

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055761.D
 Acq On : 23 May 2019 18:26
 Operator : JC/SP
 Sample : K2994-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-S

Quant Time: May 24 06:50:17 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	435769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	600997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184141	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	200313	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
35) Dibromofluoromethane	7.59	113	185534	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.09	98	708687	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	220075	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	

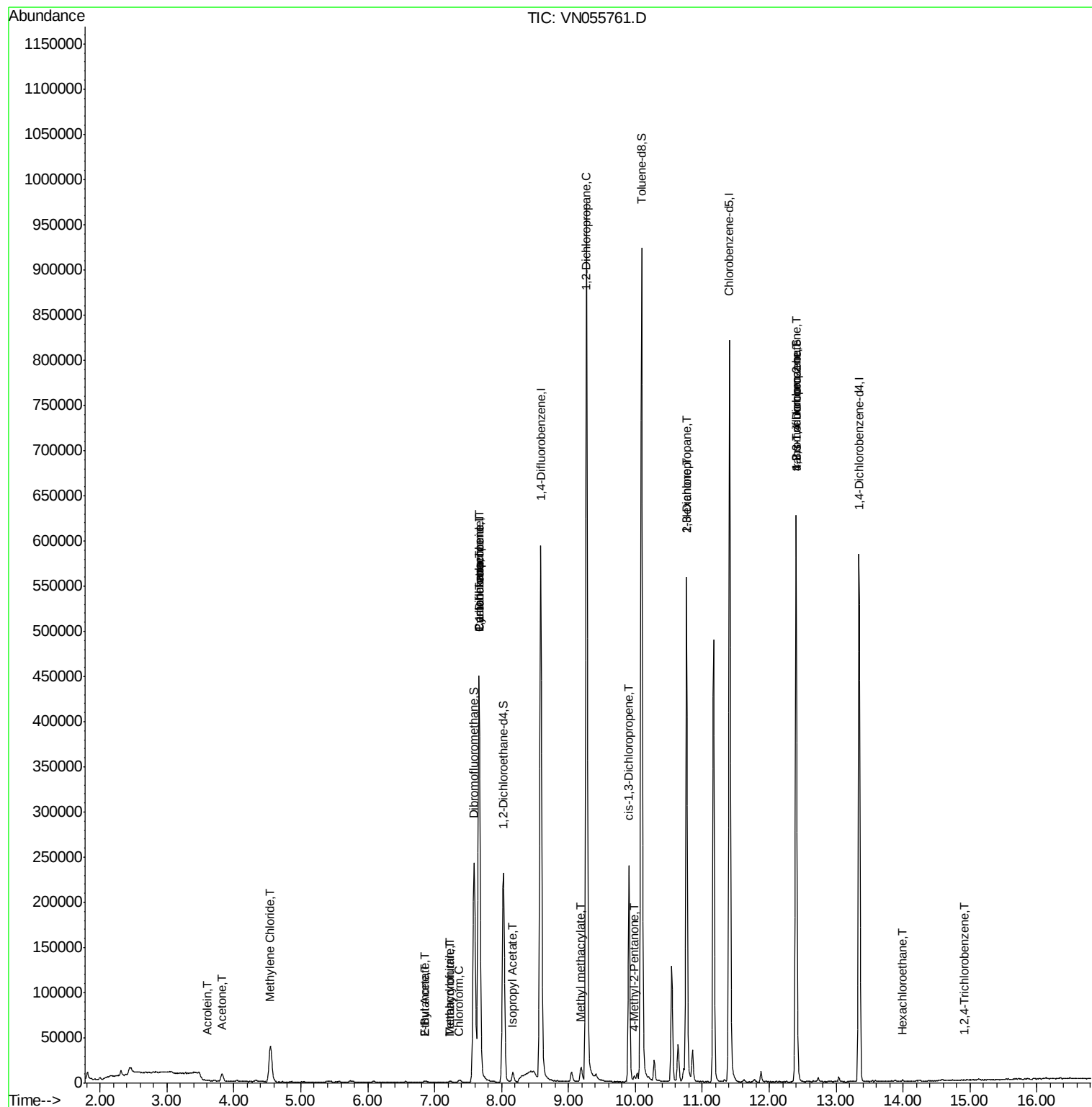
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	469	0.762	ug/l #	1
16) Acetone	3.82	43	13584	6.867	ug/l	98
18) Methyl Acetate	4.34	43	4359	Below Cal	#	85
20) Methylene Chloride	4.55	84	32452	7.575	ug/l	96
25) 2-Butanone	6.86	43	3624	1.312	ug/l	95
29) Tetrahydrofuran	7.22	42	1038	0.593	ug/l #	52
30) Chloroform	7.37	83	2978	0.415	ug/l	91
31) Cyclohexane	7.66	56	6035	0.893	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24631	4.703	ug/l #	48
37) Ethyl Acetate	6.86	43	3624	0.716	ug/l #	67
38) Carbon Tetrachloride	7.66	117	34393	6.304	ug/l #	14
41) Methacrylonitrile	7.22	41	588	0.230	ug/l #	19
43) Isopropyl Acetate	8.17	43	14026	1.649	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1255	0.305	ug/l #	44
48) Methyl methacrylate	9.18	41	7163	1.827	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4268	0.850	ug/l #	85
54) cis-1,3-Dichloropropene	9.90	75	47101	7.202	ug/l #	58
57) 1,3-Dichloropropane	10.77	76	6205	0.960	ug/l #	42
59) 2-Hexanone	10.76	43	80632	22.628	ug/l #	50
73) Isopropylbenzene	12.25	105	375	Below Cal	#	48
74) N-amyl acetate	12.10	43	252	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	101667	30.859	ug/l #	100
79) 2-Chlorotoluene	12.66	91	138	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2304	Below Cal		93
81) trans-1,4-Dichloro-2-buten	12.40	75	101667	74.286	ug/l #	15
83) tert-Butylbenzene	13.04	119	384	Below Cal	#	51
84) 1,2,4-Trimethylbenzene	13.04	105	3612	Below Cal		96
85) sec-Butylbenzene	13.17	105	348	Below Cal	#	55
90) Hexachloroethane	14.00	117	762	0.313	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	90	3.660	ug/l #	12

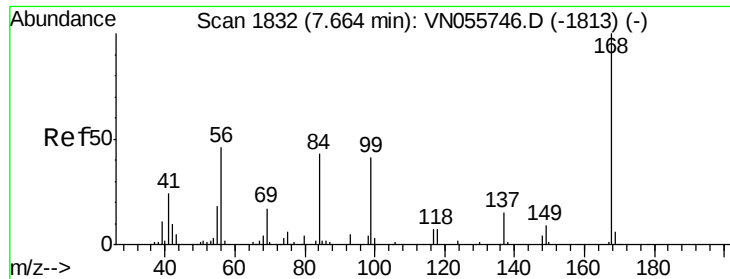
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

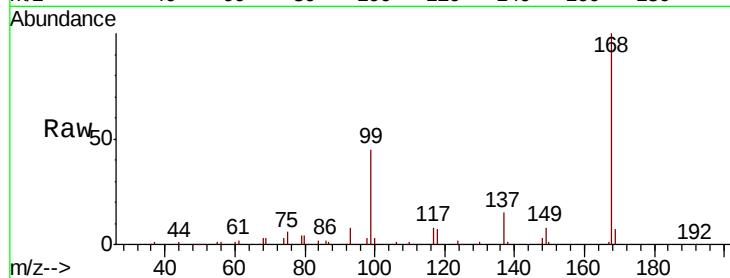
TP-6-S

Tot Ion:168 Resp: 435769

Ion Ratio Lower Upper

168 100

99 45.1 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

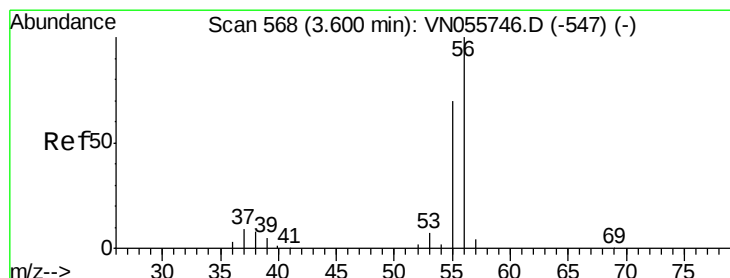
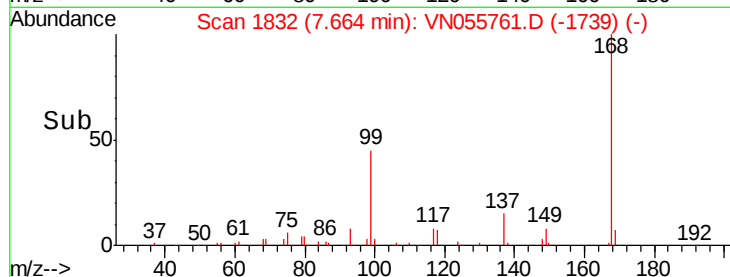
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.762 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055761.D

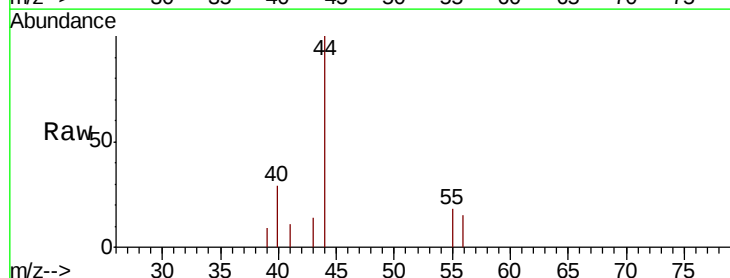
Acq: 23 May 2019 18:26

Tgt Ion: 56 Resp: 469

Ion Ratio Lower Upper

56 100

55 212.2 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055746.D (-547) (-)

Ion 55.00 (54.70 to 55.70): VN055746.D (-547) (-)

