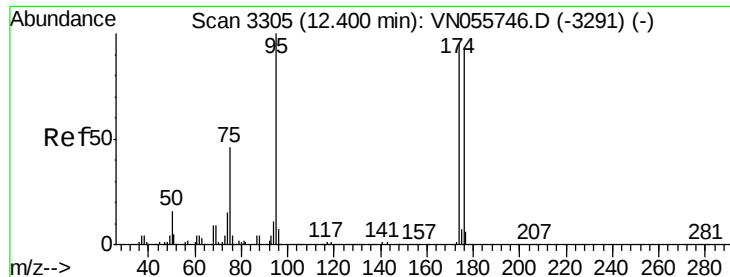
Tot Ion: 76 Resp: 12122
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 40.027 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

Tgt Ion: 43 Resp: 152614
 Ion Ratio Lower Upper
 43 100
 58 19.9 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 47.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-B

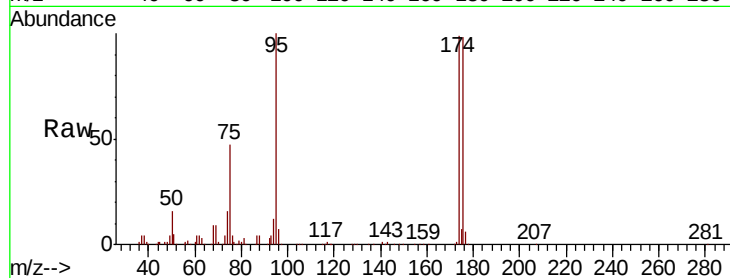
Tot Ion: 95 Resp: 252206

Ion Ratio Lower Upper

95 100

174 99.2 0.0 191.0

176 98.3 0.0 185.2

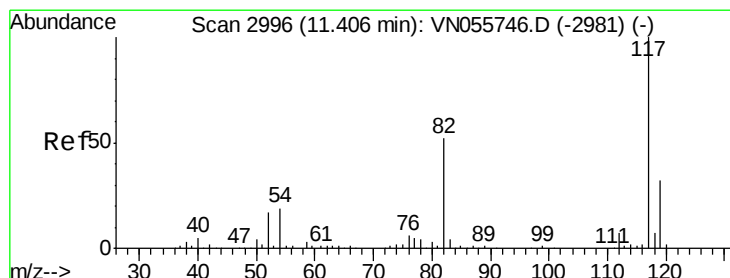
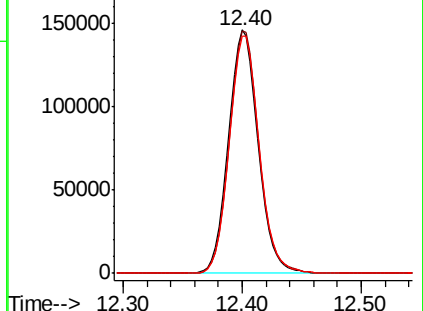
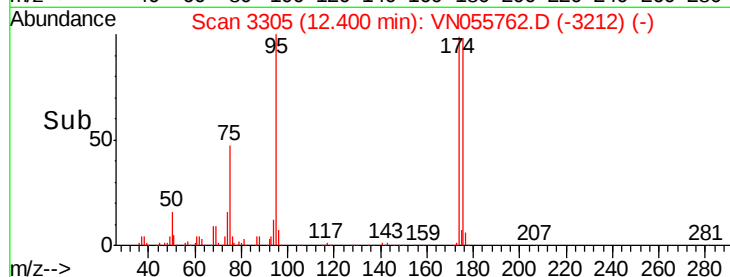


Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

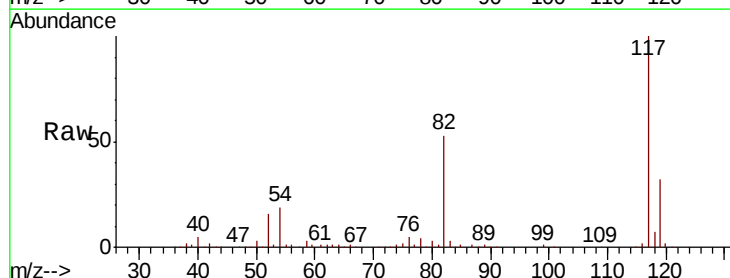
Tgt Ion: 117 Resp: 584162

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 32.2 25.4 38.0

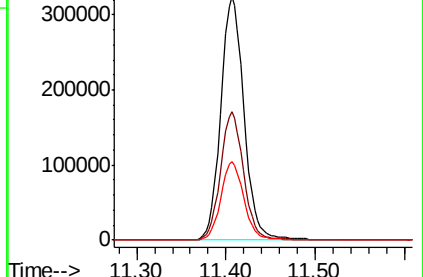
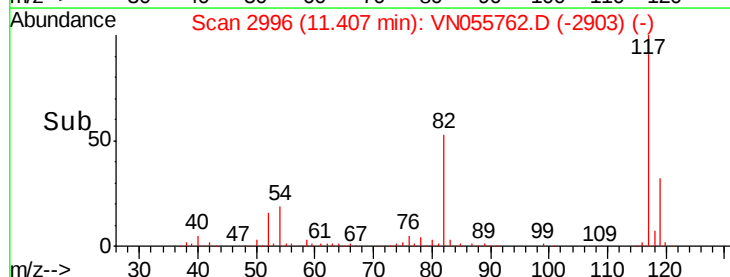


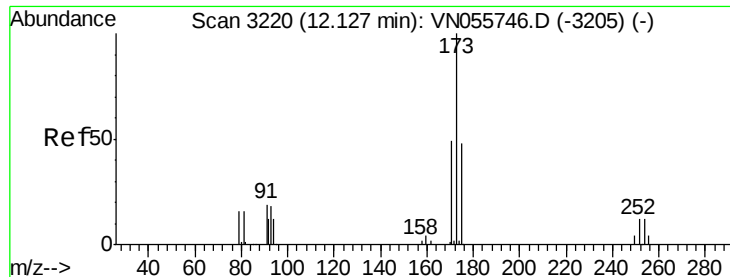
Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)

11.41





#71

Bromoform

Concen: 0.453 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-B

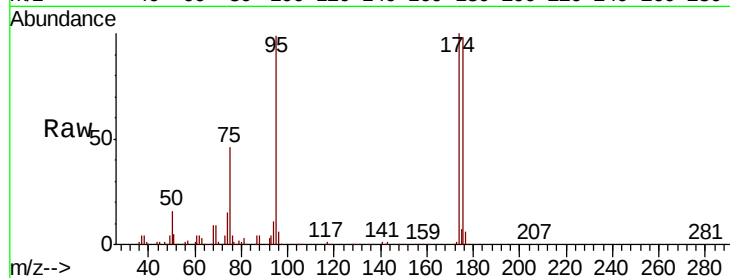
Tot Ion:173 Resp: 1802

Ion Ratio Lower Upper

173 100

175 888.7 24.3 72.8#

254 0.0 0.0 0.0

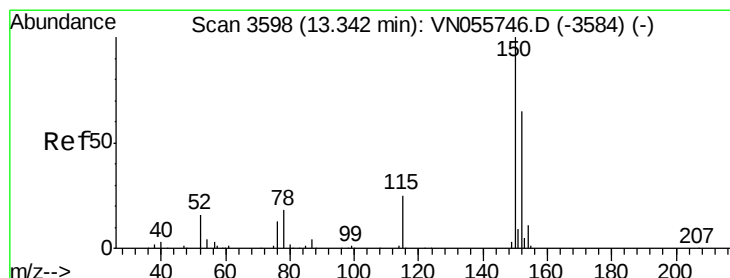
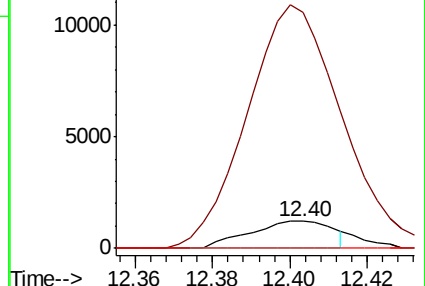
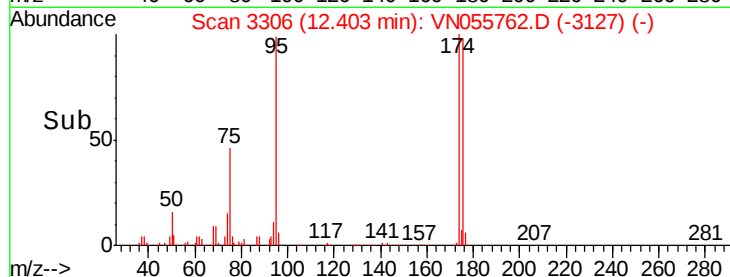


