

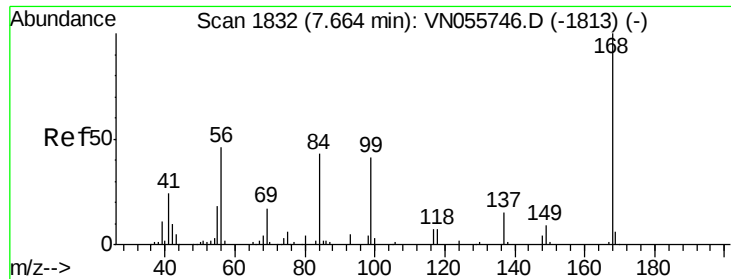
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055759.D
 Acq On : 23 May 2019 17:36
 Operator : JC/SP
 Sample : K3008-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-20

Quant Time: May 24 06:49:39 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	461375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	631848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	209101	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
35) Dibromofluoromethane	7.59	113	191792	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.09	98	745764	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	242140	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	671	0.246	ug/l #	1
16) Acetone	3.82	43	11984	5.722	ug/l	99
18) Methyl Acetate	4.33	43	3785	Below Cal		99
20) Methylene Chloride	4.54	84	27215	6.000	ug/l	96
25) 2-Butanone	6.85	43	1538	0.526	ug/l #	84
29) Tetrahydrofuran	7.22	42	776	0.419	ug/l #	54
30) Chloroform	7.38	83	1781	0.234	ug/l	86
31) Cyclohexane	7.66	56	6398	0.895	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	26369	4.789	ug/l #	43
38) Carbon Tetrachloride	7.66	117	36820	6.420	ug/l #	14
43) Isopropyl Acetate	8.17	43	14101	1.577	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1461	0.338	ug/l #	44
48) Methyl methacrylate	9.18	41	7476	1.814	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3935	0.745	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	51369	7.471	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	9615	1.415	ug/l #	42
59) 2-Hexanone	10.76	43	128431	34.282	ug/l #	49
71) Bromoform	12.40	173	1726	0.448	ug/l #	1
73) Isopropylbenzene	12.25	105	292	Below Cal	#	48
74) N-amyl acetate	12.05	43	525	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	111329	28.875	ug/l #	100
79) 2-Chlorotoluene	12.67	91	460	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2785	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	111329	69.979	ug/l #	15
83) tert-Butylbenzene	12.99	119	96	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	1807	Below Cal		92
85) sec-Butylbenzene	13.17	105	619	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	338	3.712	ug/l #	81
95) Naphthalene	15.13	128	6306	0.637	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

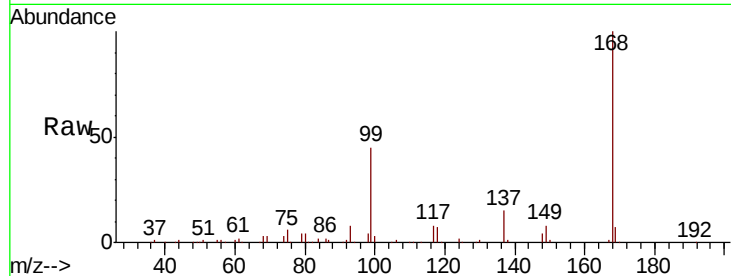
COMP-20

Tot Ion:168 Resp: 461375

Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

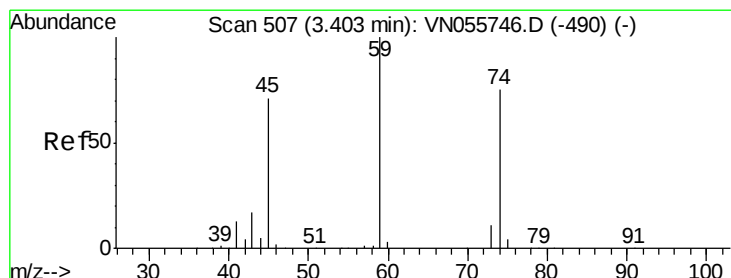
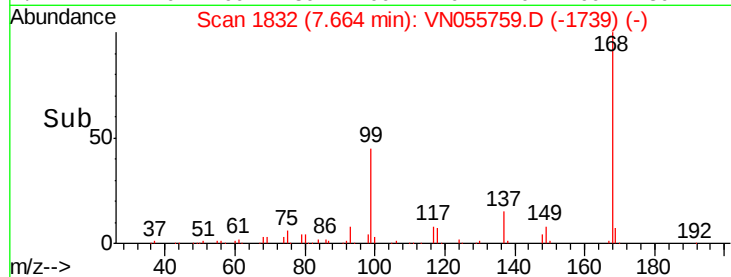
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.246 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.01 min

Lab File: VN055759.D

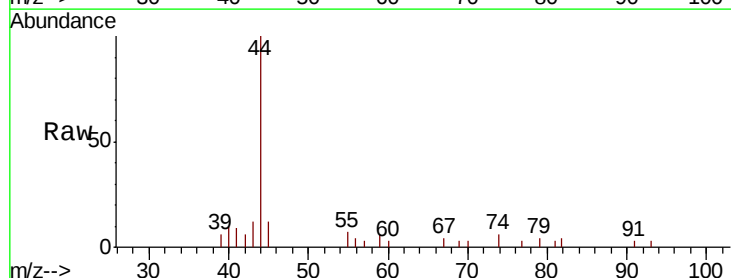
Acq: 23 May 2019 17:36

Tgt Ion: 74 Resp: 671

Ion Ratio Lower Upper

74 100

45 0.0 48.6 145.9#



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

800

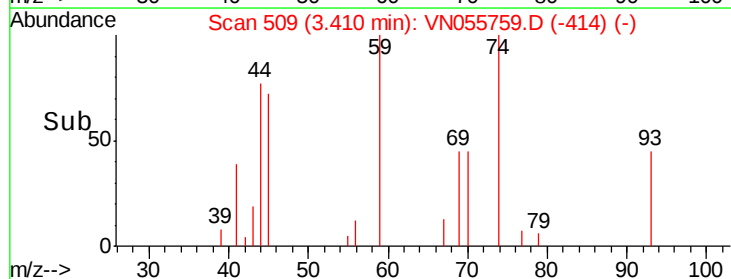
600

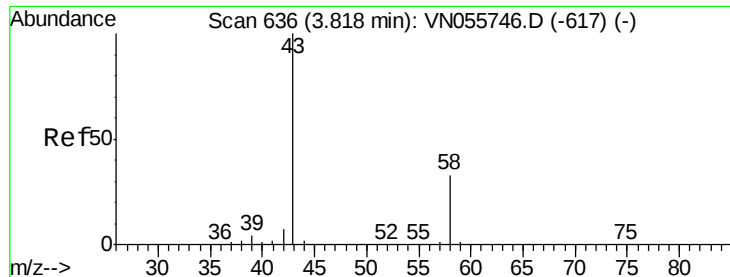
400

200

0

Time-->





#16

Acetone

Concen: 5.722 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

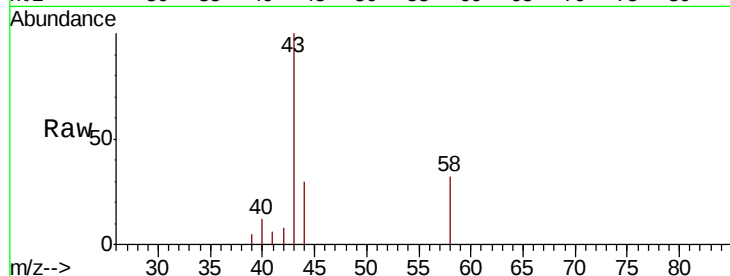
COMP-20

Tot Ion: 43 Resp: 11984

Ion Ratio Lower Upper

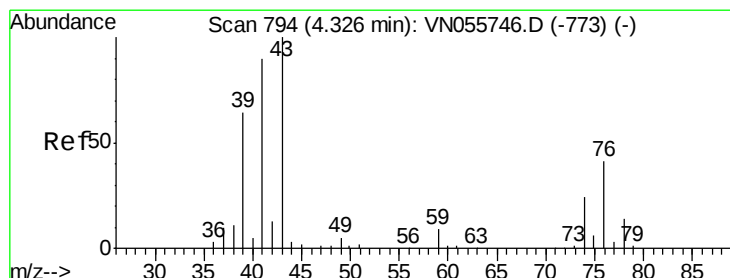
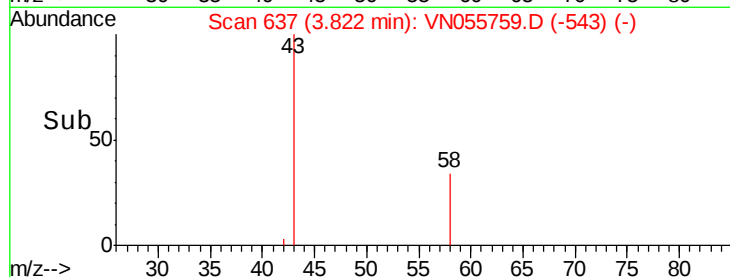
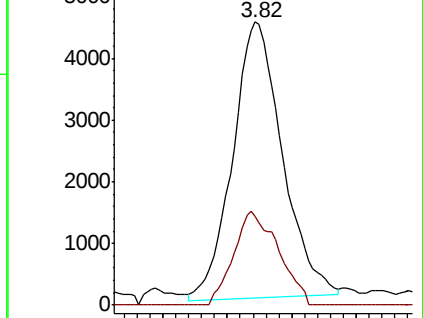
43 100

58 32.9 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) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055759.D

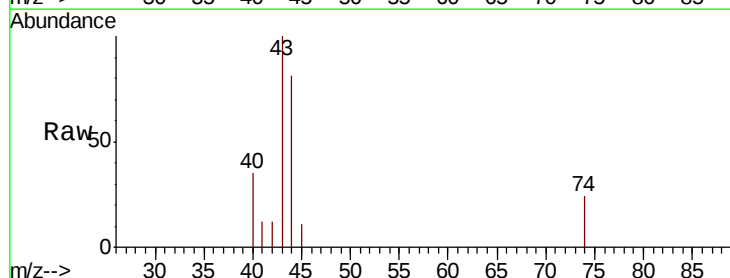
Acq: 23 May 2019 17:36

Tgt Ion: 43 Resp: 3785

Ion Ratio Lower Upper

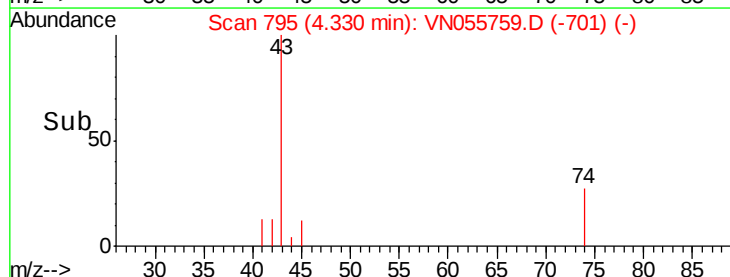
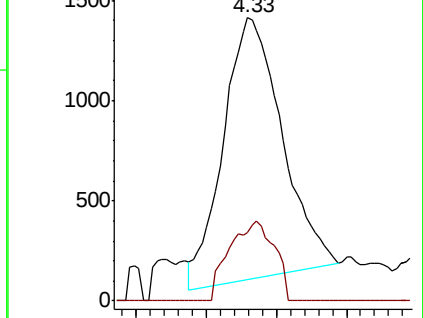
43 100

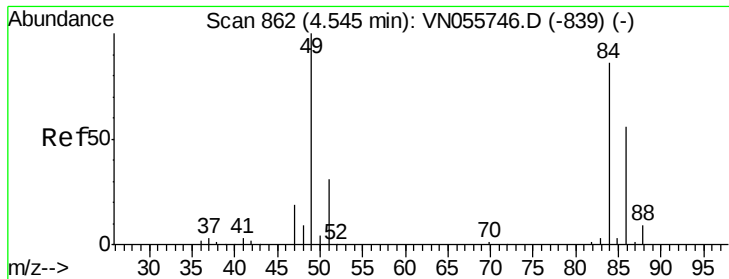
74 23.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055746.D (-773) (-)