3.60

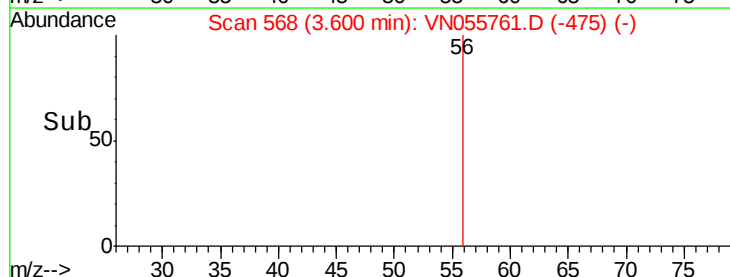
300

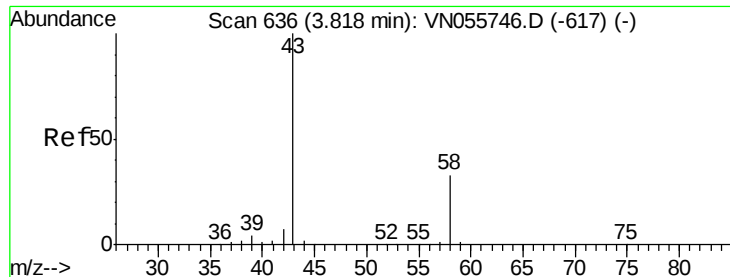
200

100

0

Time-->





#16

Acetone

Concen: 6.867 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

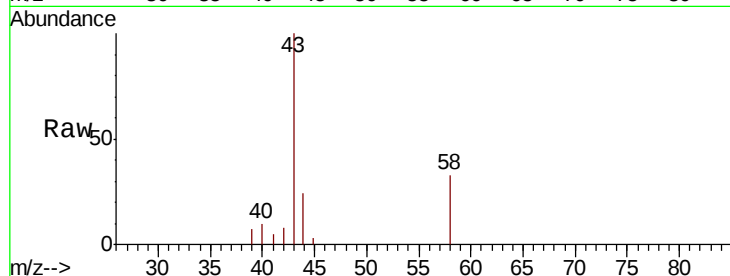
TP-6-S

Tot Ion: 43 Resp: 13584

Ion Ratio Lower Upper

43 100

58 34.6 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

6000

5000

4000

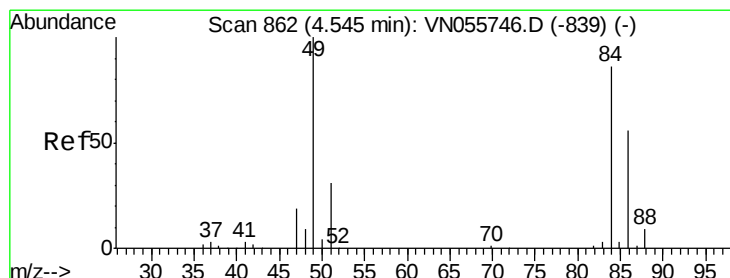
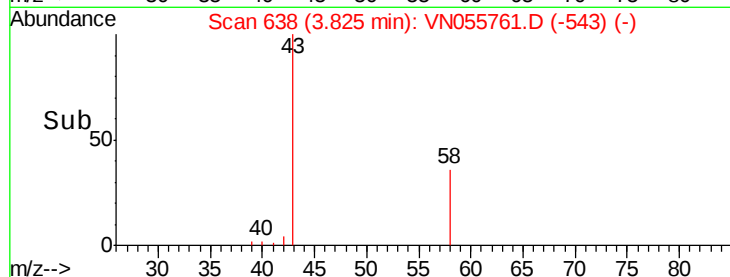
3000

2000

1000

0

Time--> 3.70 3.80 3.90



#20

Methylene Chloride

Concen: 7.575 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Tgt Ion: 84 Resp: 32452

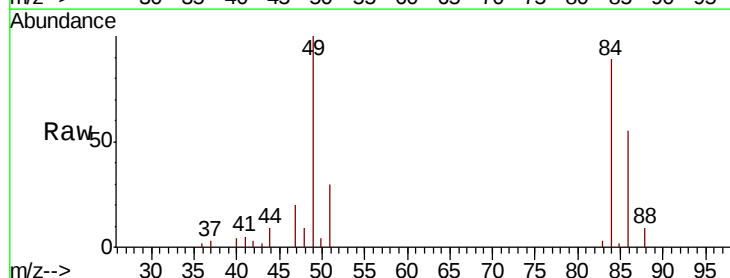
Ion Ratio Lower Upper

84 100

49 112.9 93.5 140.3

51 33.6 28.6 43.0

86 62.6 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055746.D (-839) (-)

Ion 48.90 (48.60 to 49.60): VN055746.D (-839) (-)

Ion 50.90 (50.60 to 51.60): VN055746.D (-839) (-)

Ion 85.90 (85.60 to 86.60): VN055746.D (-839) (-)

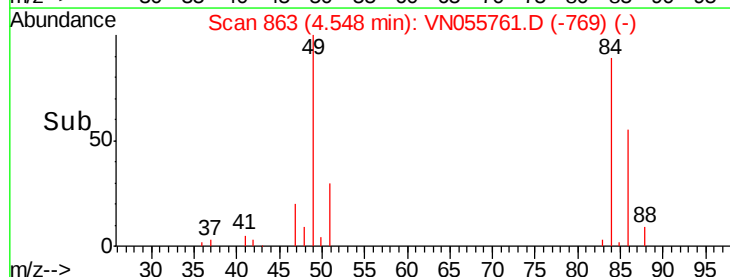
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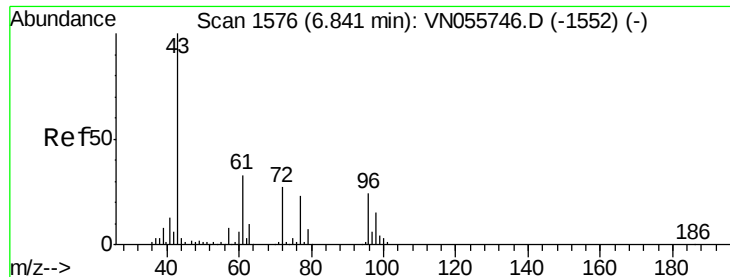
10000

5000

0

Time--> 4.50 4.60

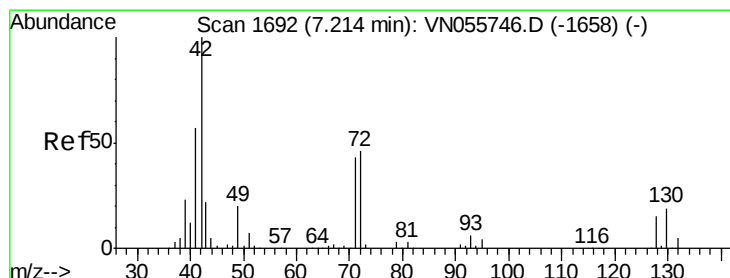
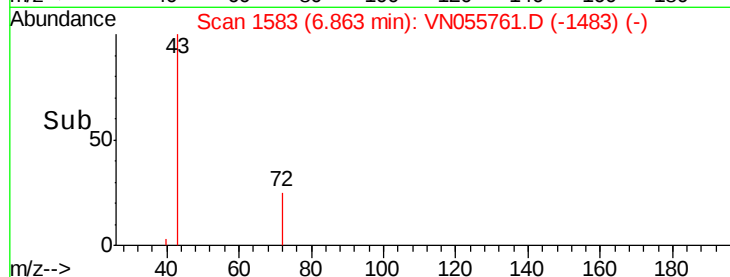
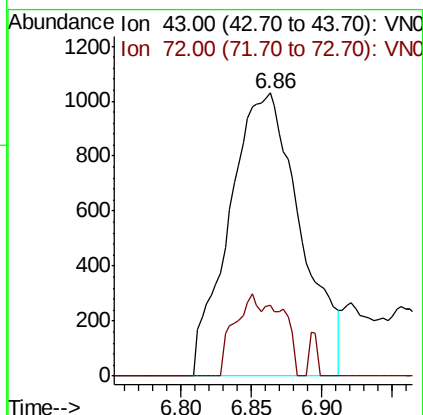
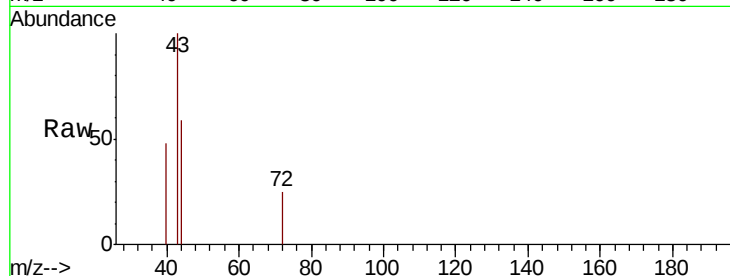




#25
2-Butanone
Concen: 1.312 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

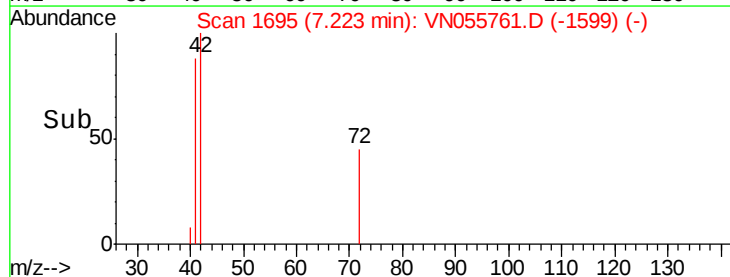
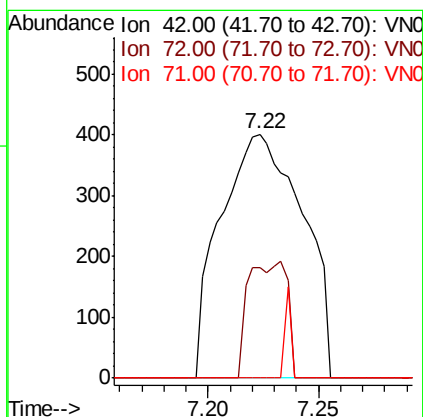
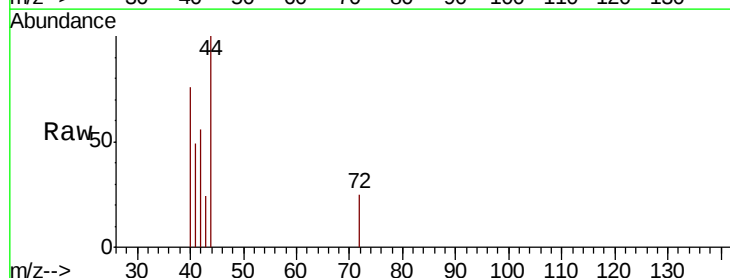
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TP-6-S

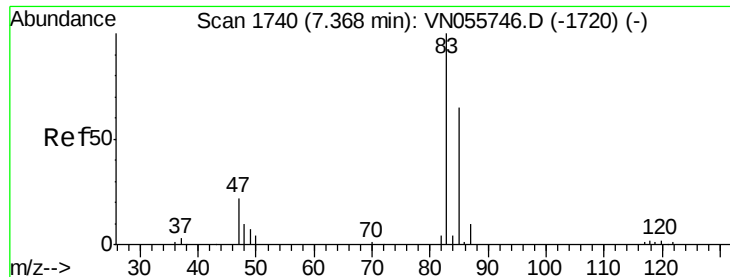
Tot Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
72 25.0 21.9 32.9



#29
Tetrahydrofuran
Concen: 0.593 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Tgt Ion: 42 Resp: 1038
Ion Ratio Lower Upper
42 100
72 22.7 35.9 53.9#
71 2.8 34.0 51.0#