Abundance

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

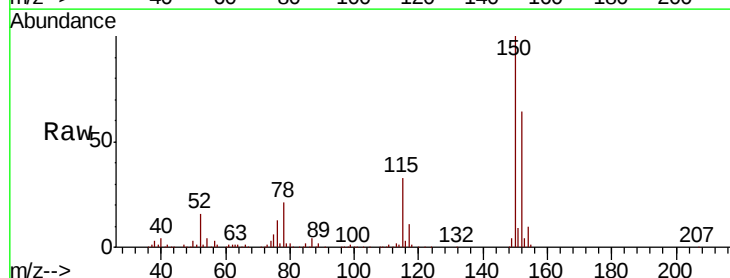
Tgt Ion:152 Resp: 228487

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

150 156.6 0.0 343.2

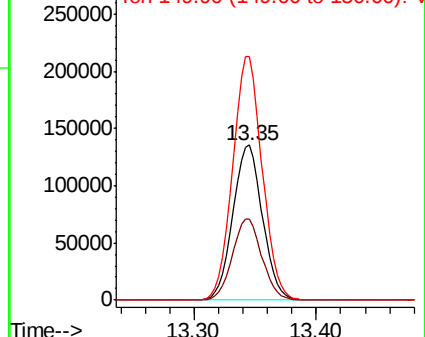
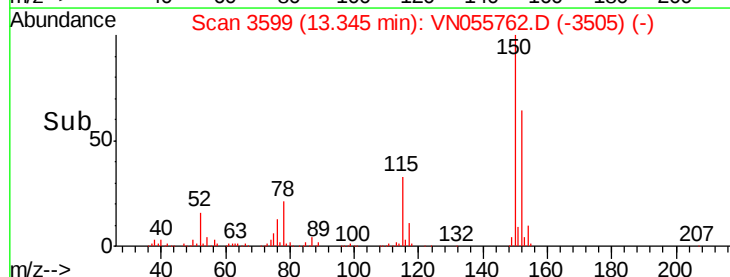


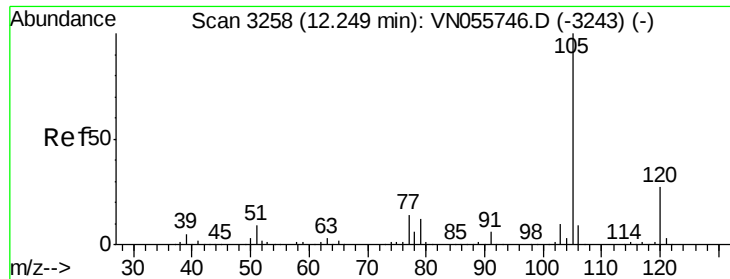
Abundance

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: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

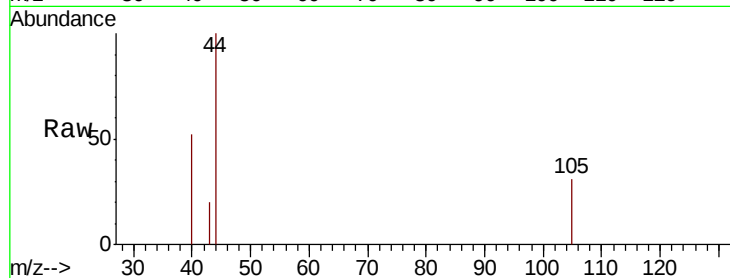
SU-03-052219-B

Tot Ion:105 Resp: 377

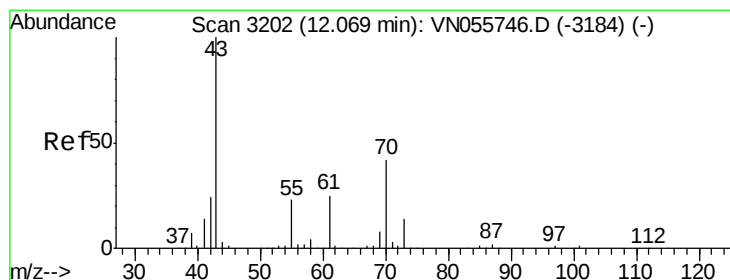
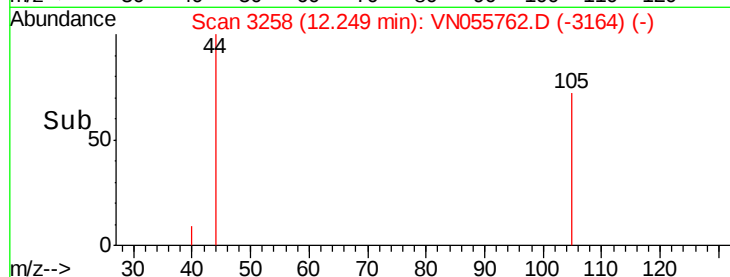
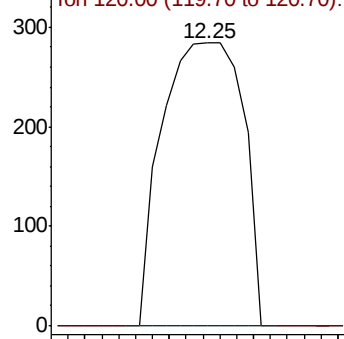
Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 0.307 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Tgt Ion: 43 Resp: 15912