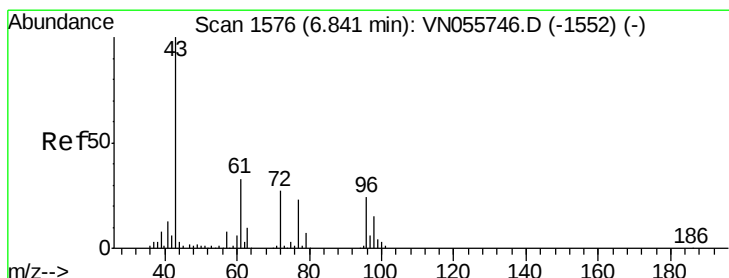
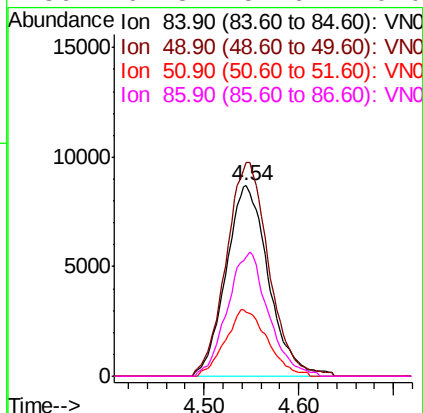
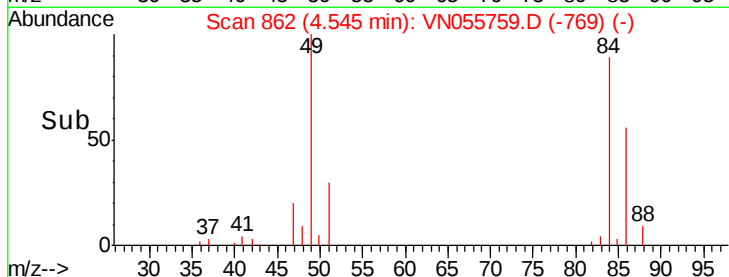
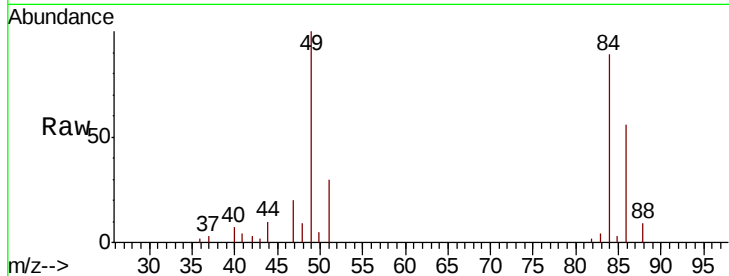




#20
Methvlene Chloride
Concen: 6.000 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

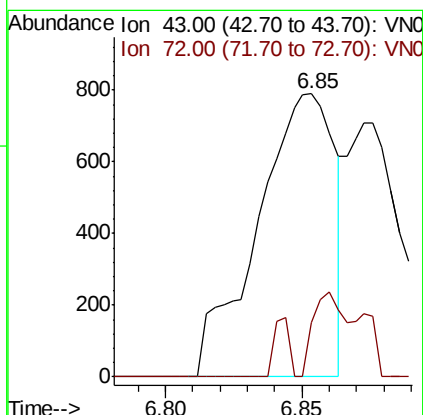
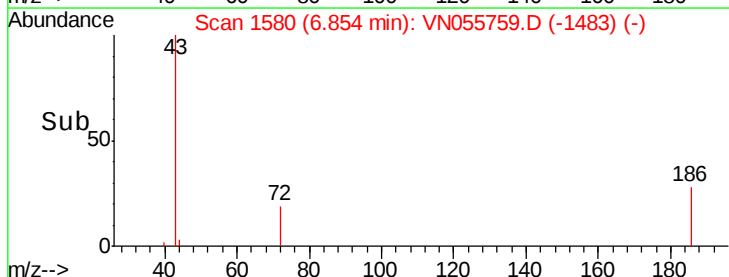
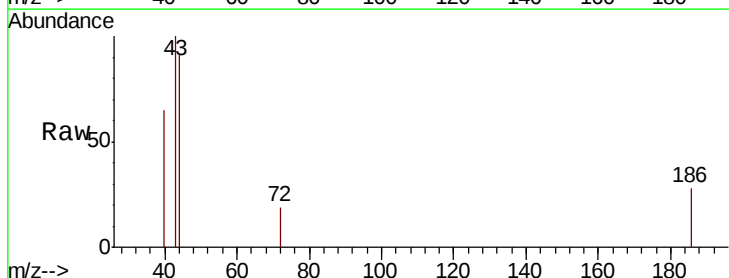
Instrument :
MSVOA_N
ClientSampleId :
COMP-20

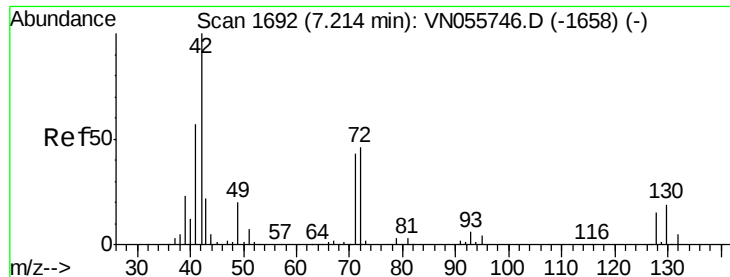
Tot Ion:	84	Resp:	27215
Ion	Ratio	Lower	Upper
84	100		
49	112.0	93.5	140.3
51	33.5	28.6	43.0
86	62.8	52.6	79.0



#25
2-Butanone
Concen: 0.526 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Tgt Ion:	43	Resp:	1538
Ion	Ratio	Lower	Upper
43	100		
72	19.0	21.9	32.9#





#29

Tetrahydrofuran

Concen: 0.419 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

COMP-20

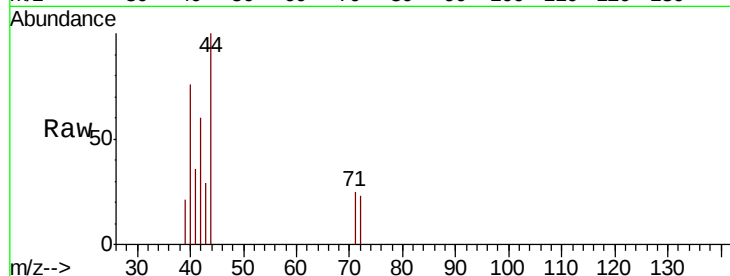
Tot Ion: 42 Resp: 776

Ion Ratio Lower Upper

42 100

72 7.7 35.9 53.9#

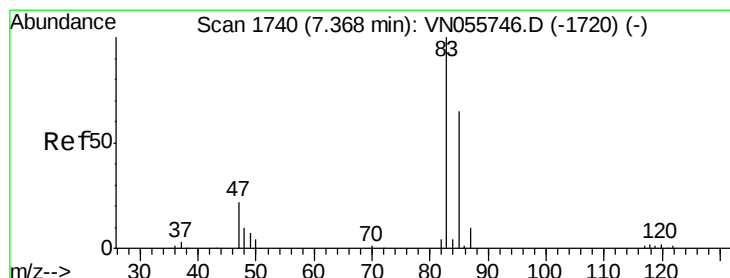
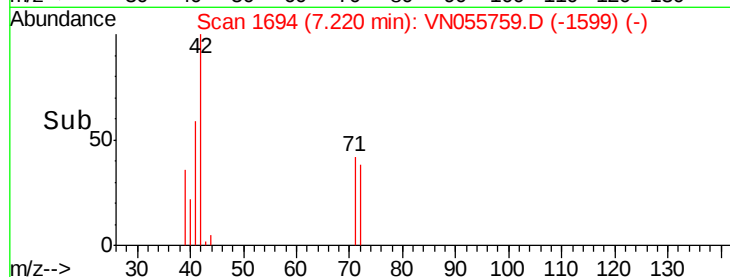
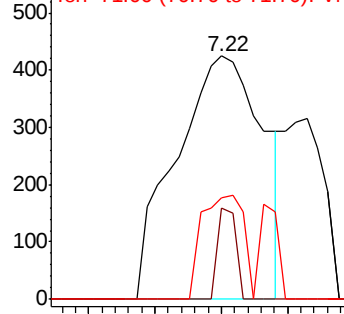
71 20.5 34.0 51.0#



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



#30

Chloroform

Concen: 0.234 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055759.D

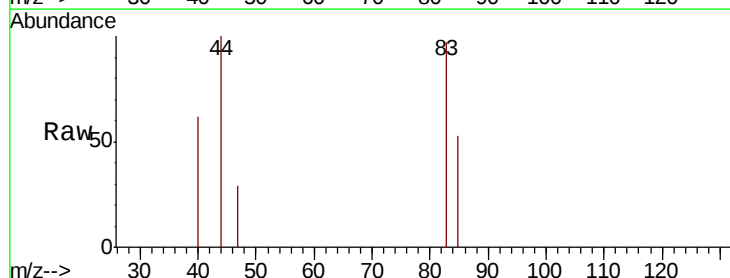
Acq: 23 May 2019 17:36

Tgt Ion: 83 Resp: 1781

Ion Ratio Lower Upper

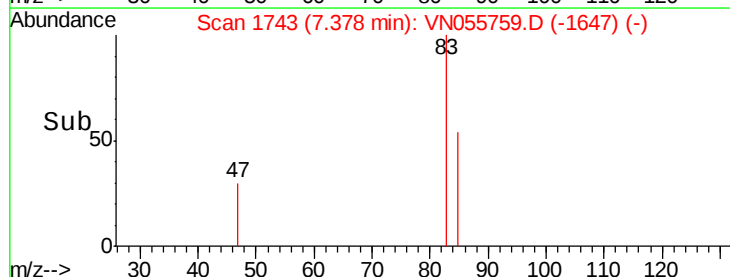
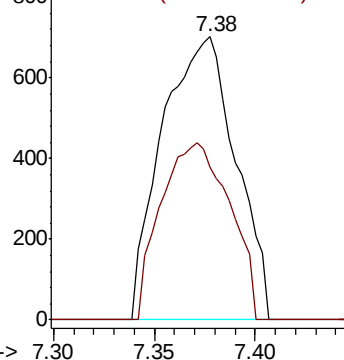
83 100

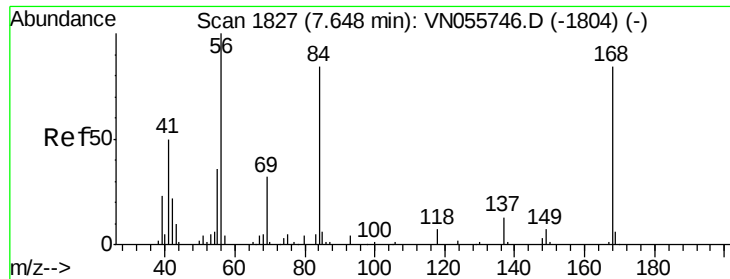
85 54.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