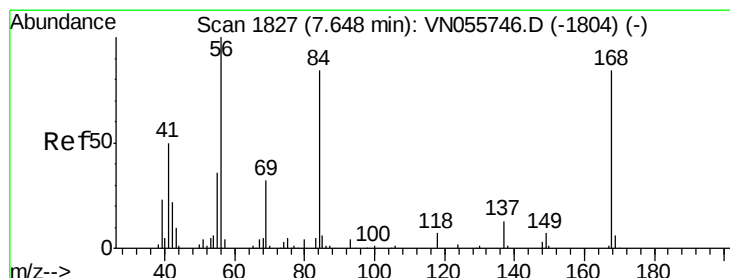
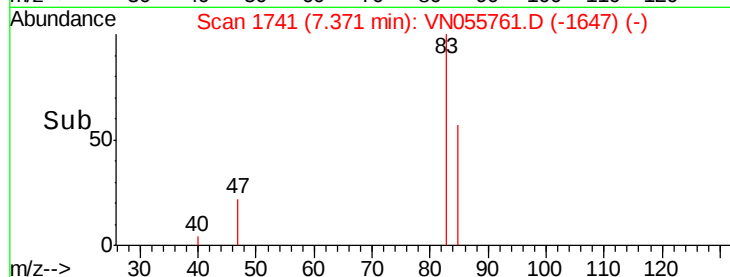
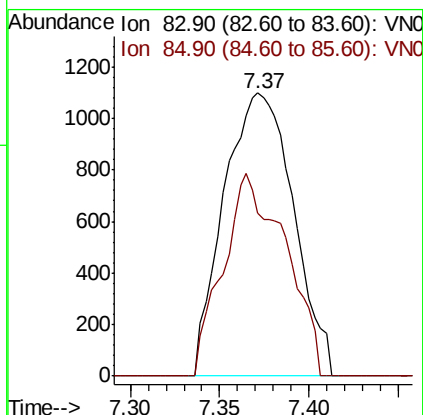
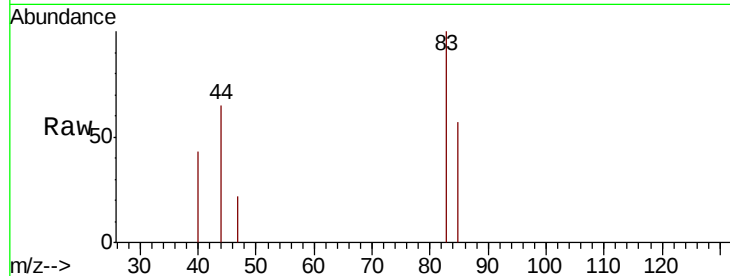




#30
Chloroform
Concen: 0.415 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

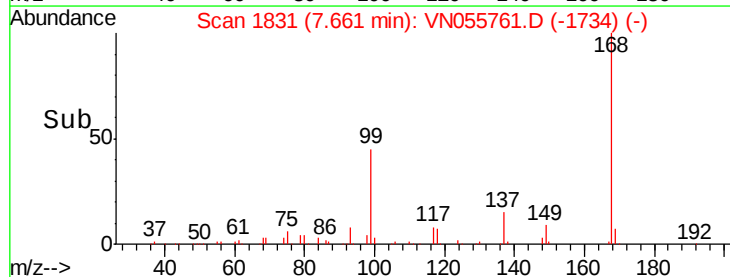
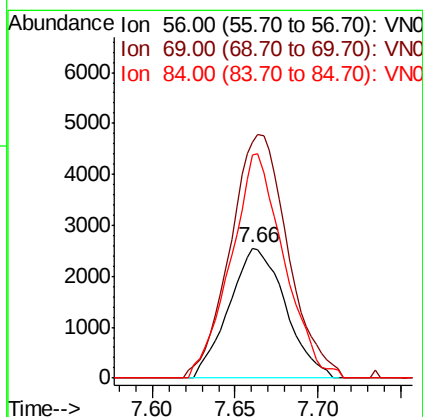
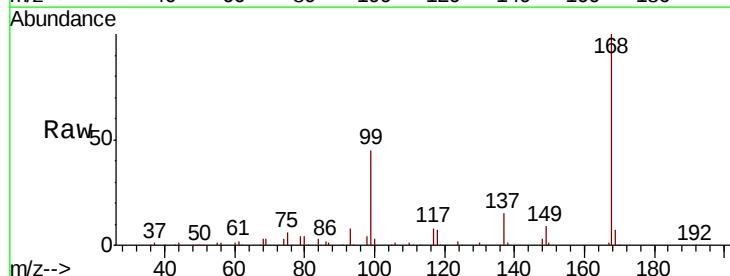
Instrument :
MSVOA_N
ClientSampleId :
TP-6-S

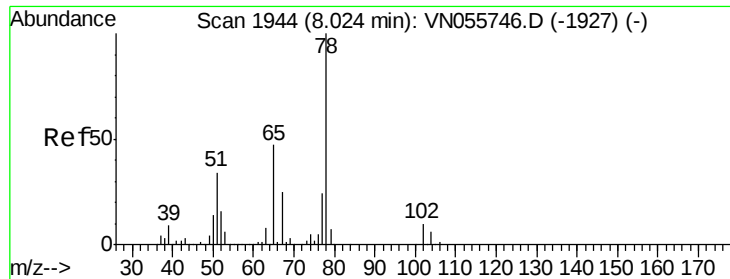
Tot Ion: 83 Resp: 2978
Ion Ratio Lower Upper
83 100
85 57.5 51.8 77.8



#31
Cyclohexane
Concen: 0.893 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Tgt Ion: 56 Resp: 6035
Ion Ratio Lower Upper
56 100
69 175.7 25.6 38.4#
84 172.1 67.4 101.0#

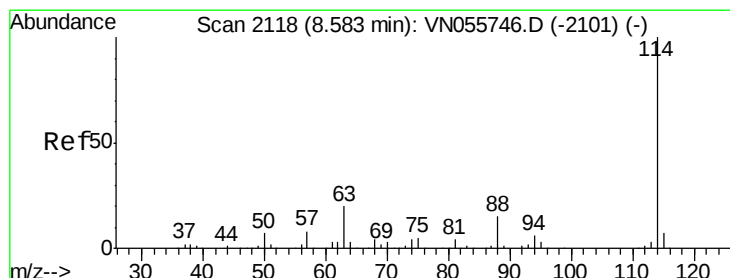
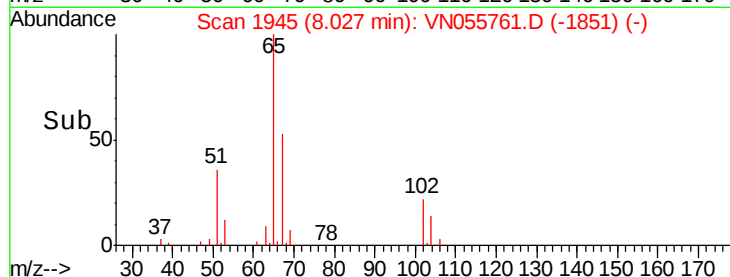
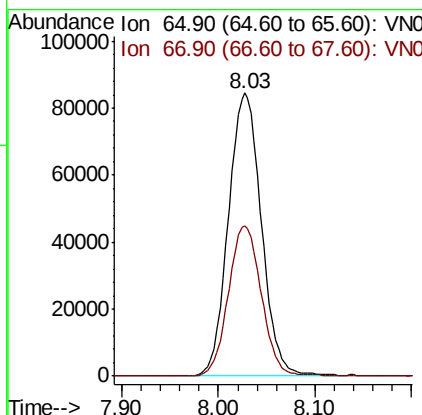
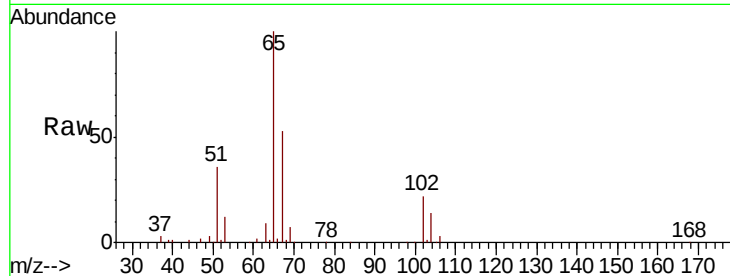




#33
 1,2-Dichloroethane-d4
 Concen: 44.511 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

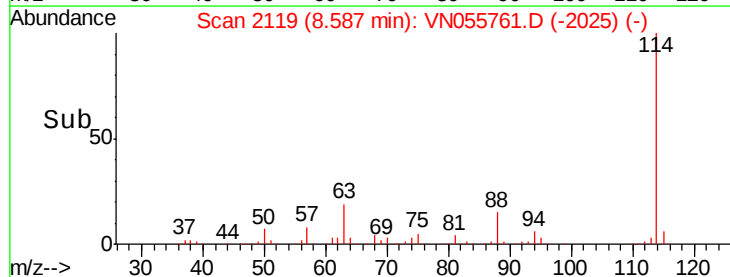
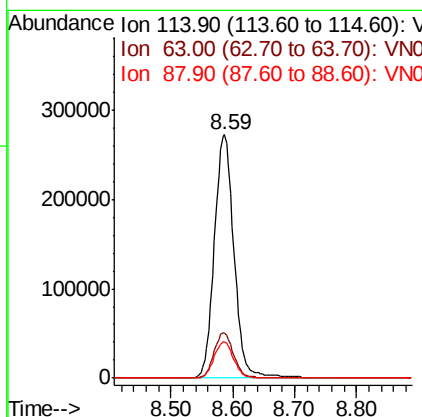
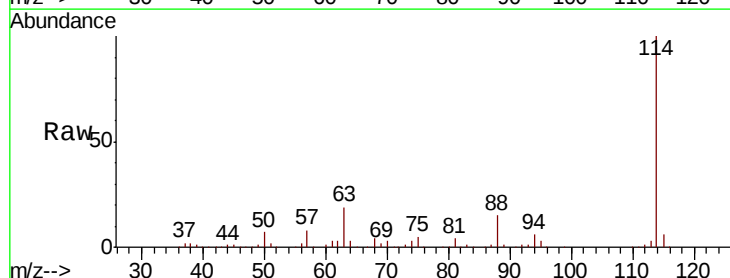
Instrument :
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 ClientSampleId :
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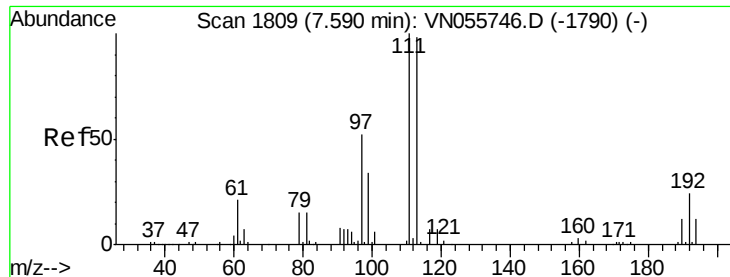
Tot Ion: 65 Resp: 200313
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