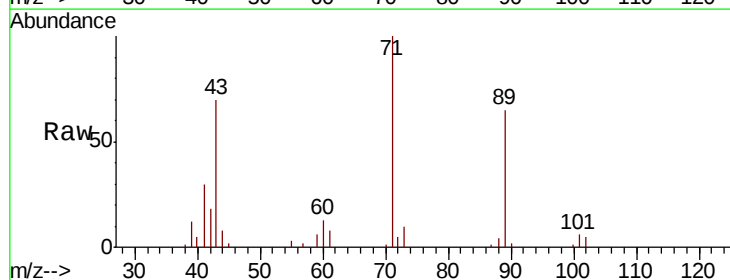
Ion Ratio Lower Upper

43 100

70 1.6 34.0 51.0#

55 4.2 18.6 28.0#

61 10.7 20.0 30.0#

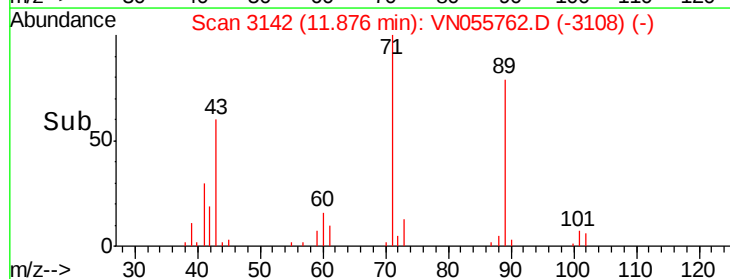
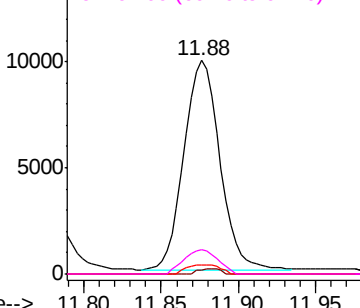


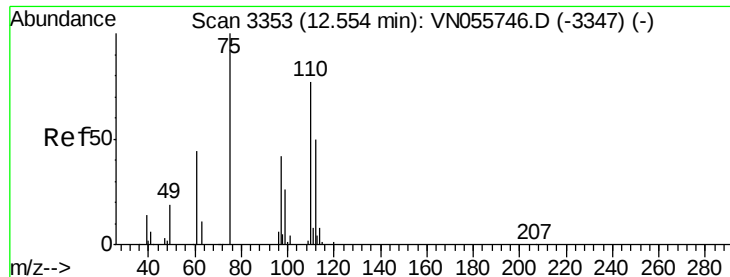
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 28.485 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

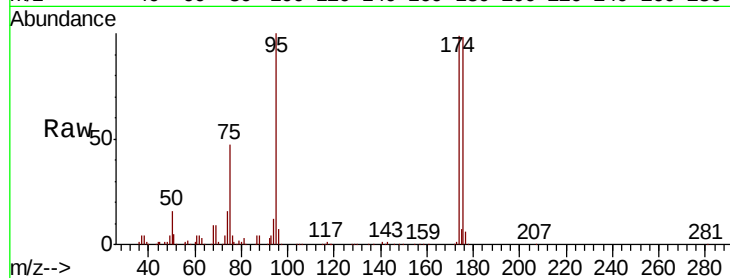
SU-03-052219-B

Tot Ion: 75 Resp: 117399

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

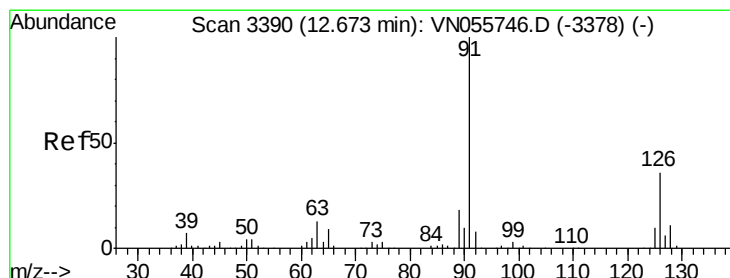
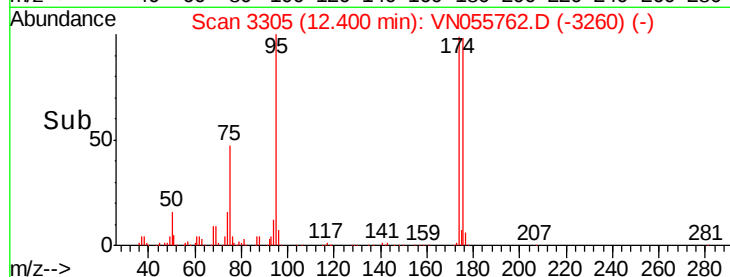
60000