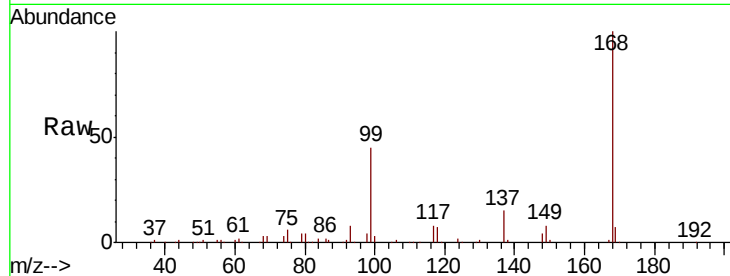




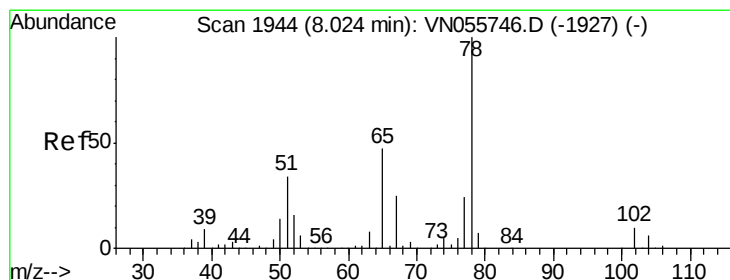
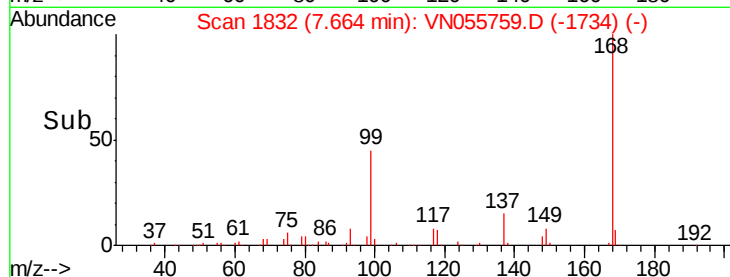
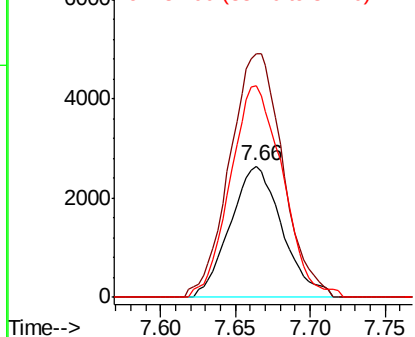
#31
Cyclohexane
Concen: 0.895 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :
COMP-20

Tot Ion: 56 Resp: 6398
Ion Ratio Lower Upper
56 100
69 184.7 25.6 38.4#
84 160.4 67.4 101.0#

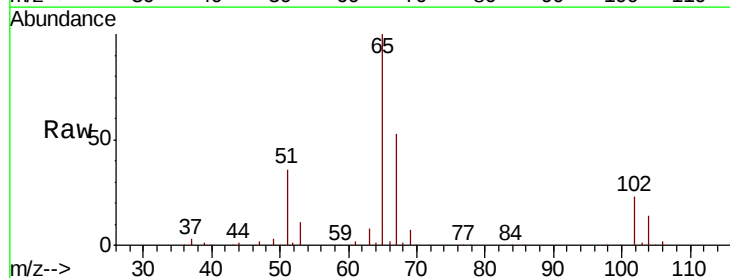


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

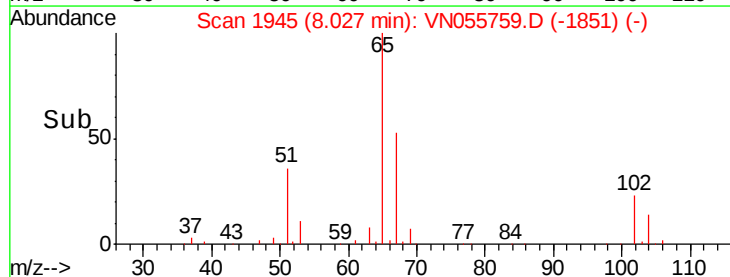
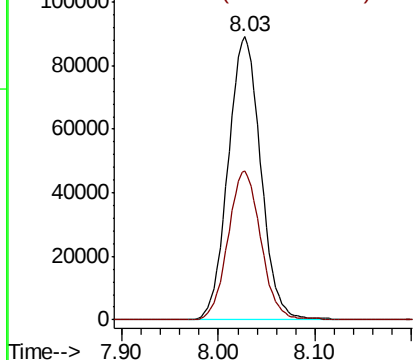


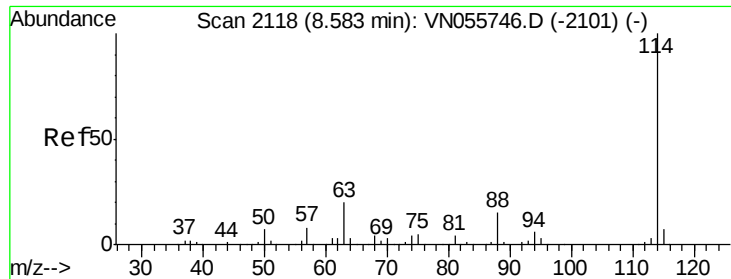
#33
1,2-Dichloroethane-d4
Concen: 43.885 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Tgt Ion: 65 Resp: 209101
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.2



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

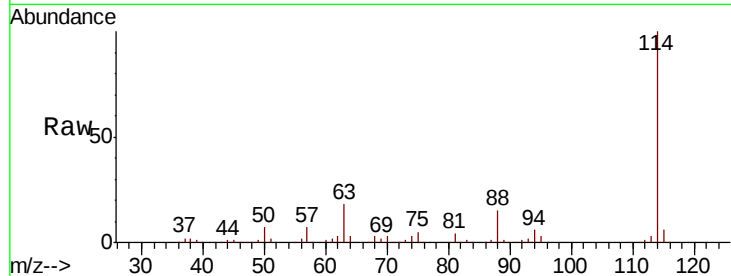




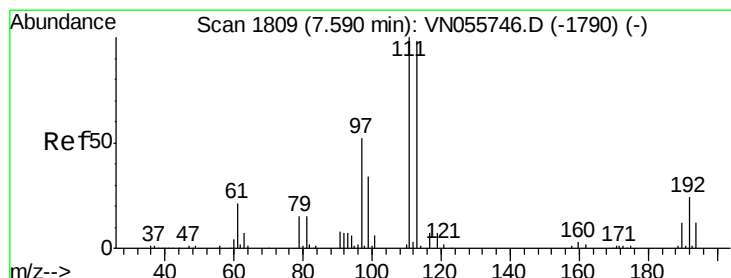
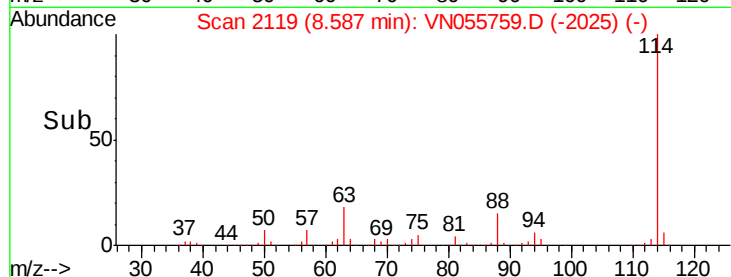
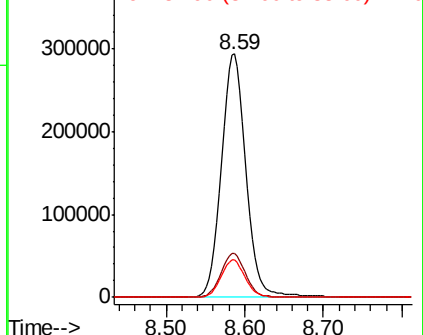
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-20

Tot Ion:114 Resp: 631848
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 15.2 0.0 31.0

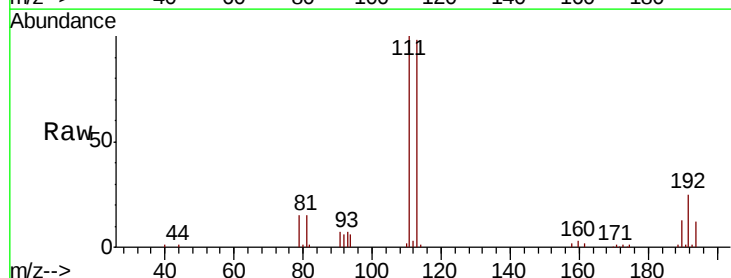


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

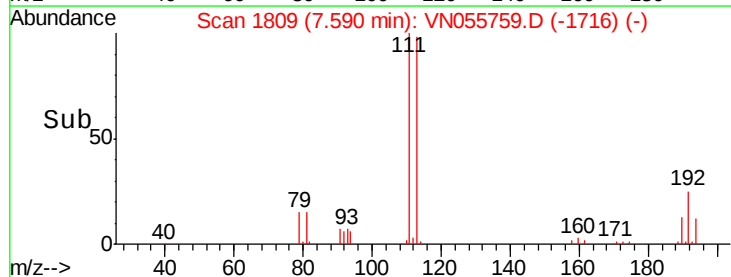
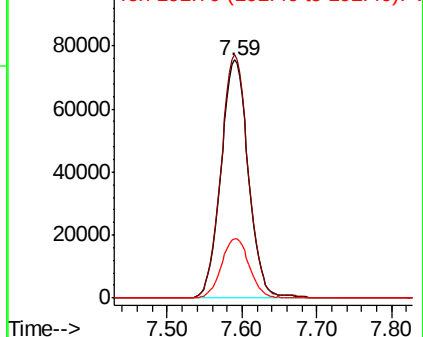


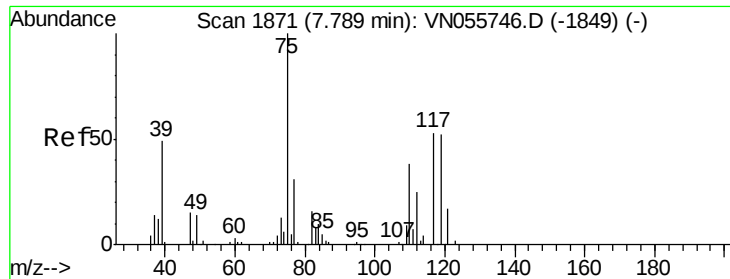
#35
 Dibromofluoromethane
 Concen: 48.011 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

Tgt Ion:113 Resp: 191792
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.9 122.9
 192 25.4 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

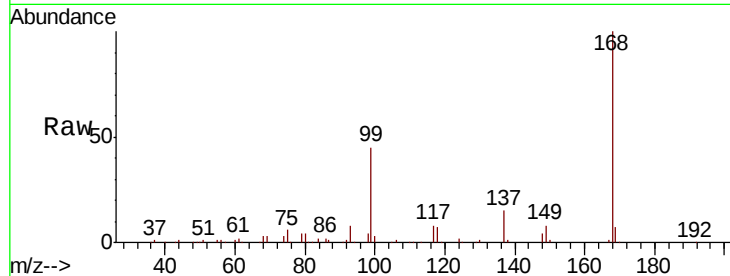




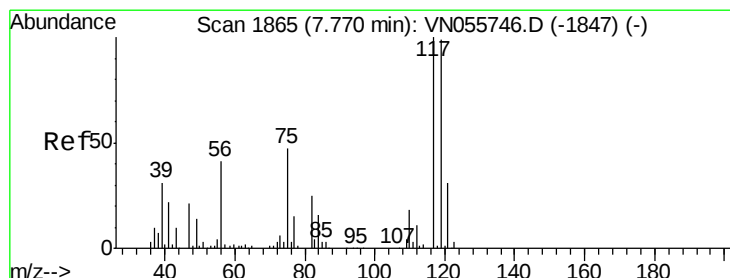
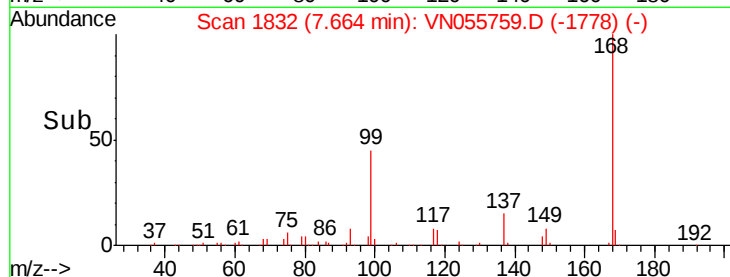
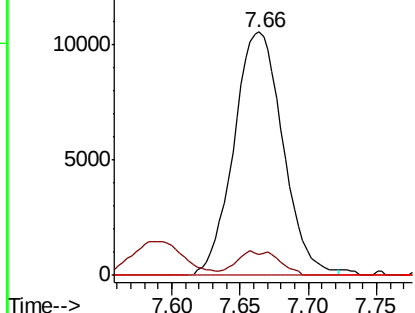
#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-20