Tgt Ion: 114 Resp: 600997
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.9 0.0 31.0

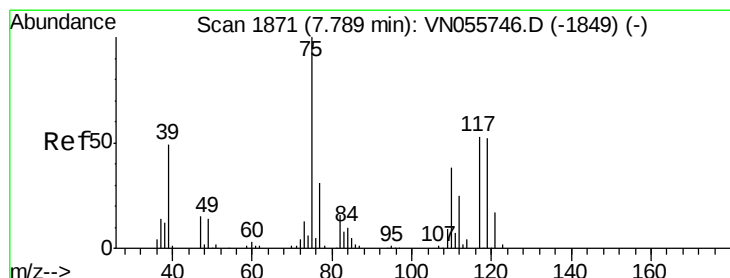
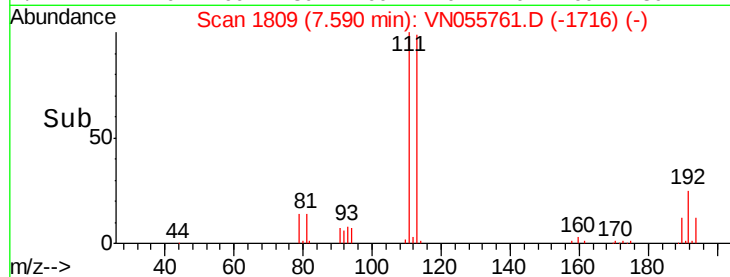
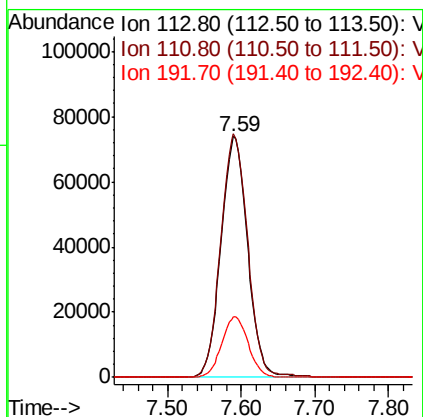
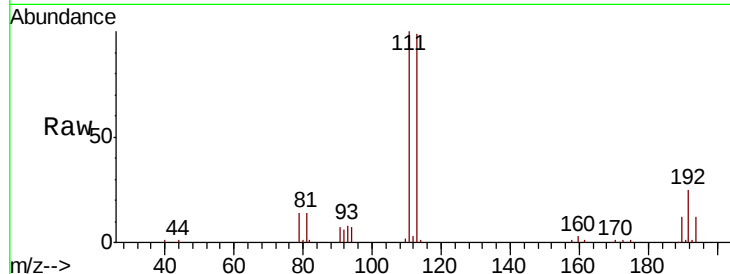




#35
 Dibromofluoromethane
 Concen: 48.829 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

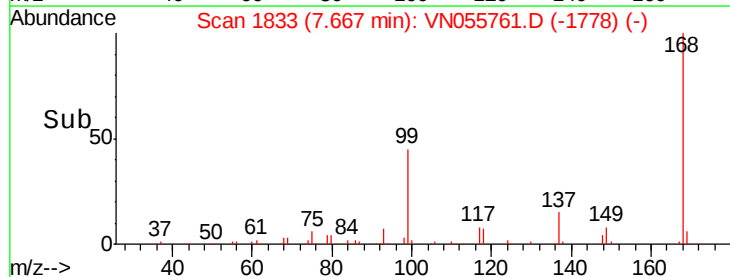
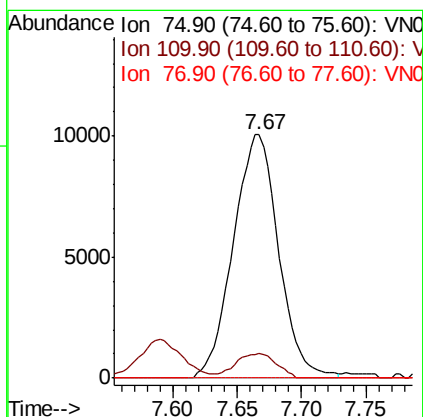
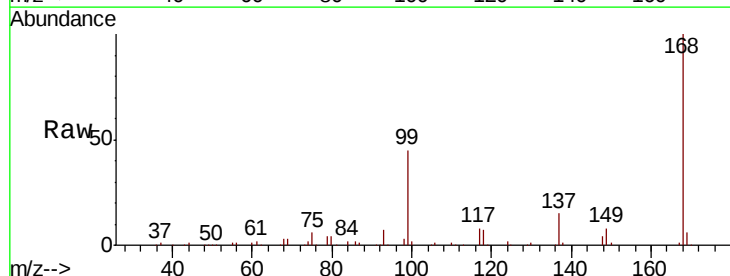
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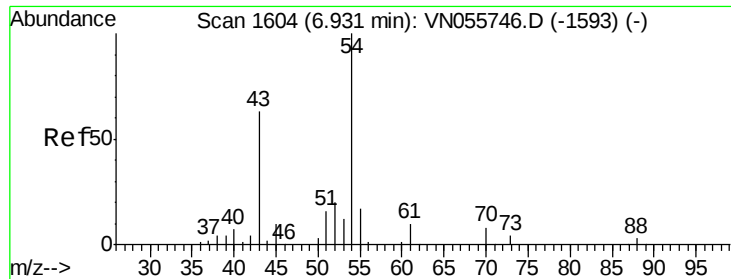
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	25.1	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

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

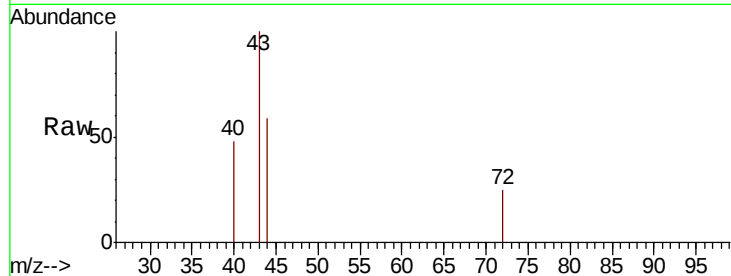




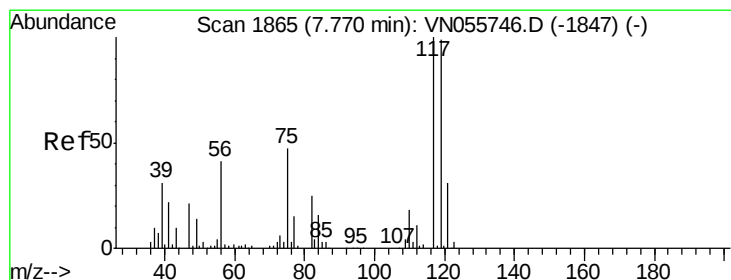
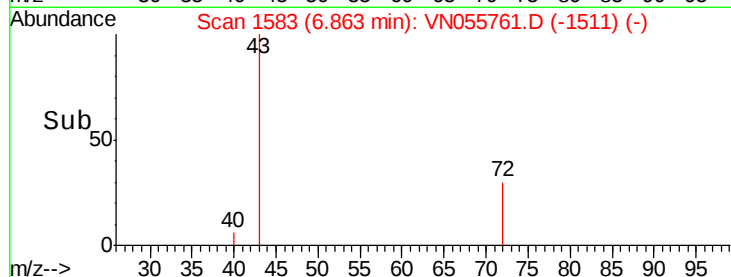
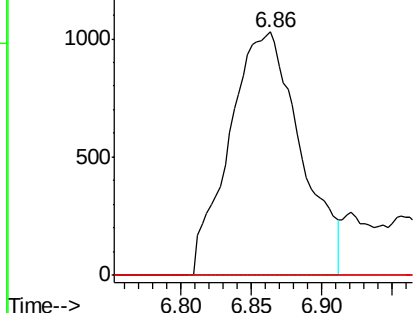
#37
Ethyl Acetate
Concen: 0.716 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. -0.07 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Instrument :
MSVOA_N
ClientSampled :
TP-6-S

Tot Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 0.0 8.9 13.3#

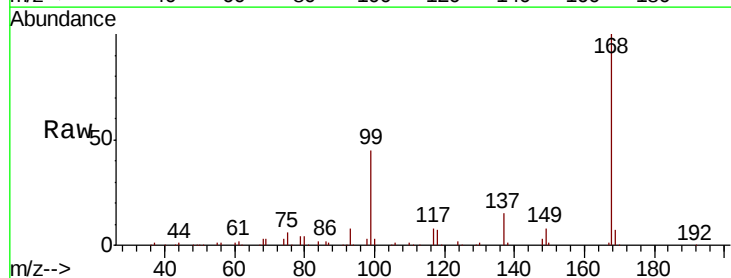


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

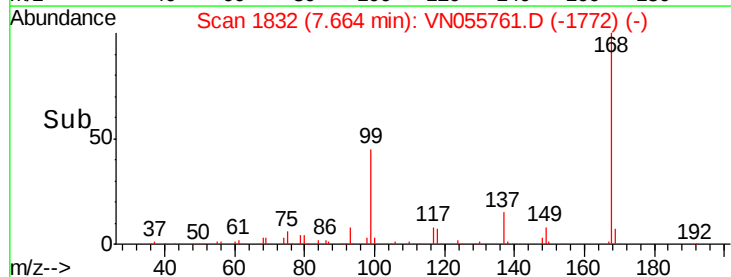
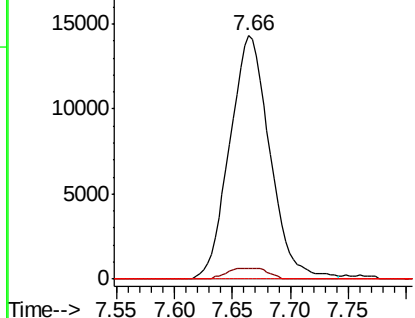


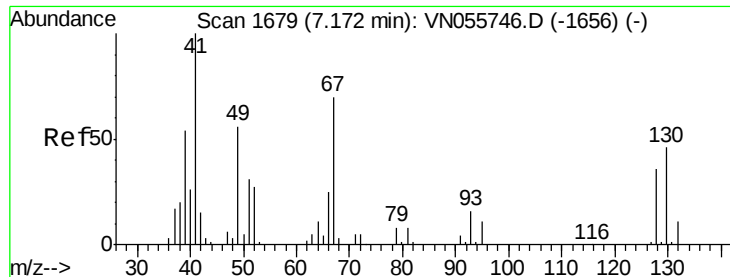
#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Tgt Ion: 117 Resp: 34393
Ion Ratio Lower Upper
117 100
119 4.5 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