40000

20000

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055762.D

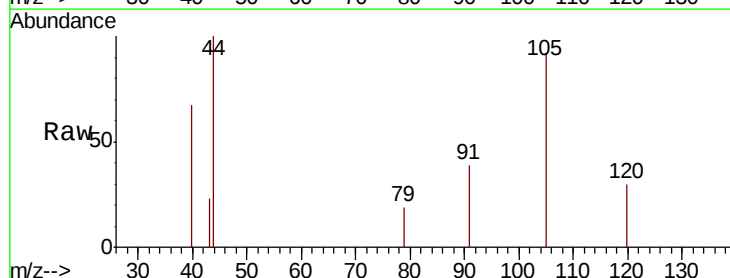
Acq: 23 May 2019 18:51

Tgt Ion: 91 Resp: 335

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

12.67

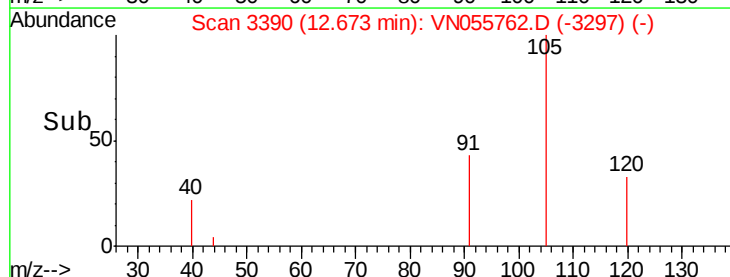
300

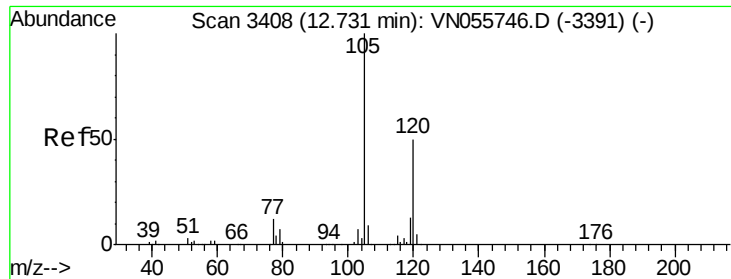
200

100

0

Time-->

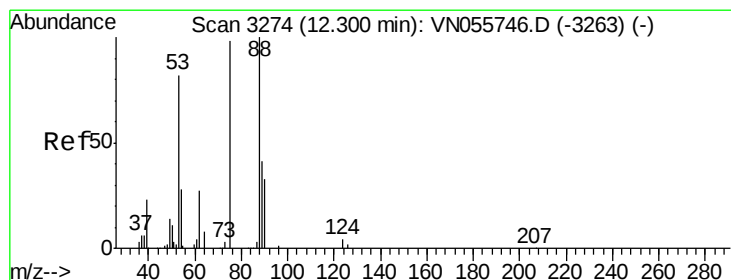
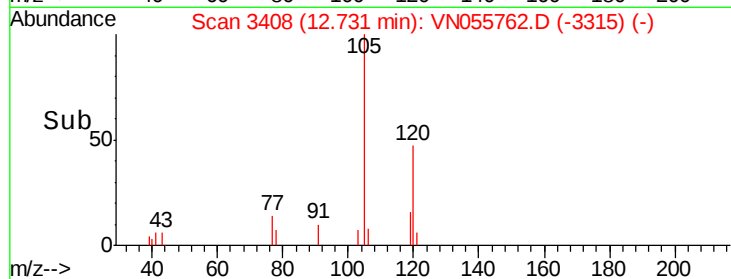
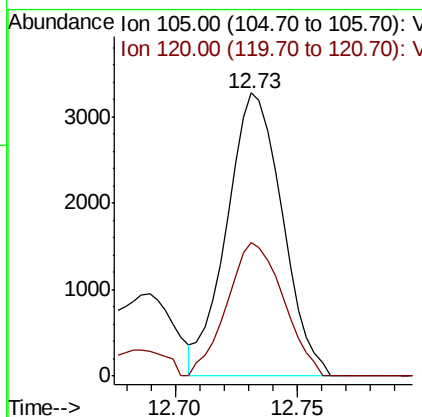
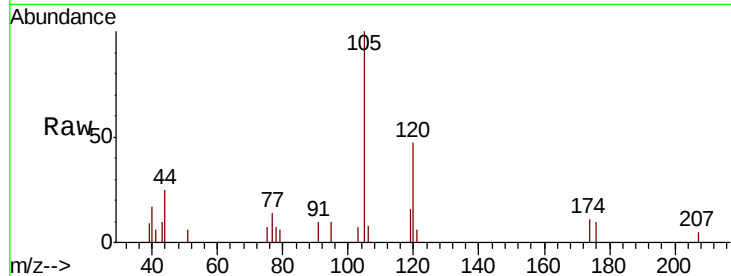