Tot Ion	75	Resp	26369
Ion Ratio	Lower	Upper	
75	100		
110	3.3	19.0	57.0#
77	0.0	25.1	37.7#

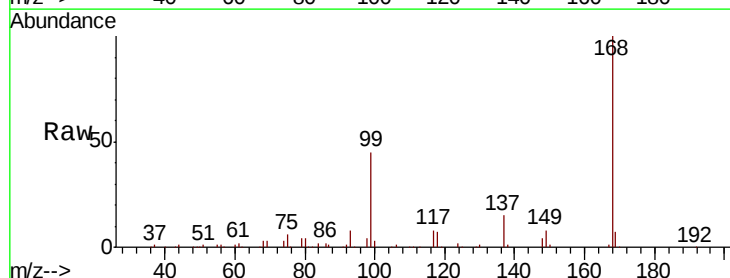


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

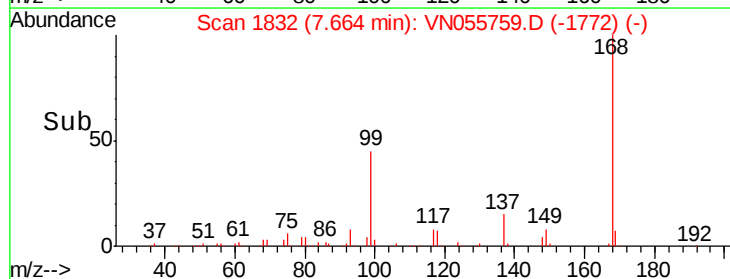
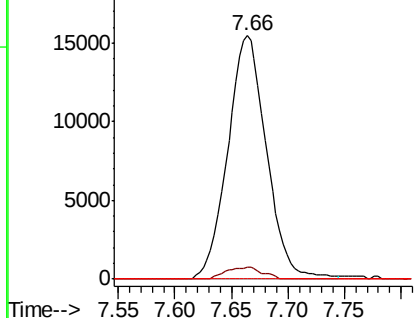


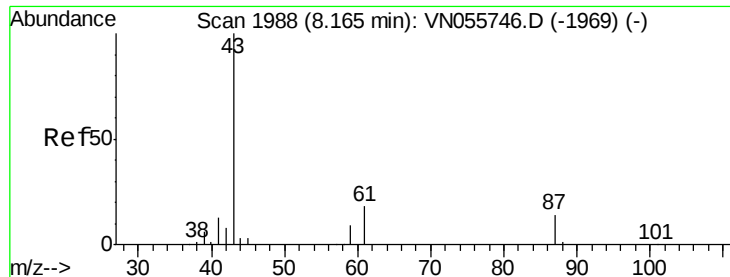
#38
 Carbon Tetrachloride
 Concen: 6.420 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

Tgt Ion	117	Resp	36820
Ion Ratio	Lower	Upper	
117	100		
119	4.7	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: 1.577 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

COMP-20

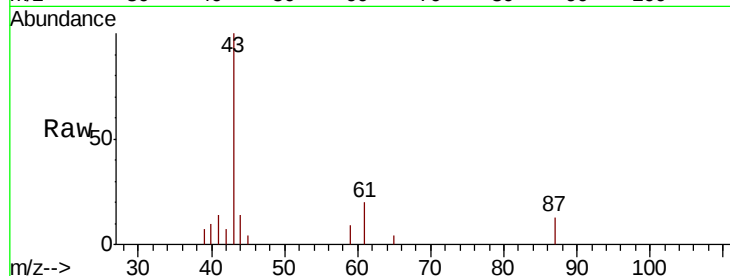
Tot Ion: 43 Resp: 14101

Ion Ratio Lower Upper

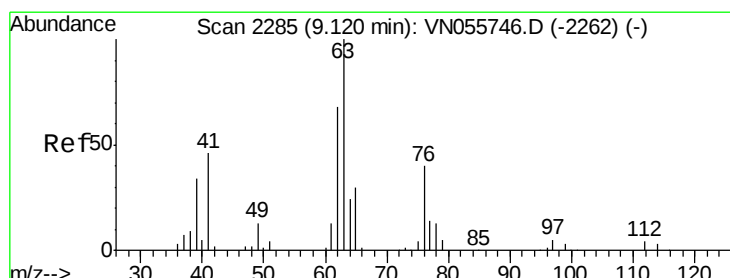
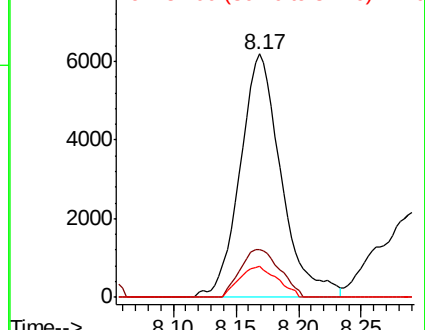
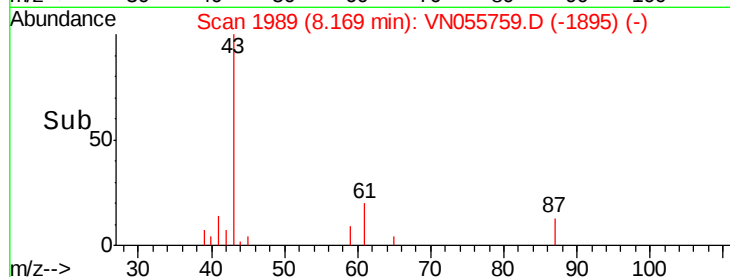
43 100

61 19.0 22.2 33.4#

87 11.8 11.4 17.2



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



#45

1,2-Dichloropropane

Concen: 0.338 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055759.D

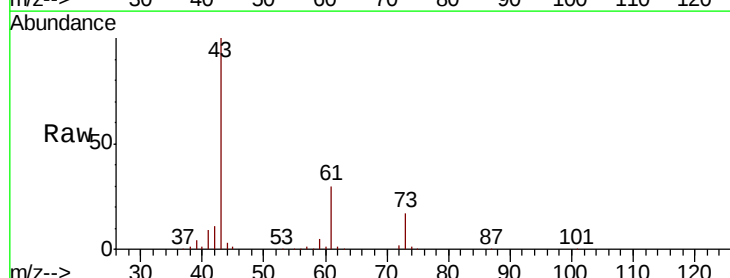
Acq: 23 May 2019 17:36

Tgt Ion: 63 Resp: 1461

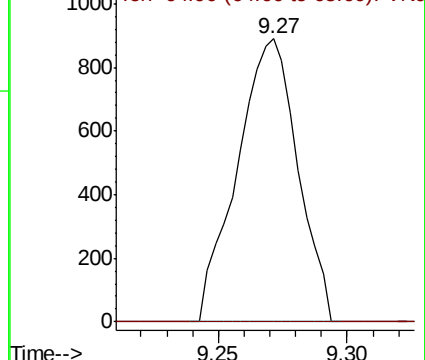
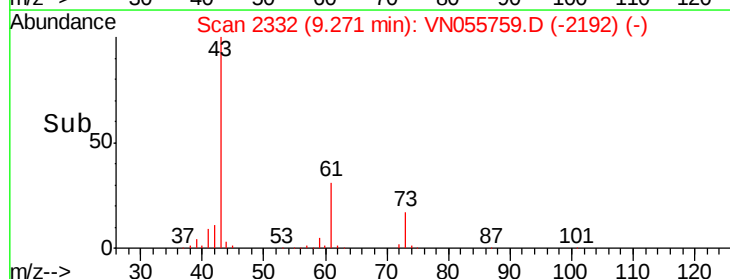
Ion Ratio Lower Upper

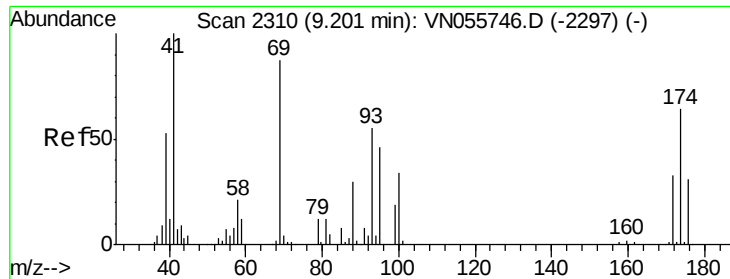
63 100

65 0.0 24.6 36.8#



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

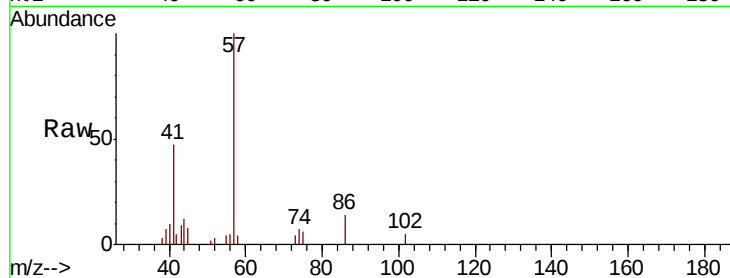




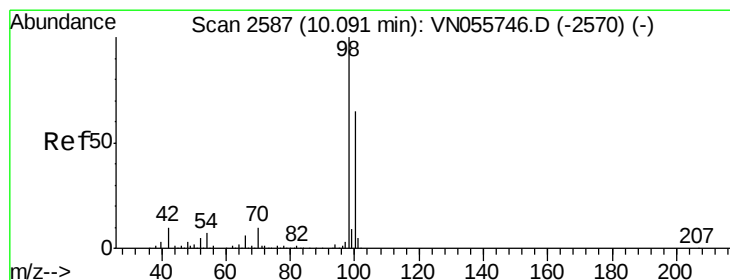
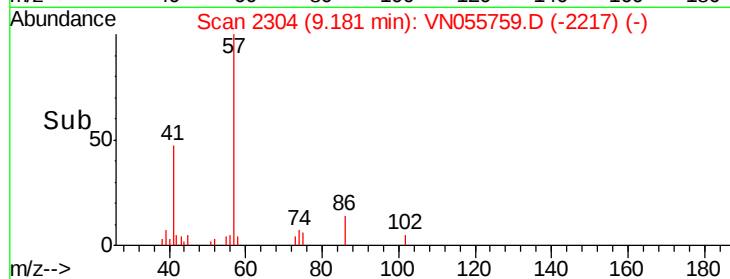
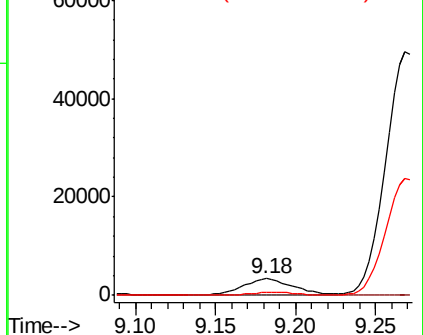
#48
Methvl methacrylate
Concen: 1.814 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :
COMP-20