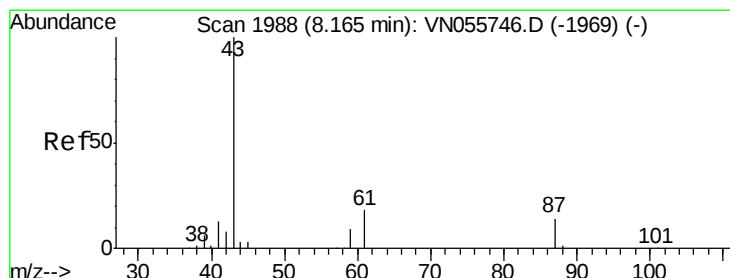
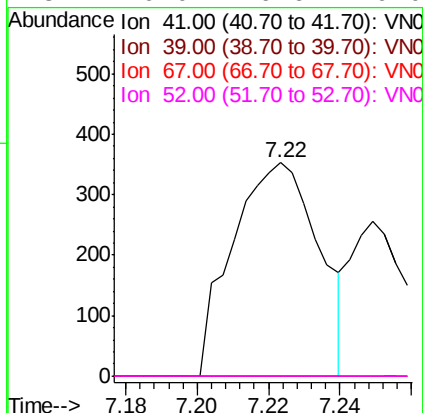
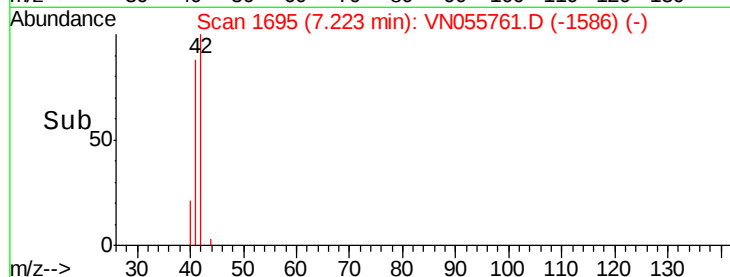
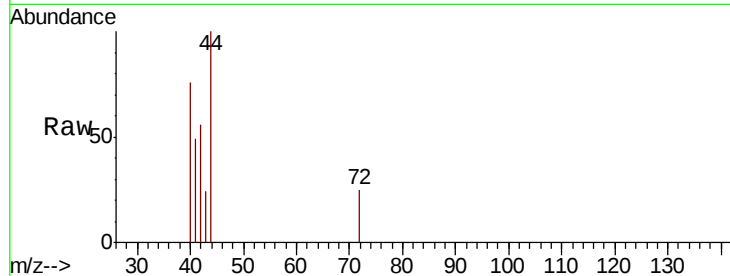




#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

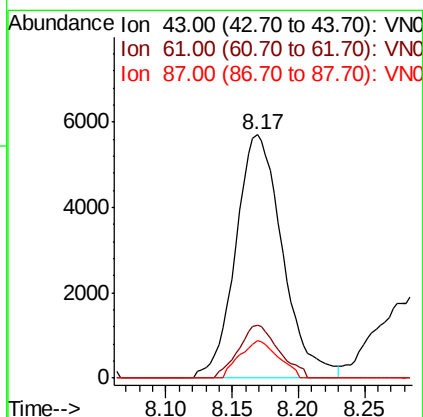
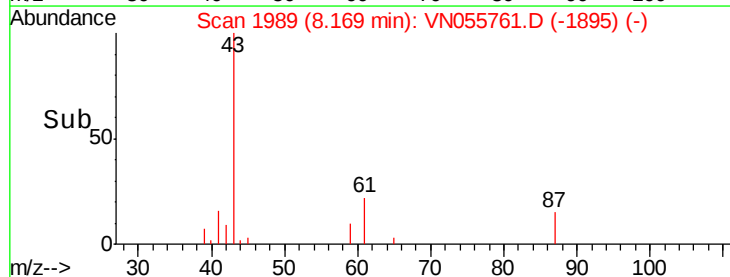
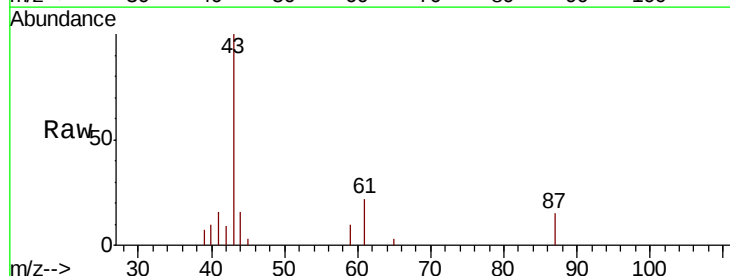
Instrument :
MSVOA_N
ClientSampled :
TP-6-S

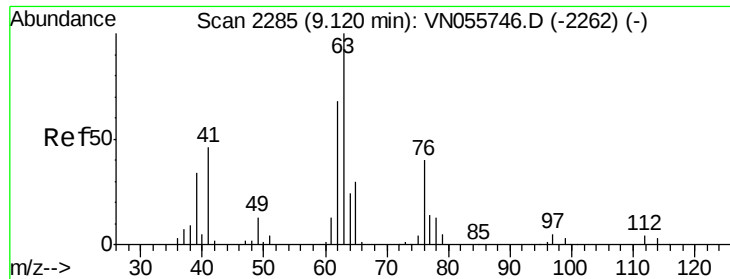
Tot Ion: 41 Resp: 588
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.649 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Tgt Ion: 43 Resp: 14026
Ion Ratio Lower Upper
43 100
61 18.7 22.2 33.4#
87 12.6 11.4 17.2





#45

1,2-Dichloropropane

Concen: 0.305 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

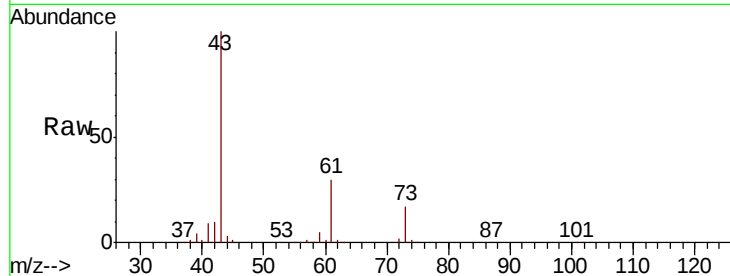
TP-6-S

Tot Ion: 63 Resp: 1255

Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

800

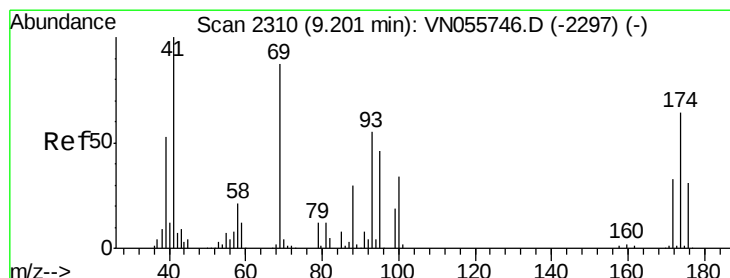
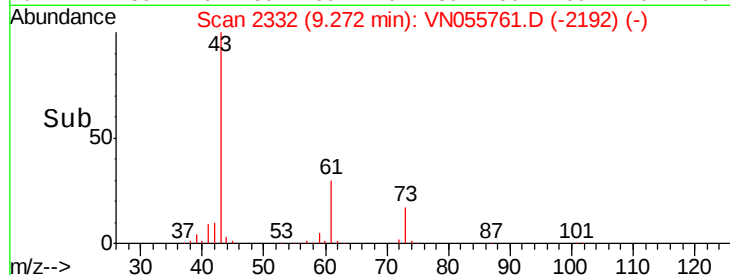
600

400

200

0

Time--> 9.22 9.24 9.26 9.28 9.30



#48

Methyl methacrylate

Concen: 1.827 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

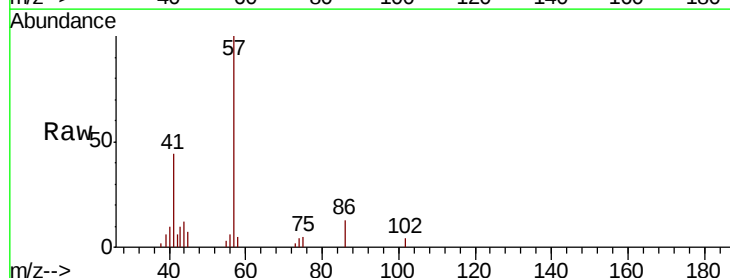
Tgt Ion: 41 Resp: 7163

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

60000

50000

40000

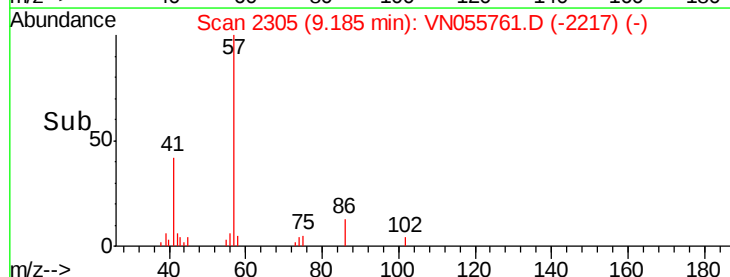
30000

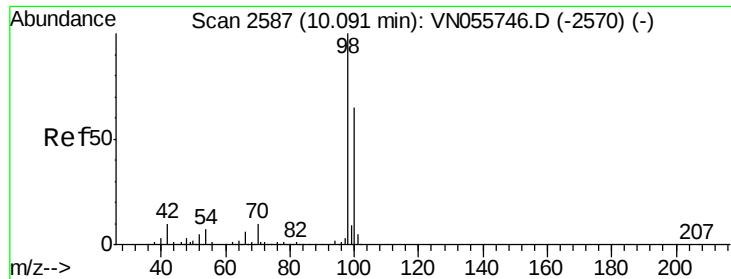
20000

10000

0

Time--> 9.10 9.15 9.20 9.25





#50

Toluene-d8

Concen: 48.622 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

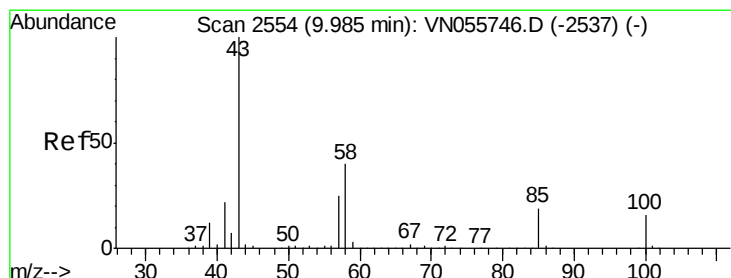
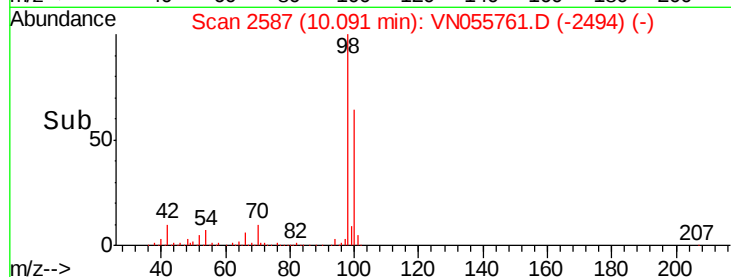
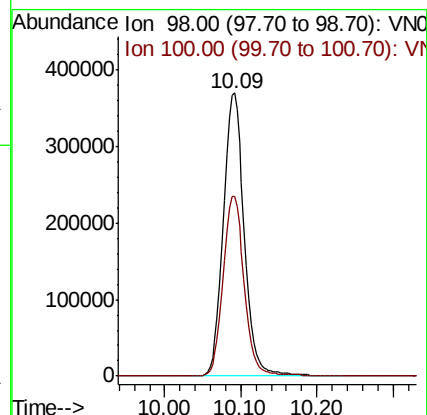
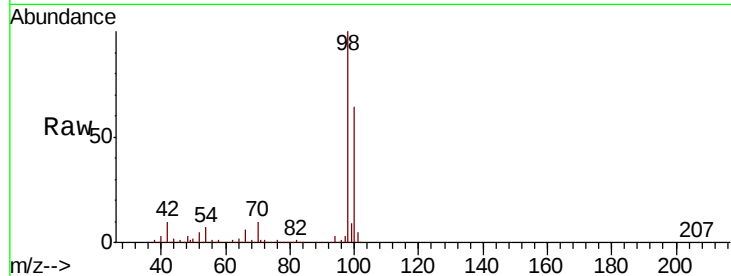
TP-6-S