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

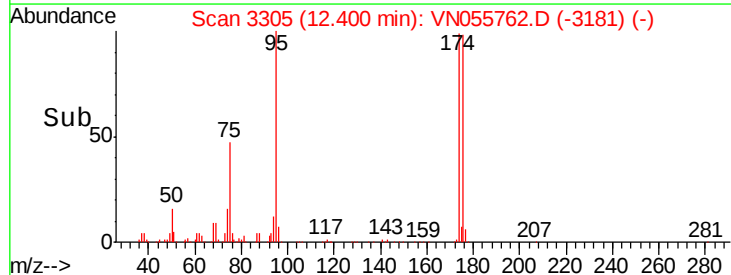
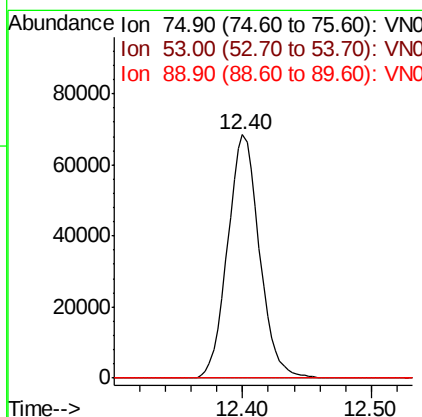
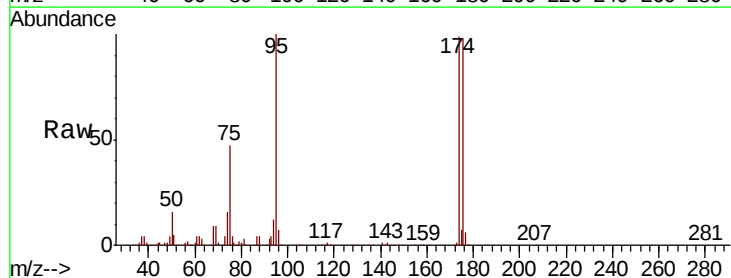
Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-052219-B

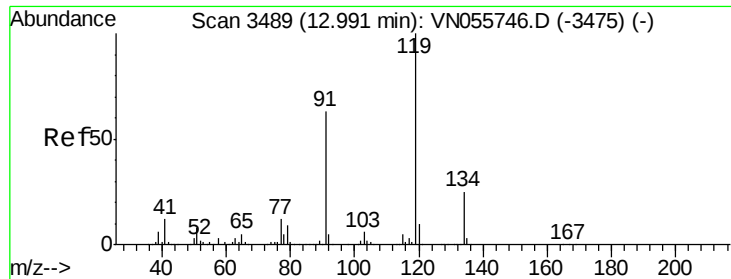
Tot Ion:105 Resp: 5177
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.132 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

Tgt Ion: 75 Resp: 117399
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#

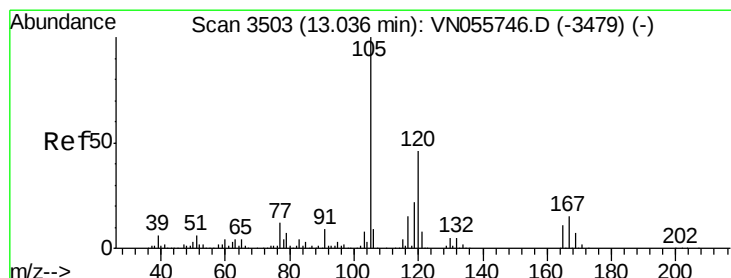
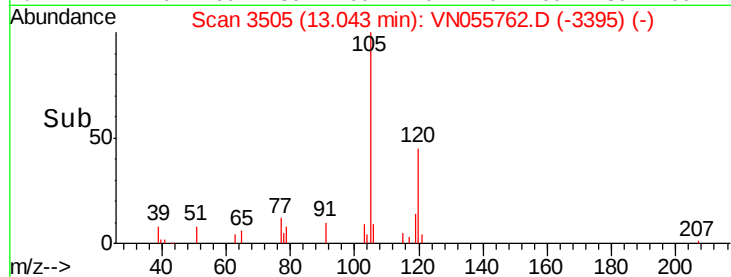
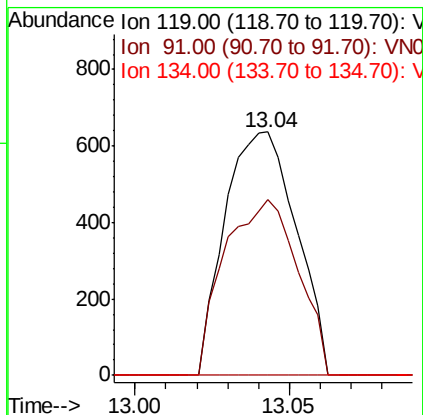
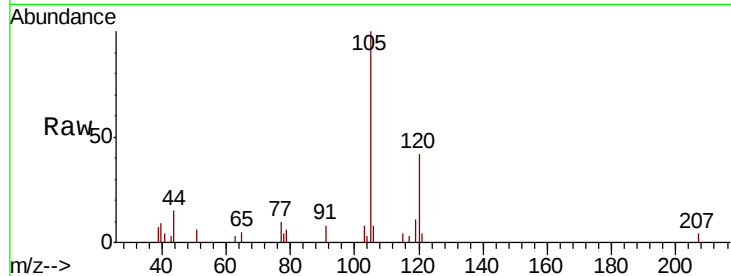