Tot Ion: 41 Resp: 7476
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#

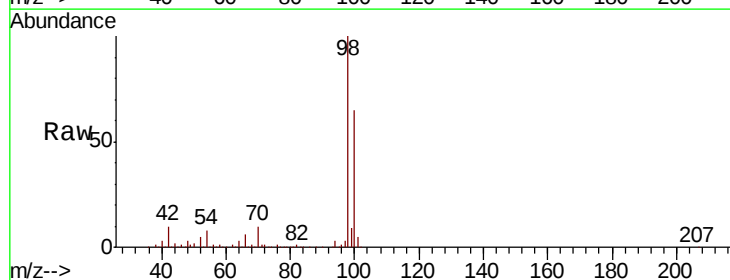


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

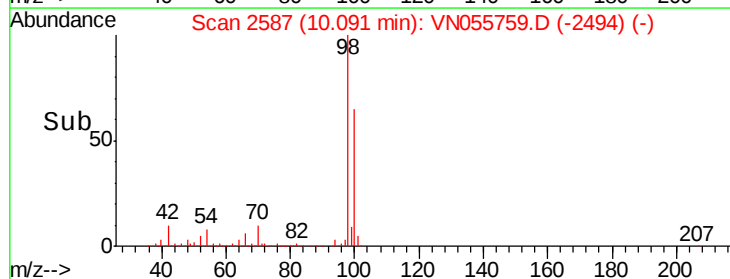
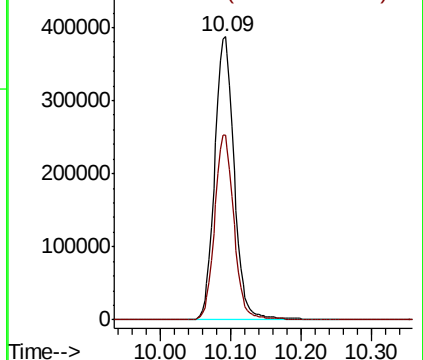


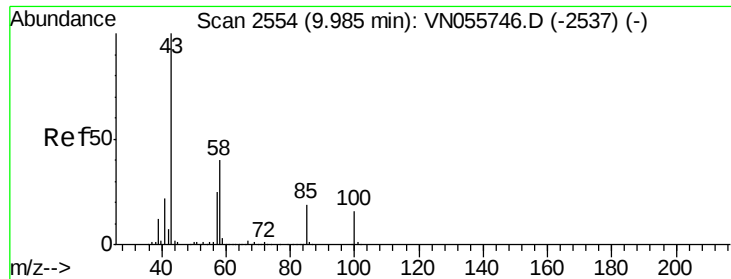
#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Tgt Ion: 98 Resp: 745764
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



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: 0.745 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

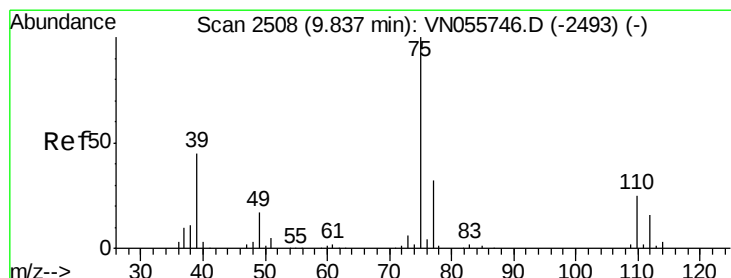
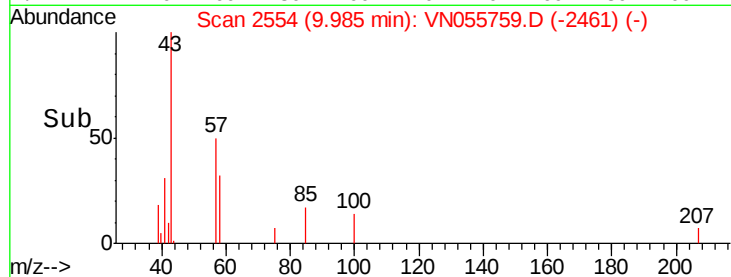
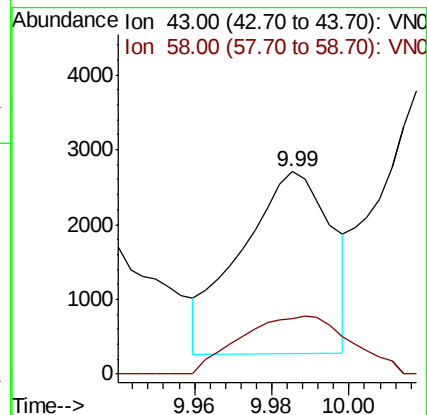
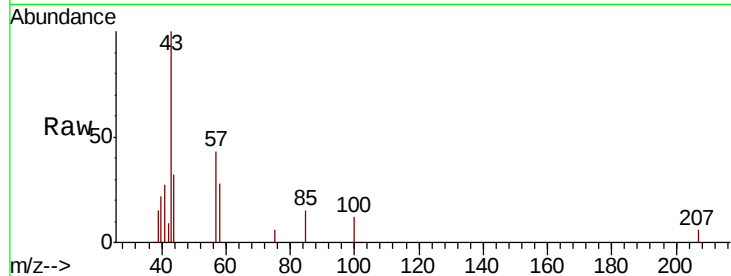
COMP-20

Tot Ion: 43 Resp: 3935

Ion Ratio Lower Upper

43 100

58 39.1 32.1 48.1



#54

cis-1,3-Dichloropropene

Concen: 7.471 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

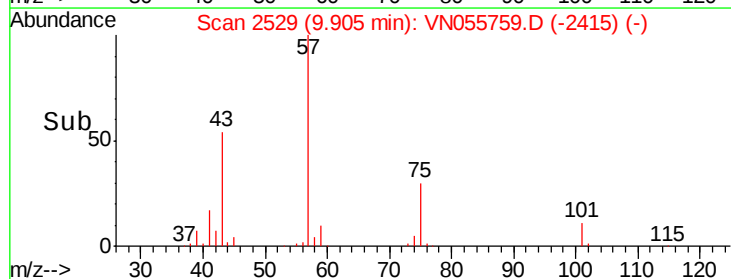
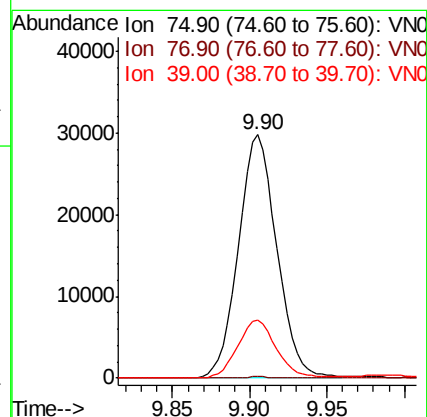
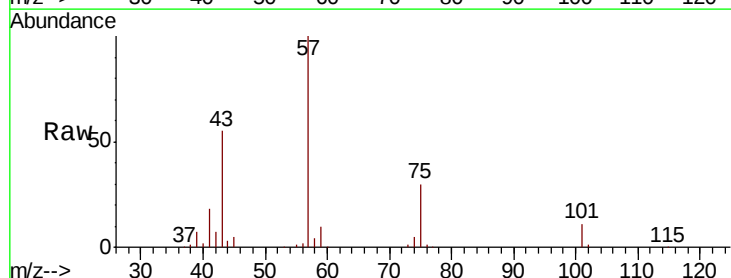
Tgt Ion: 75 Resp: 51369

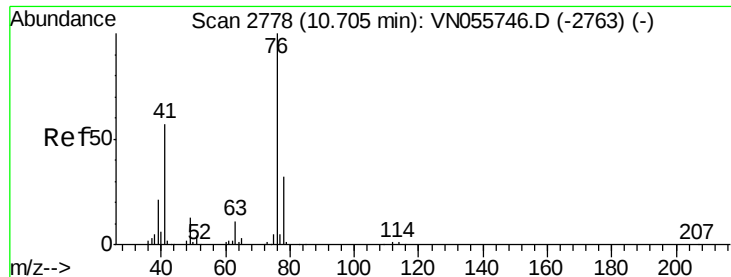
Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

39 23.6 36.3 54.5#





#57

1,3-Dichloropropane

Concen: 1.415 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

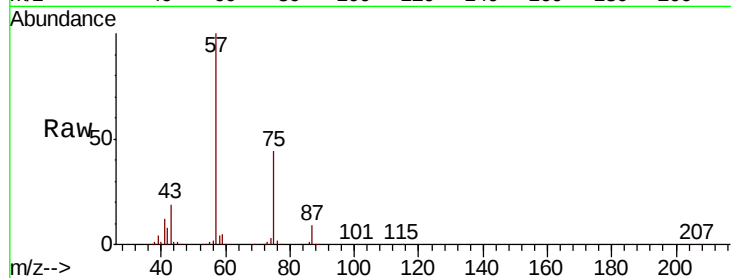
COMP-20

Tot Ion: 76 Resp: 9615

Ion Ratio Lower Upper

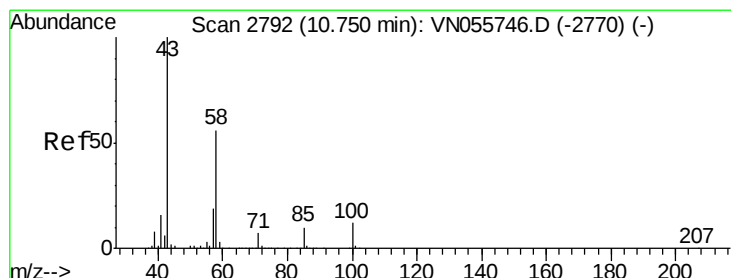
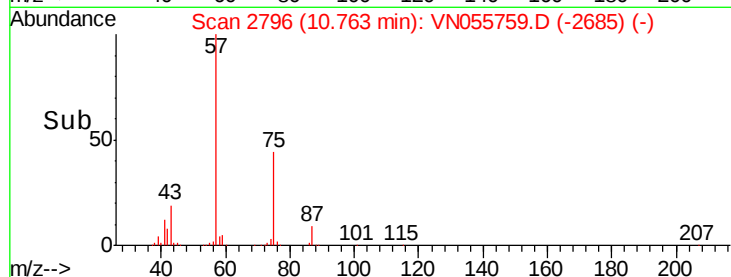
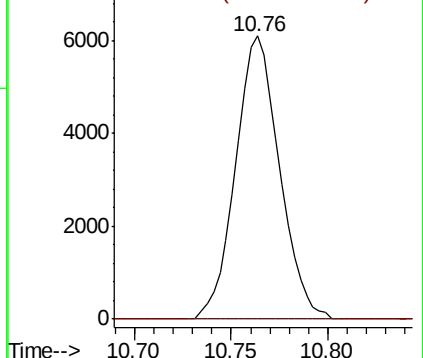
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 34.282 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055759.D

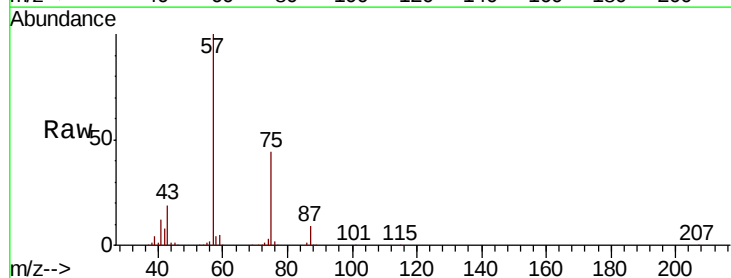
Acq: 23 May 2019 17:36

Tgt Ion: 43 Resp: 128431

Ion Ratio Lower Upper

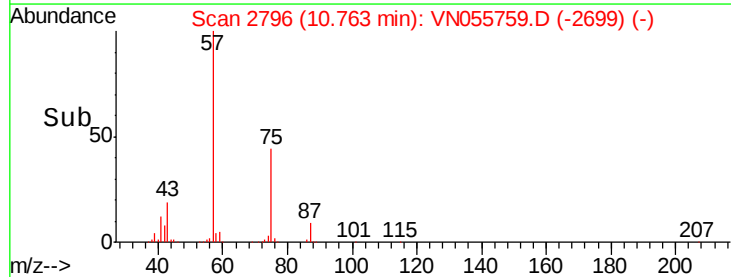
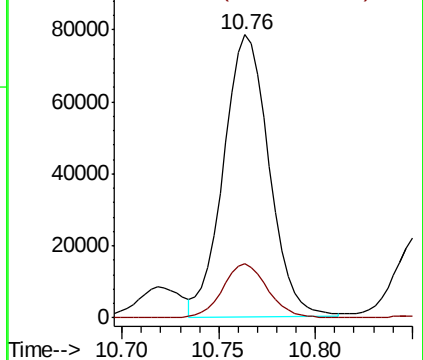
43 100