Tot Ion: 98 Resp: 708687

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.850 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055761.D

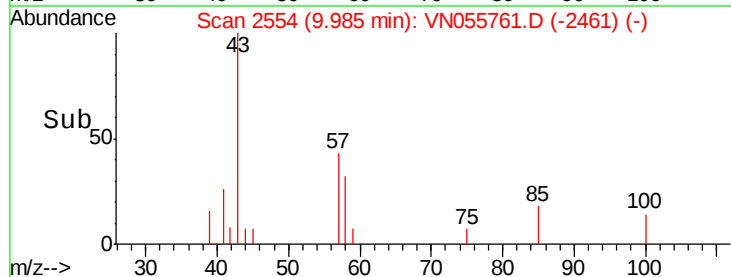
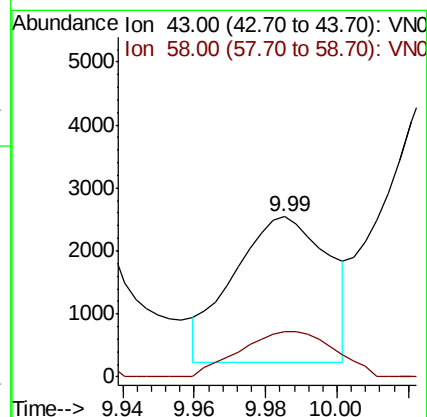
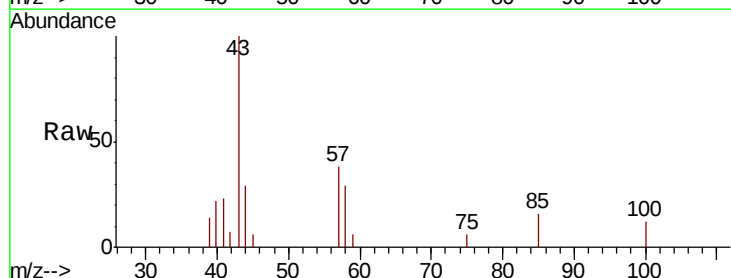
Acq: 23 May 2019 18:26

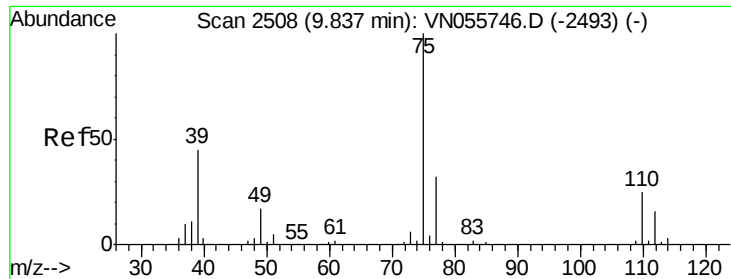
Tgt Ion: 43 Resp: 4268

Ion Ratio Lower Upper

43 100

58 31.0 32.1 48.1#





#54

cis-1,3-Dichloropropene

Concen: 7.202 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

TP-6-S

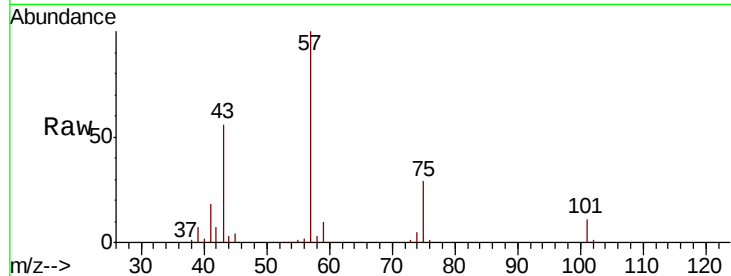
Tot Ion: 75 Resp: 47101

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

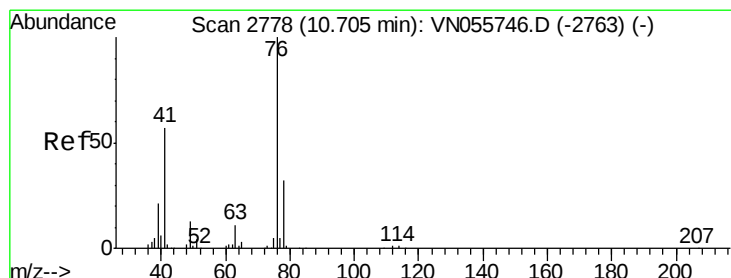
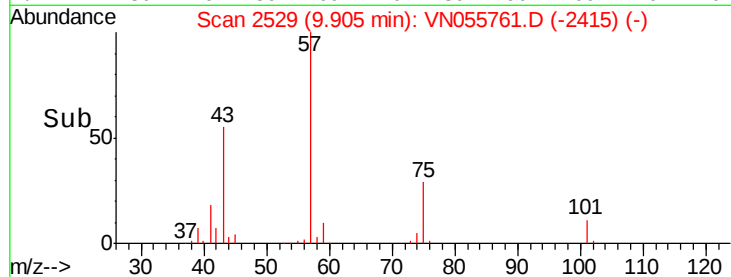
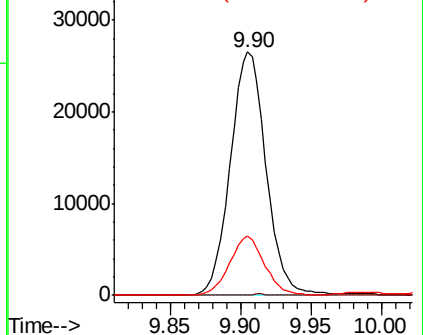
39 24.4 36.3 54.5#



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: 0.960 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055761.D

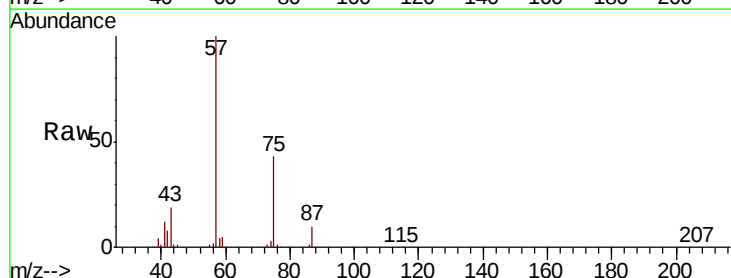
Acq: 23 May 2019 18:26

Tgt Ion: 76 Resp: 6205

Ion Ratio Lower Upper

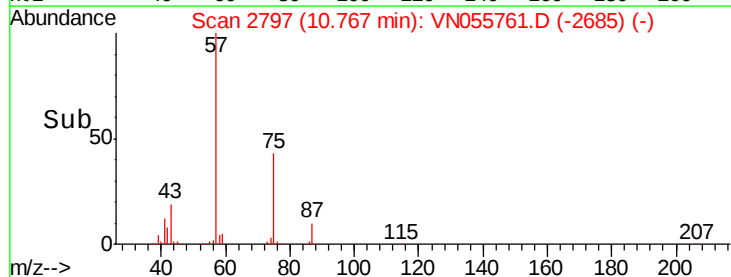
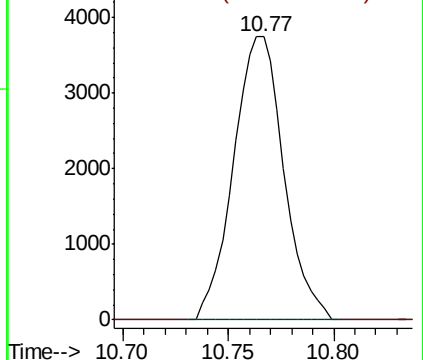
76 100

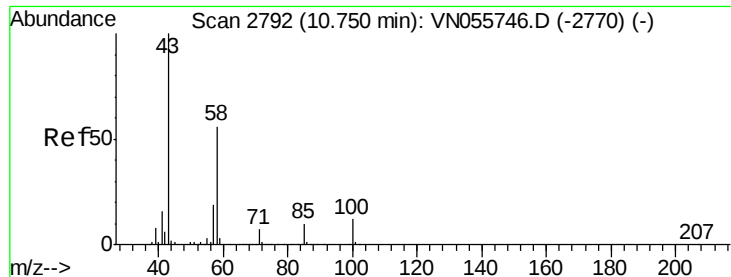
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 22.628 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