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

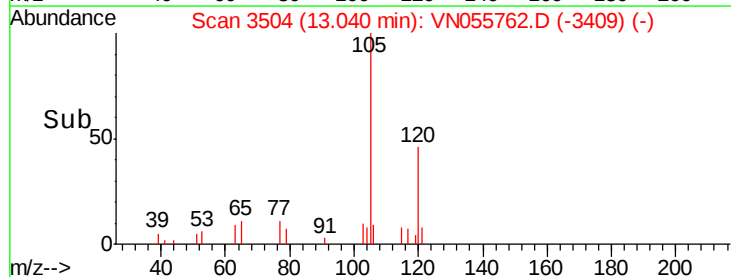
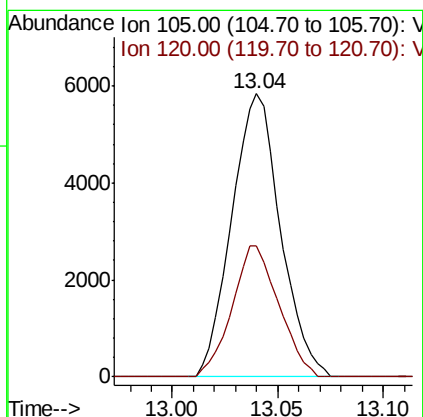
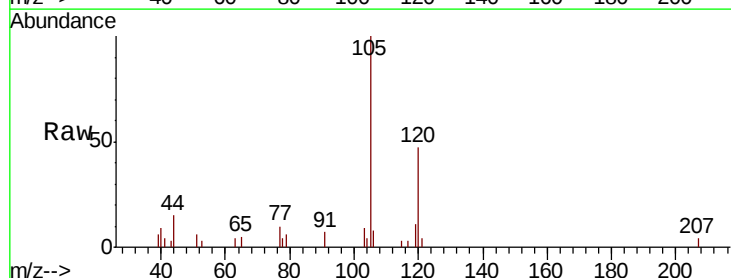
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-052219-B

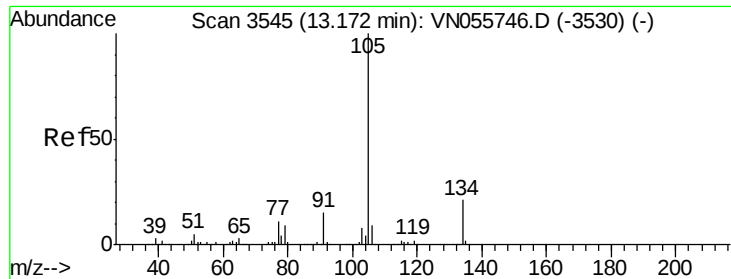
Tot Ion:119 Resp: 1020
 Ion Ratio Lower Upper
 119 100
 91 74.2 30.9 92.8
 134 0.0 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055762.D
 Acq: 23 May 2019 18:51

Tgt Ion:105 Resp: 9359
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.0 69.0





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleID :

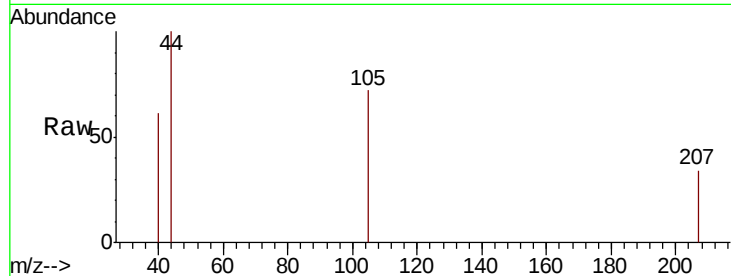
SU-03-052219-B

Tot Ion:105 Resp: 873

Ion Ratio Lower Upper

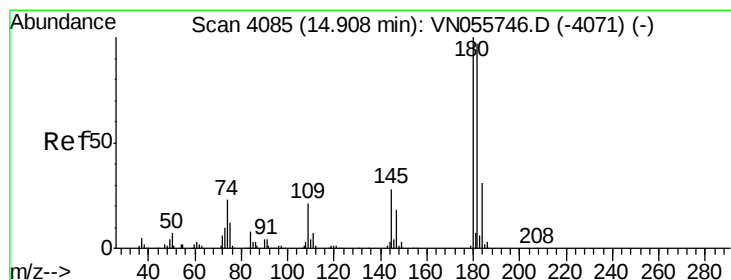
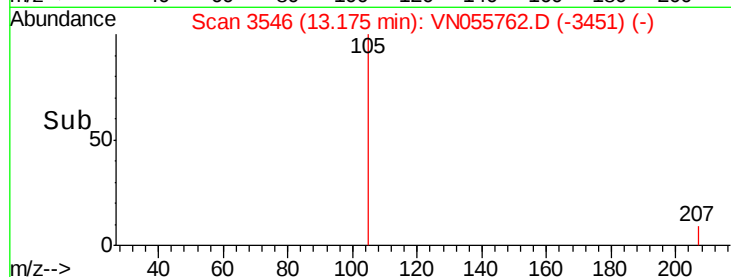
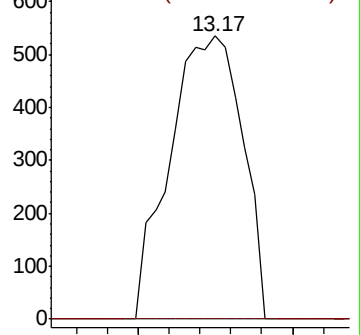
105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.675 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

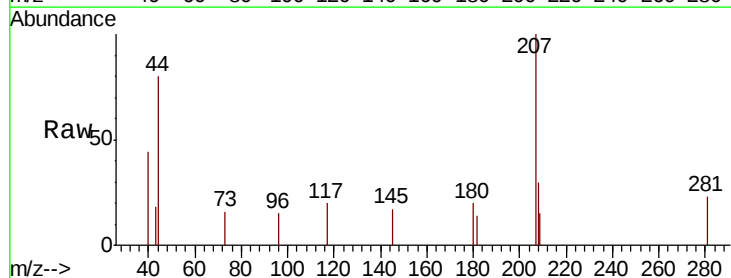
Tgt Ion:180 Resp: 183

Ion Ratio Lower Upper

180 100

182 16.4 48.3 144.9#

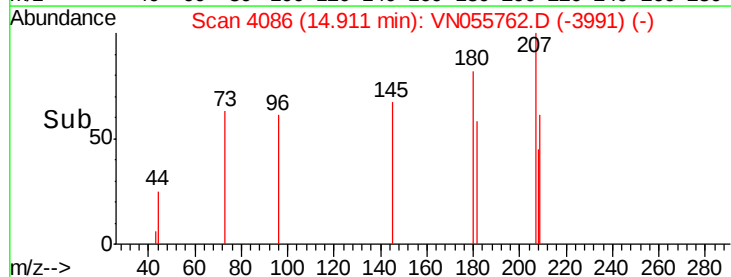
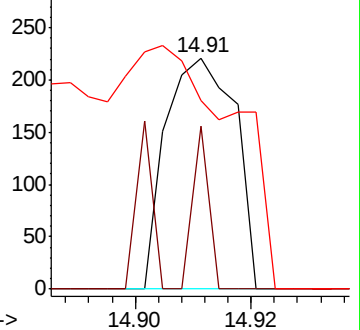
145 0.0 14.0 41.9#

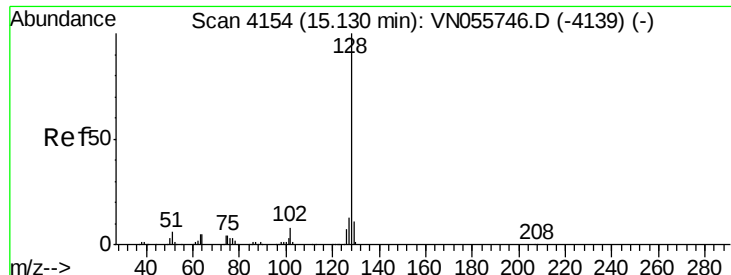


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.674 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055762.D

Acq: 23 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

SU-03-052219-B

Tot Ion:128 Resp: 7127

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 8.4 8.7 13.1#