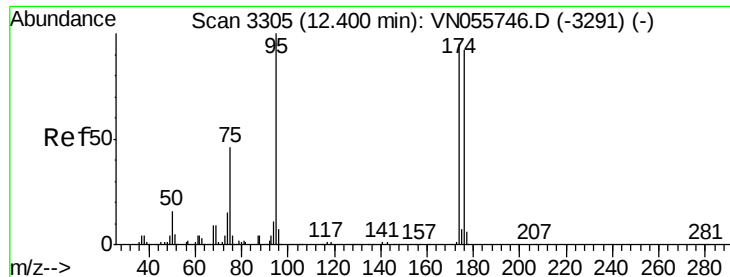
58 19.1 28.2 84.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

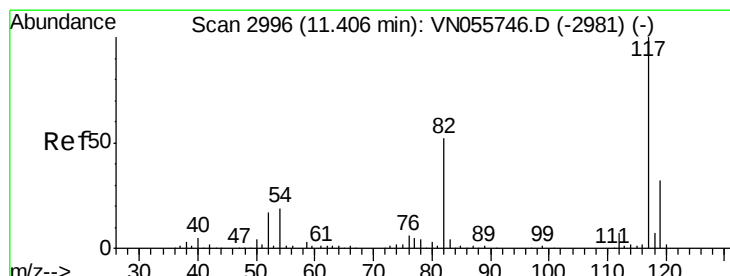
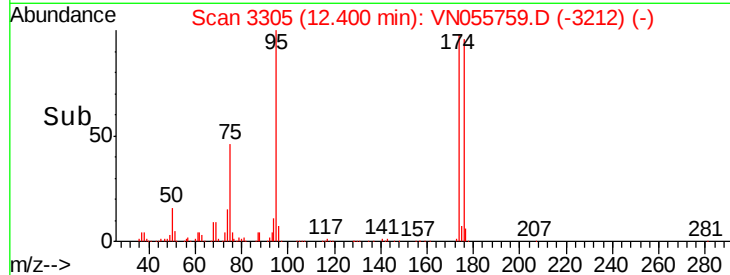
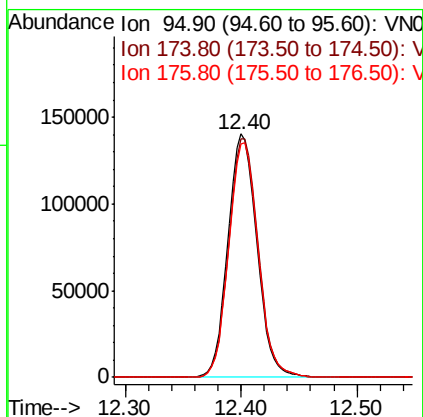
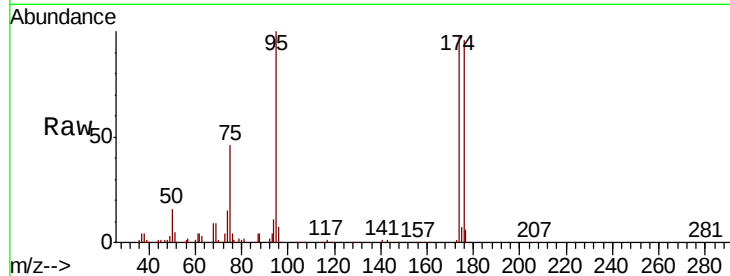




#62
4-Bromofluorobenzene
Concen: 46.084 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

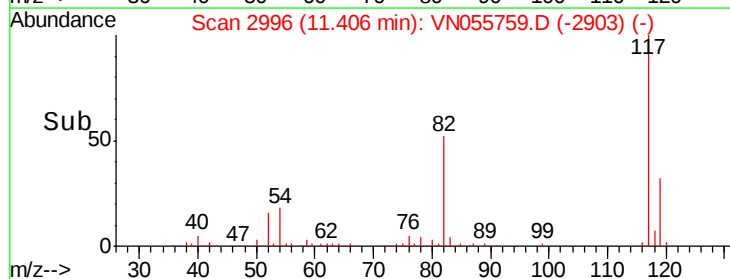
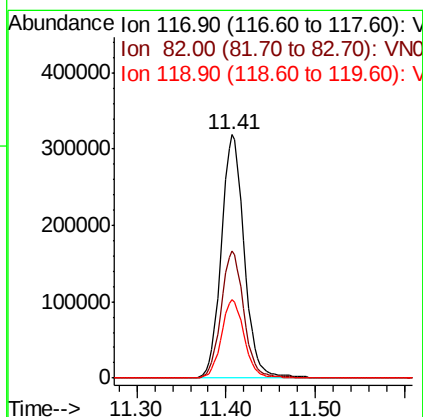
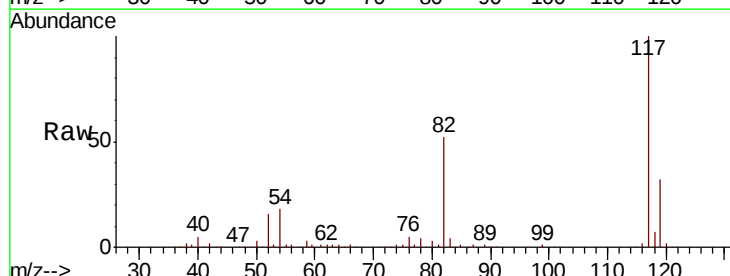
Instrument :
MSVOA_N
ClientSampleId :
COMP-20

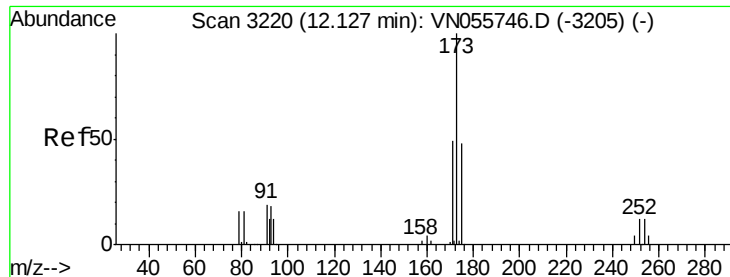
Tot Ion: 95 Resp: 242140
Ion Ratio Lower Upper
95 100
174 99.5 0.0 191.0
176 97.3 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055759.D
Acq: 23 May 2019 17:36

Tgt Ion: 117 Resp: 566161
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.3 25.4 38.0





#71

Bromoform

Concen: 0.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

COMP-20

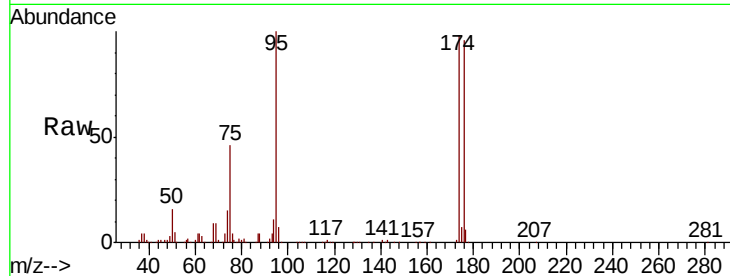
Tot Ion:173 Resp: 1726

Ion Ratio Lower Upper

173 100

175 872.0 24.3 72.8#

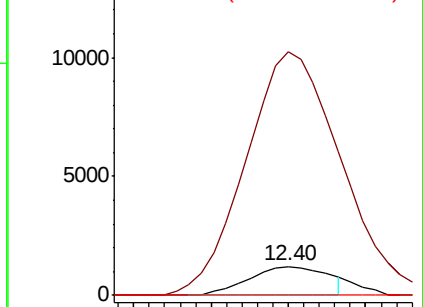
254 0.0 0.0 0.0



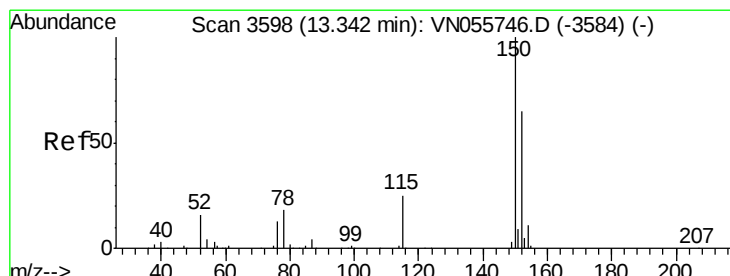
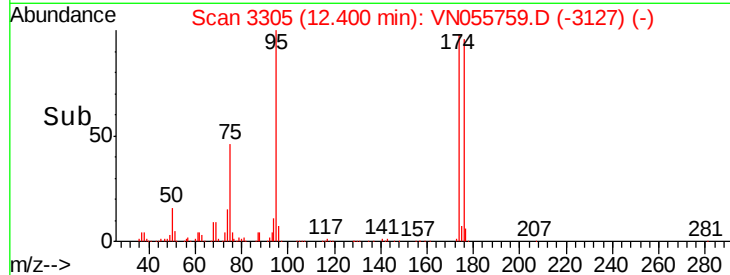
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

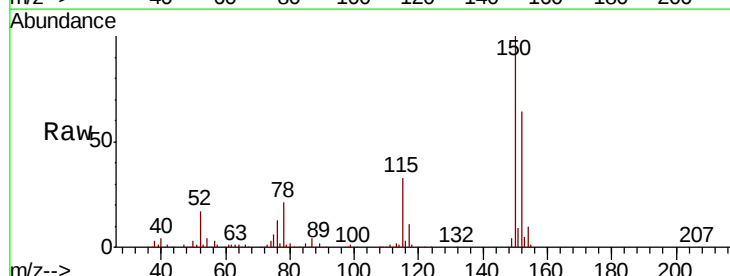
Tgt Ion:152 Resp: 214051

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

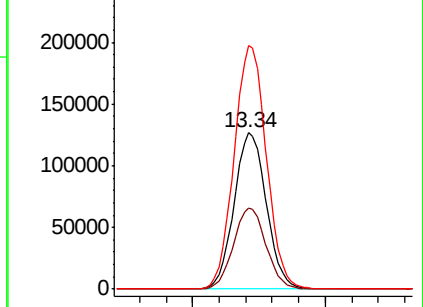
150 155.7 0.0 343.2



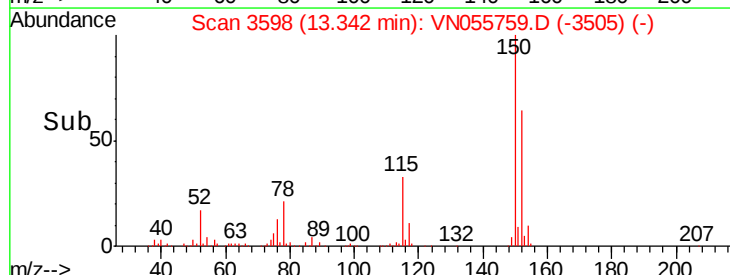
Abundance Ion 151.90 (151.60 to 152.60): V

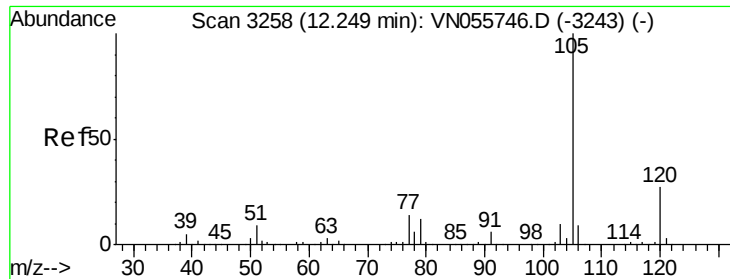
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