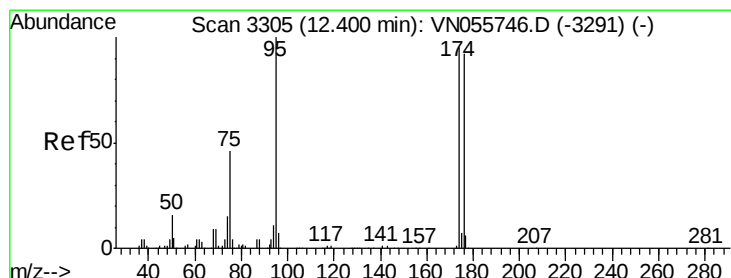
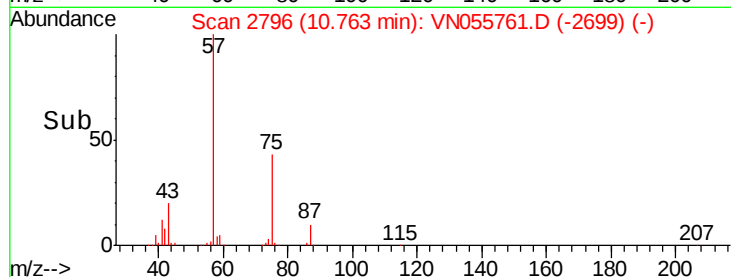
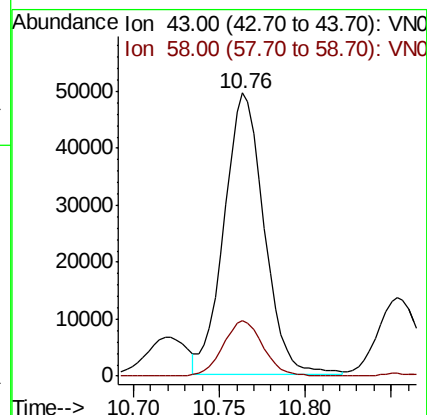
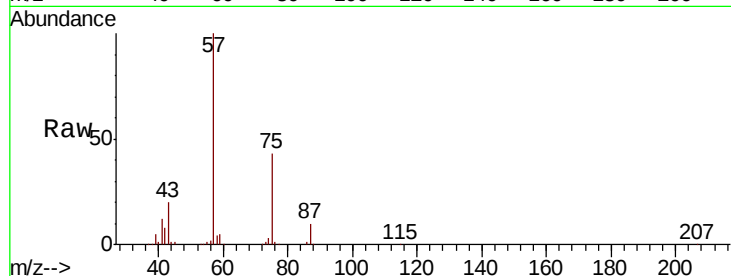
TP-6-S

Tot Ion: 43 Resp: 80632

Ion Ratio Lower Upper

43 100

58 19.7 28.2 84.7#



#62

4-Bromofluorobenzene

Concen: 44.035 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

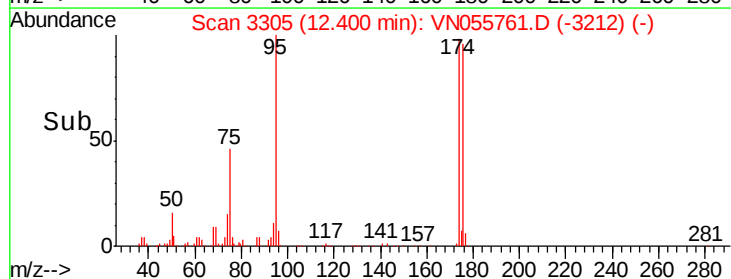
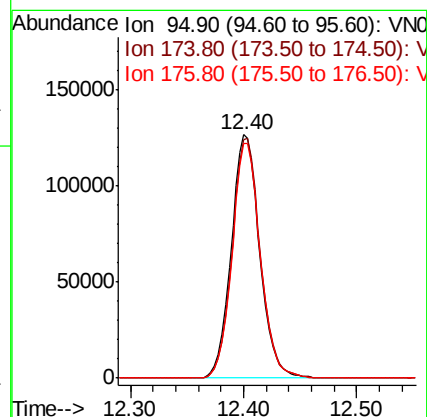
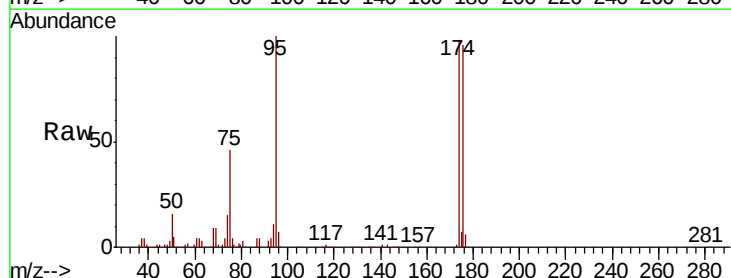
Tgt Ion: 95 Resp: 220075

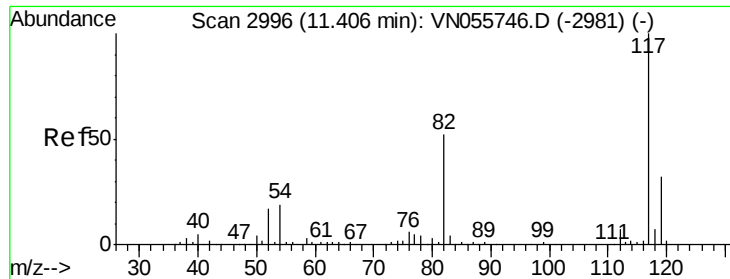
Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 96.0 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: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

TP-6-S

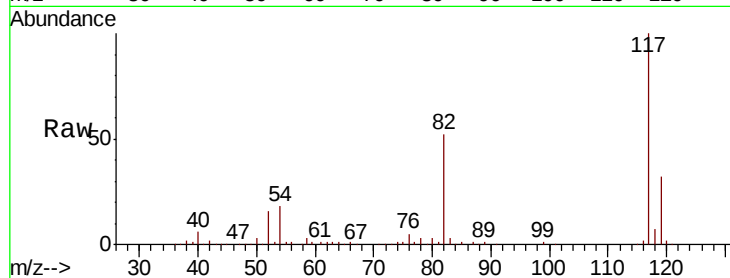
Tot Ion:117 Resp: 529327

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

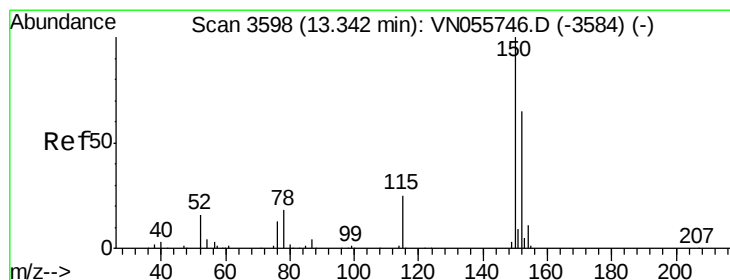
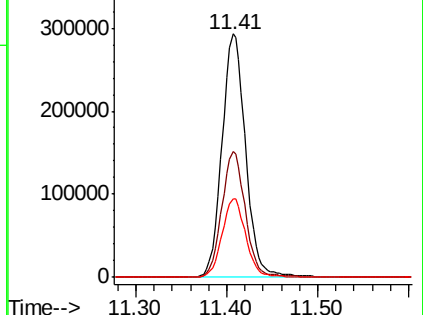
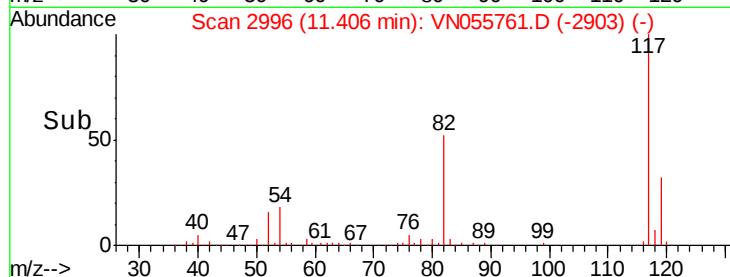
119 32.4 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VN055761.D

Acq: 23 May 2019 18:26

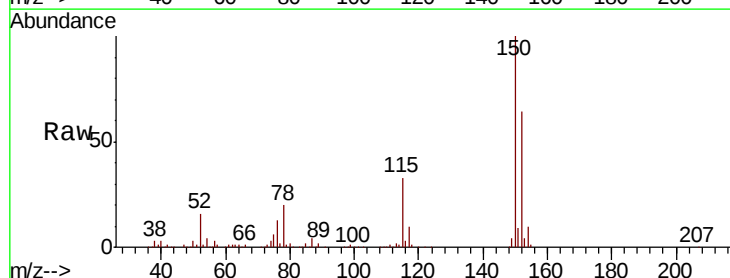
Tgt Ion:152 Resp: 184141

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

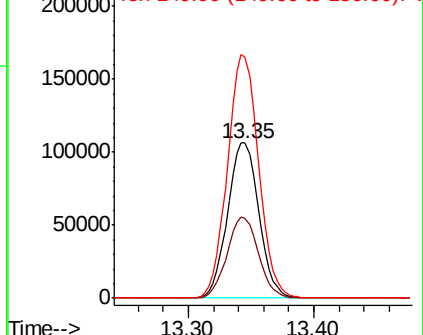
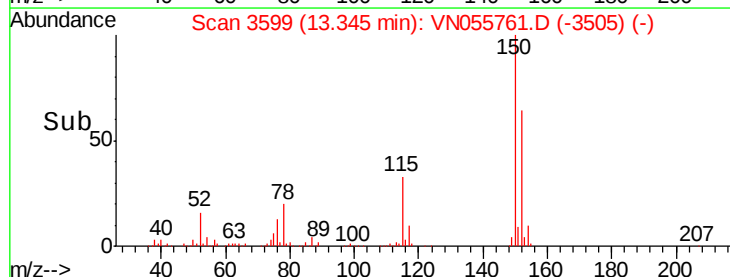
150 156.1 0.0 343.2

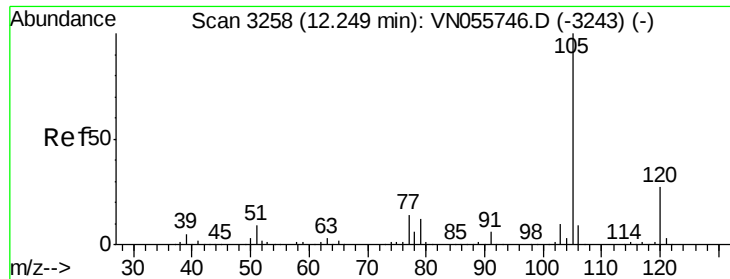


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

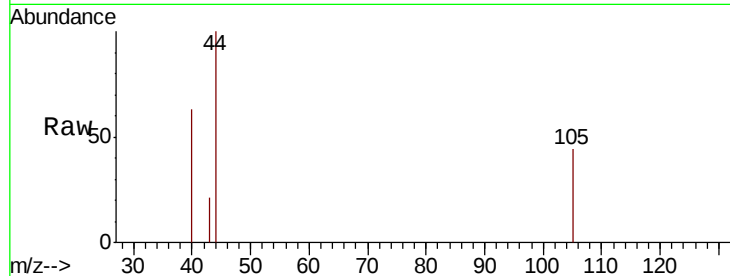
TP-6-S

Tot Ion: 105 Resp: 375

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

400

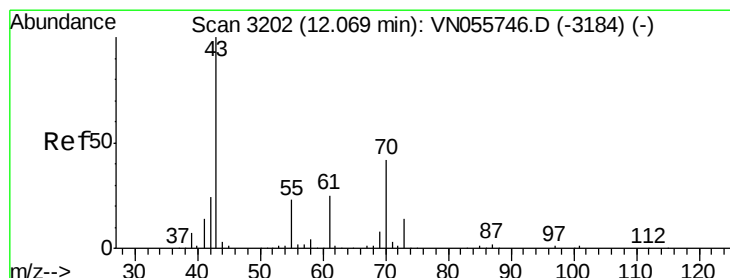
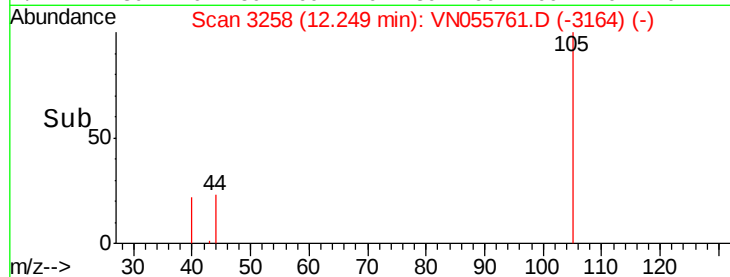
300