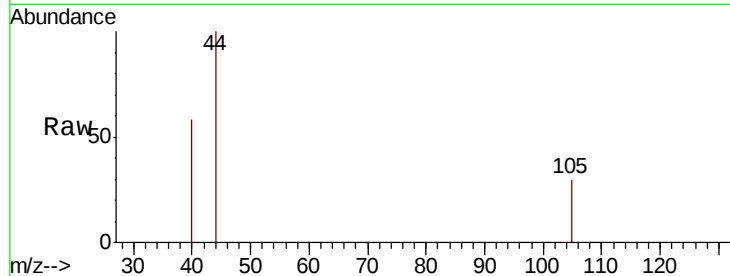
COMP-20

Tot Ion:105 Resp: 292

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250

200

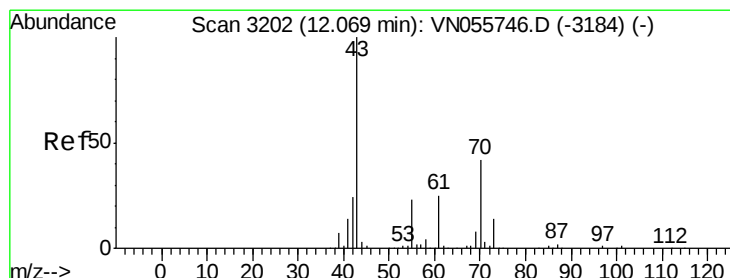
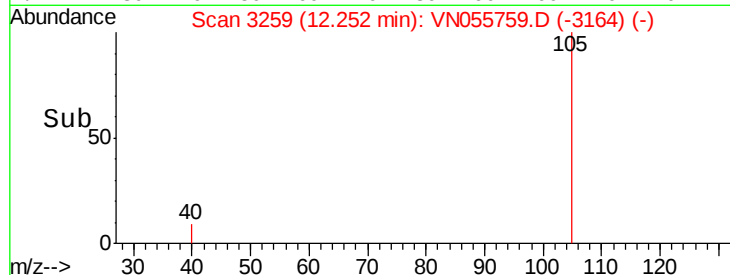
150

100

50

0

Time--> 12.22 12.24 12.26



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Tgt Ion: 43 Resp: 525

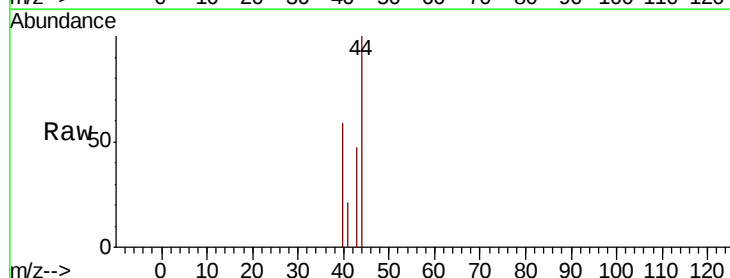
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



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

600

500

400

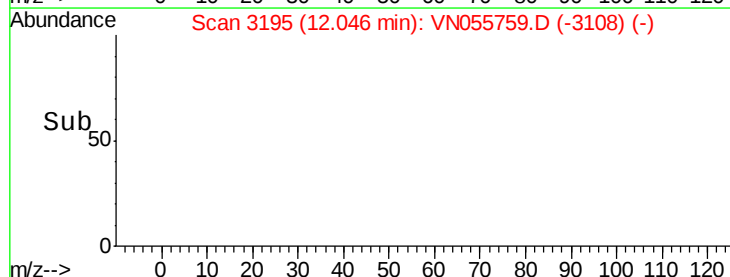
300

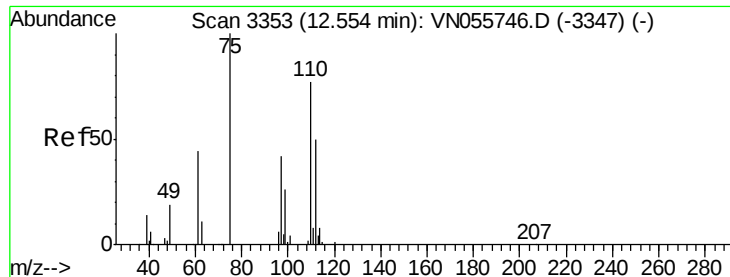
200

100

0

Time--> 12.00 12.05





#76

1,2,3-Trichloropropane

Concen: 28.875 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

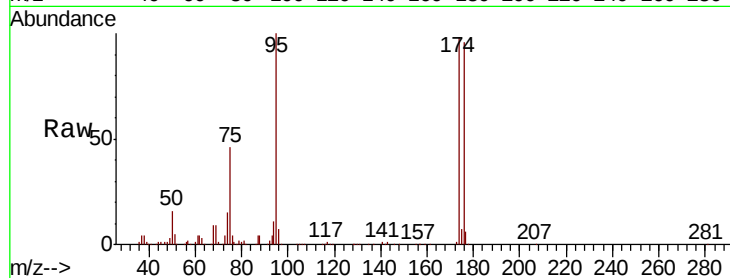
COMP-20

Tot Ion: 75 Resp: 111329

Ion Ratio Lower Upper

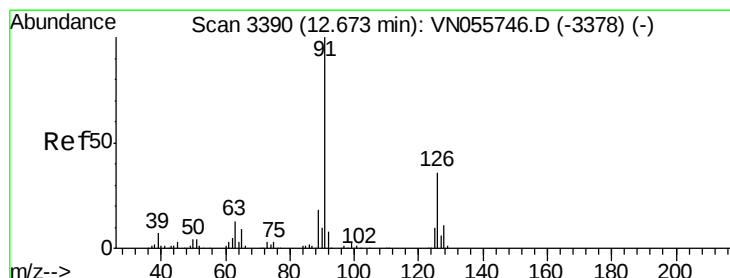
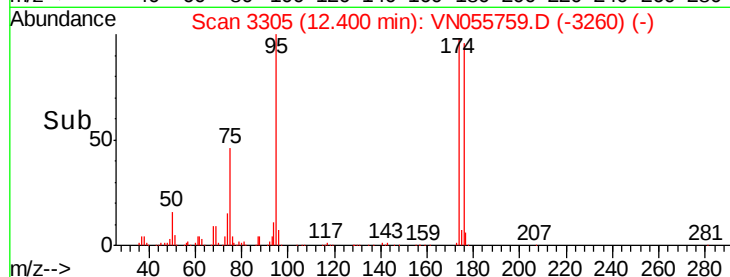
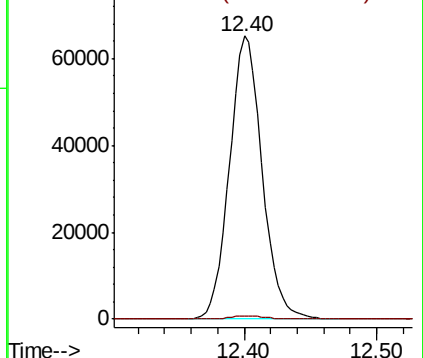
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN055759.D

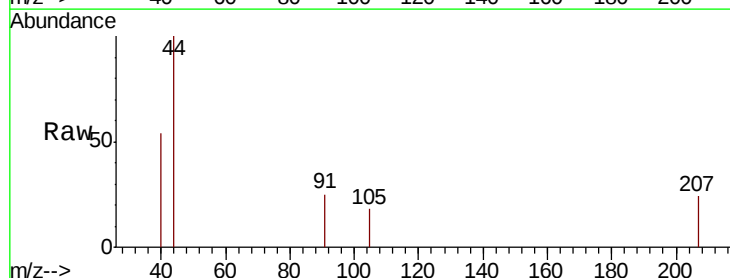
Acq: 23 May 2019 17:36

Tgt Ion: 91 Resp: 460

Ion Ratio Lower Upper

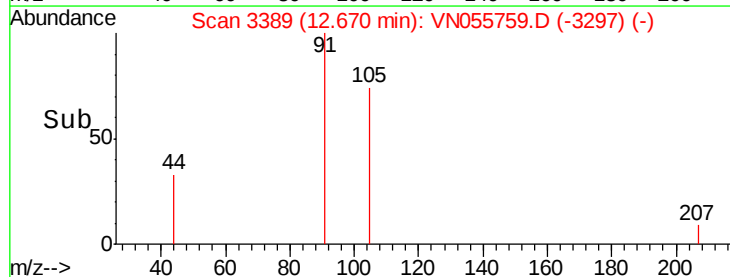
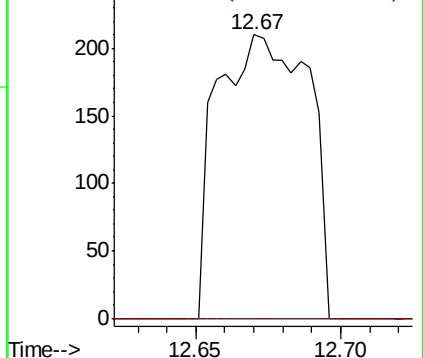
91 100

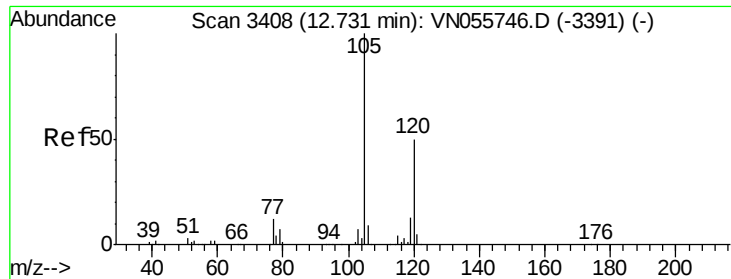
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

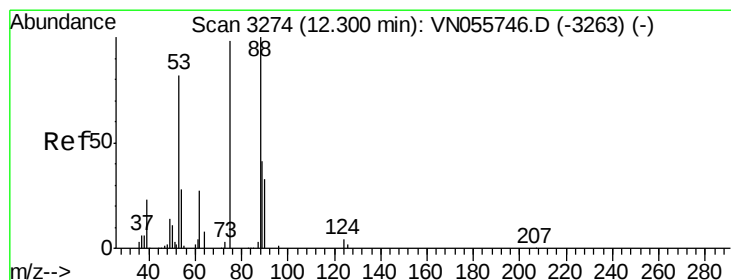
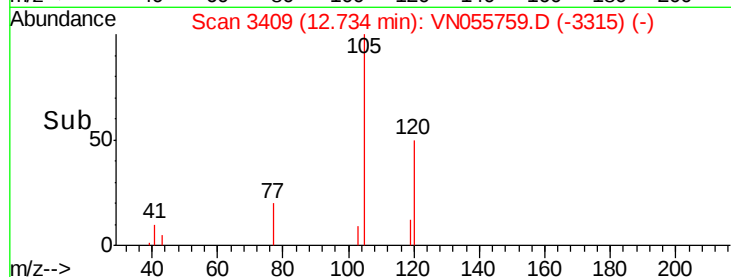
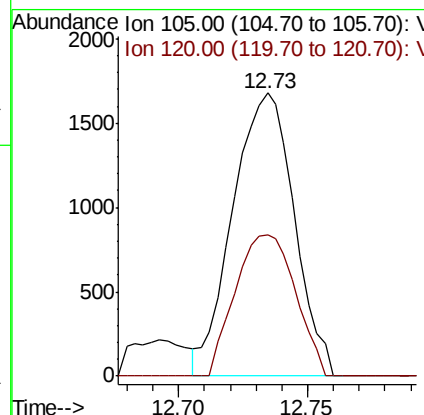
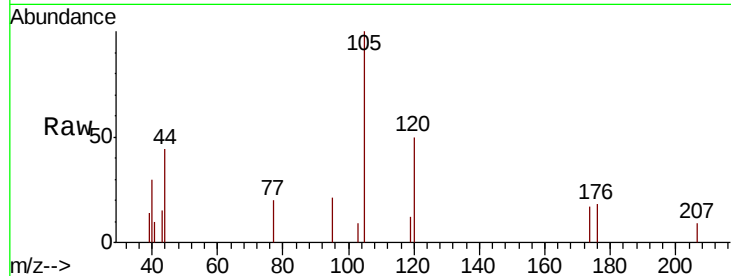




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

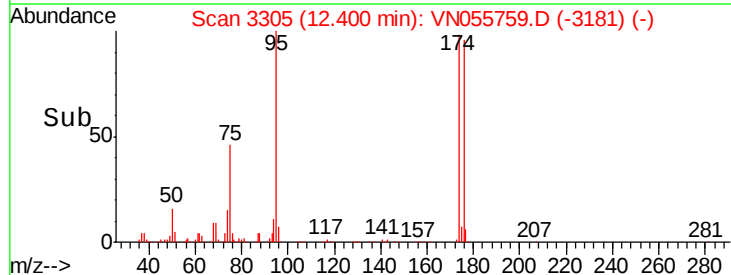
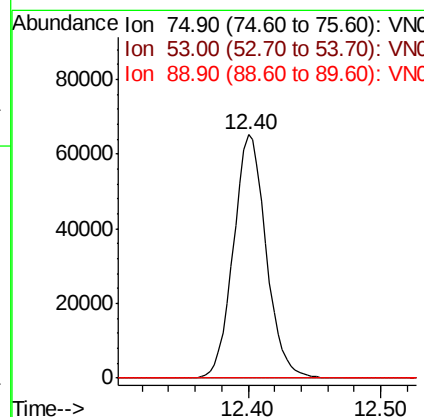
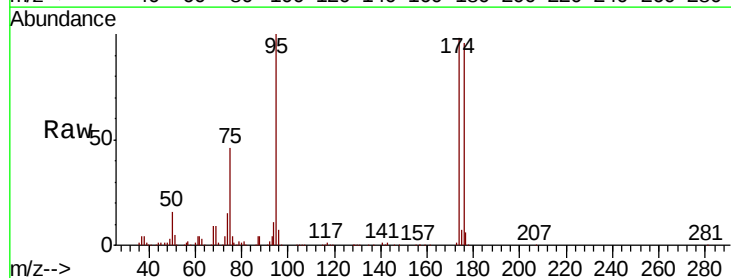
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-20

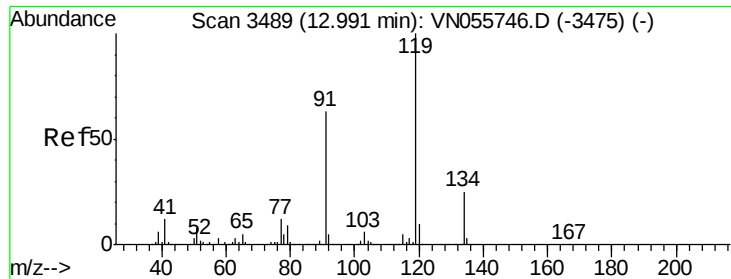
Tot Ion: 105 Resp: 2785
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.979 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055759.D
 Acq: 23 May 2019 17:36

Tgt Ion: 75 Resp: 111329
 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: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

COMP-20

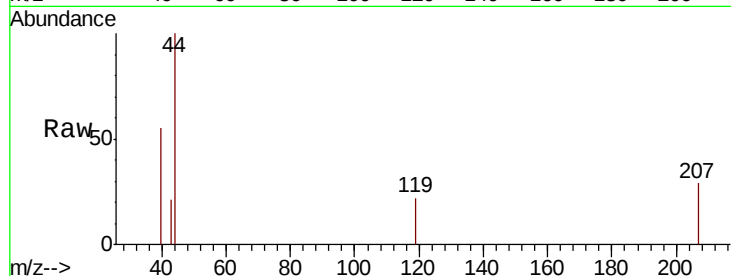
Tot Ion:119 Resp: 96

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

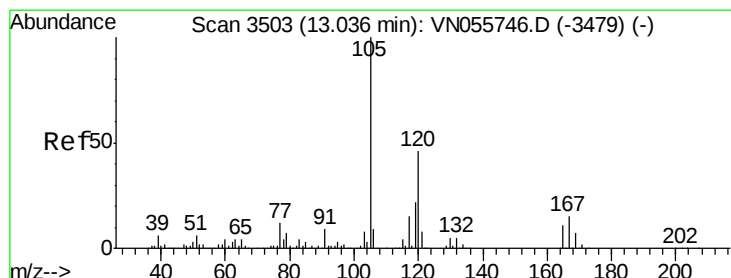
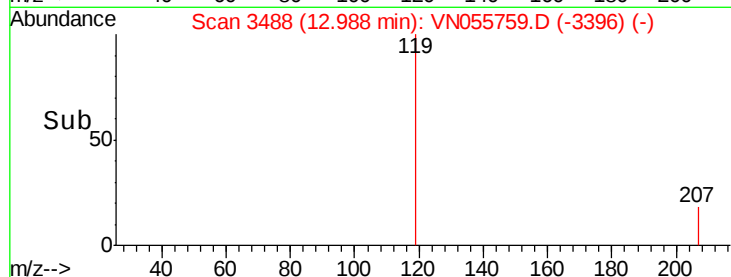
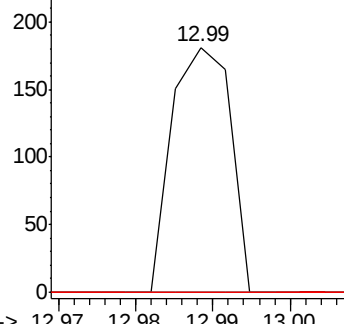
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055759.D

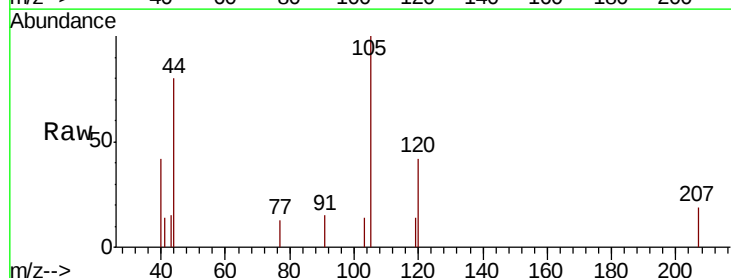
Acq: 23 May 2019 17:36

Tgt Ion:105 Resp: 1807

Ion Ratio Lower Upper

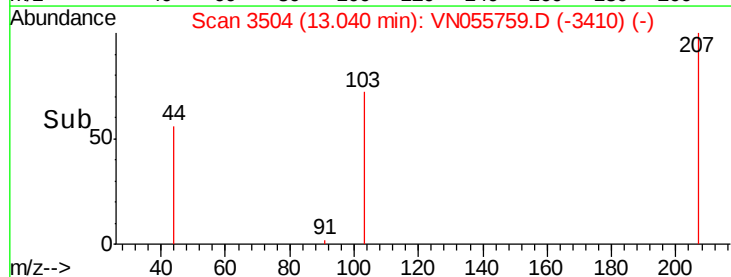
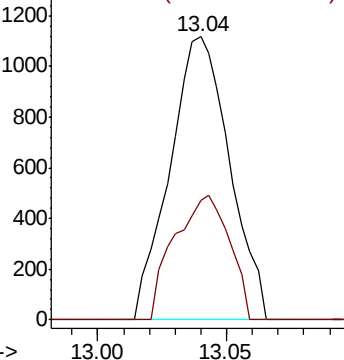
105 100

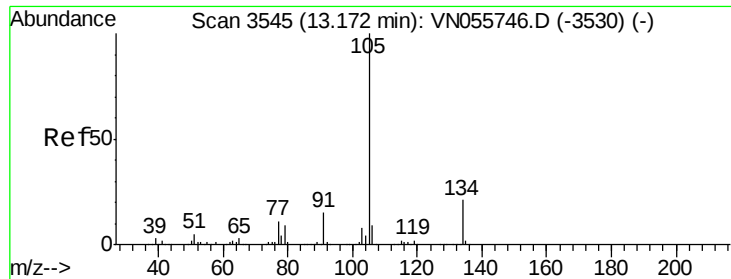
120 40.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

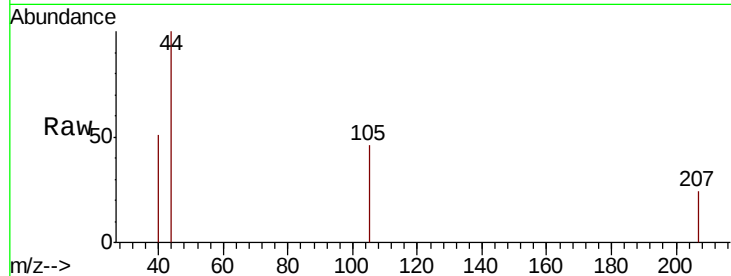
COMP-20

Tot Ion:105 Resp: 619

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

13.17

400

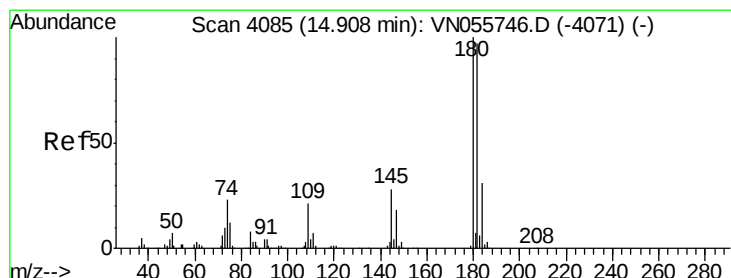
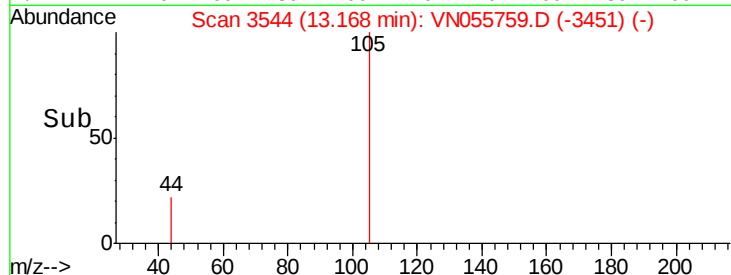
300

200

100

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.712 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

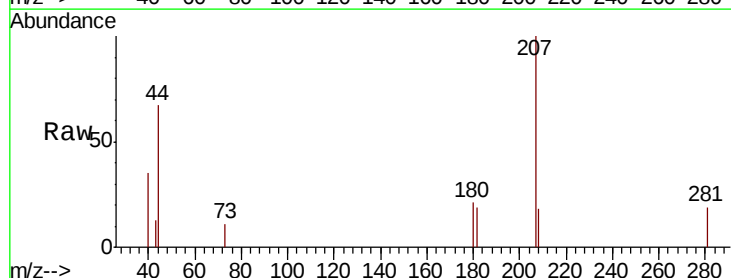
Tgt Ion:180 Resp: 338

Ion Ratio Lower Upper

180 100

182 105.6 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

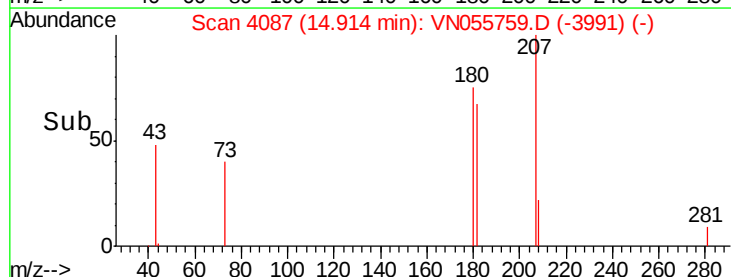
300

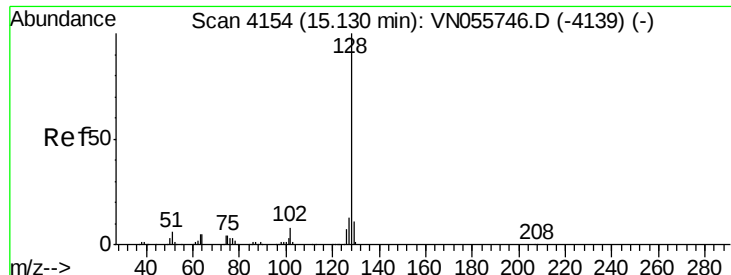
200

100

0

Time-->





#95

Naphthalene

Concen: 0.637 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055759.D

Acq: 23 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

COMP-20

Tot Ion:128 Resp: 6306

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.4 8.7 13.1