200

100

0

Time--> 12.22 12.24 12.26



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.10 min Scan# 3212

Delta R.T. 0.03 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Tgt Ion: 43 Resp: 252

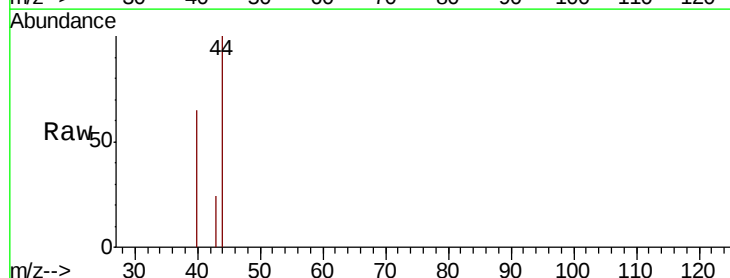
Ion Ratio Lower Upper

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

400

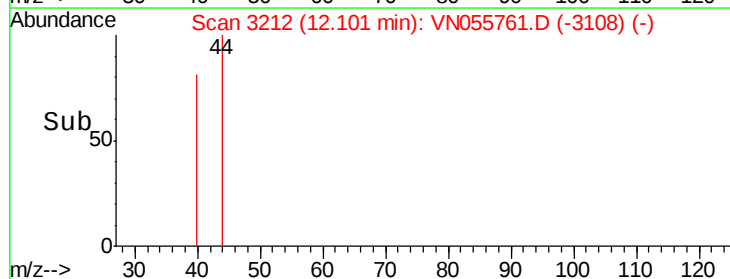
300

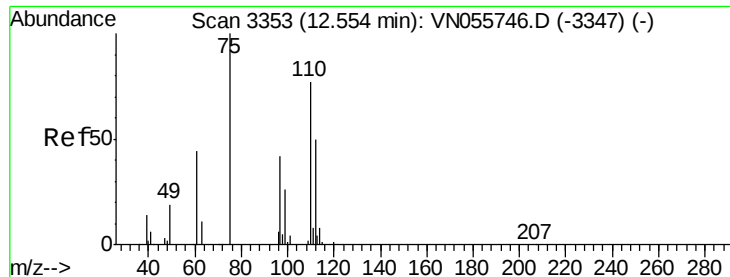
200

100

0

Time--> 12.10 12.12





#76

1,2,3-Trichloropropane

Concen: 30.859 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

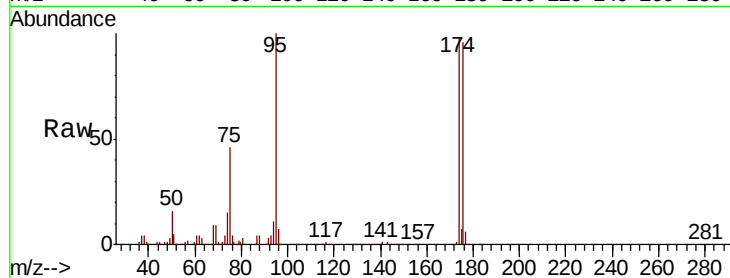
TP-6-S

Tot Ion: 75 Resp: 101667

Ion Ratio Lower Upper

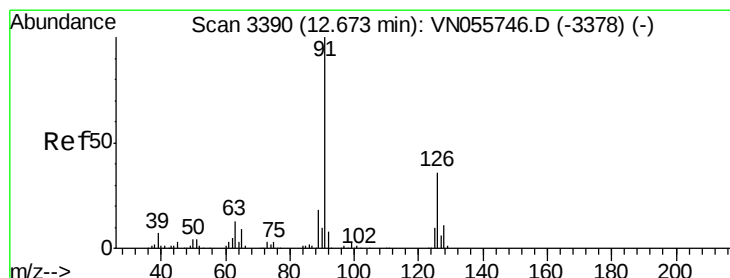
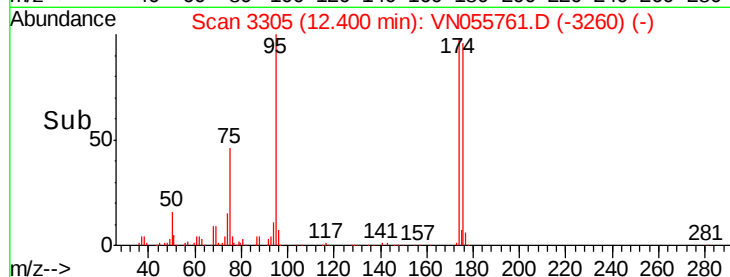
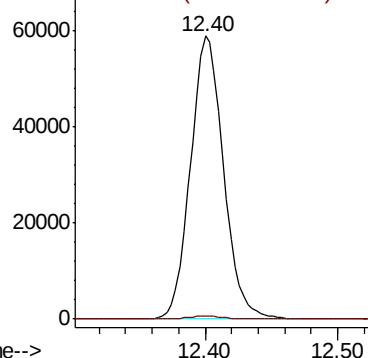
75 100

77 1.1 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: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055761.D

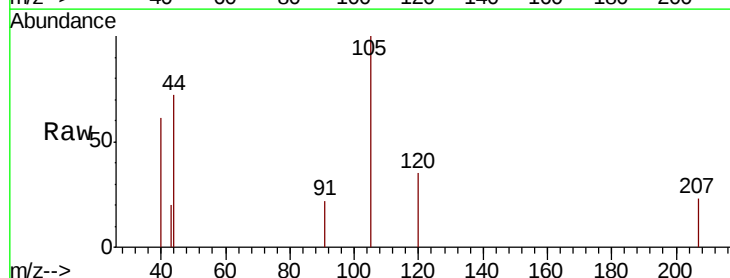
Acq: 23 May 2019 18:26

Tgt Ion: 91 Resp: 138

Ion Ratio Lower Upper

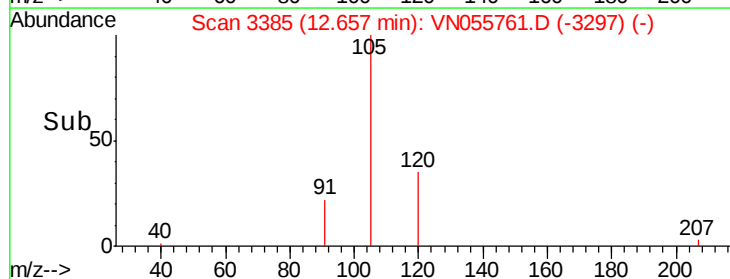
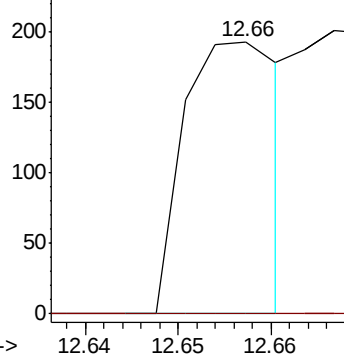
91 100

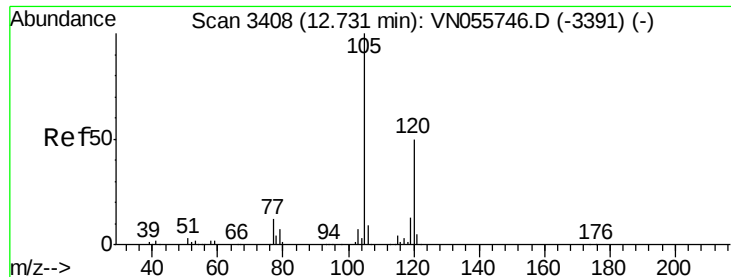
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

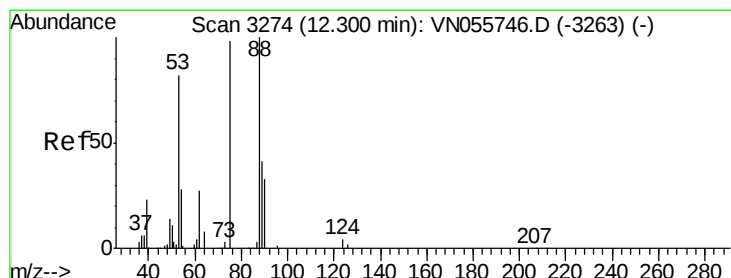
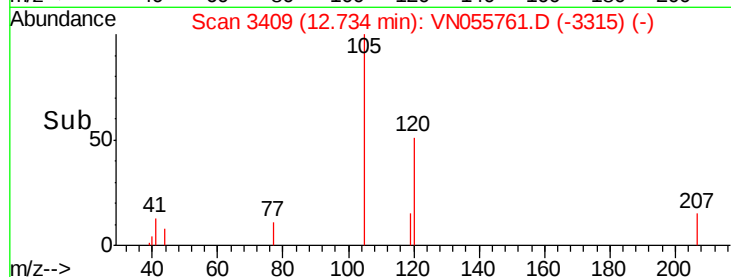
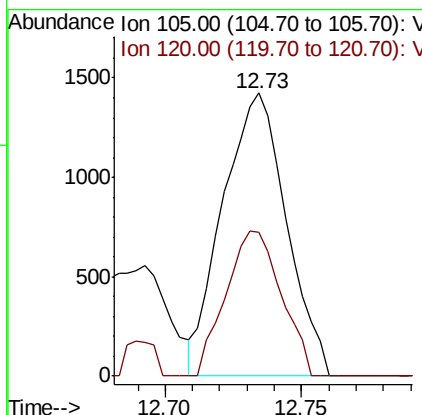
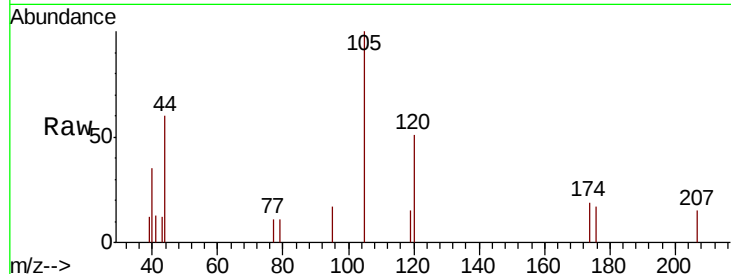




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

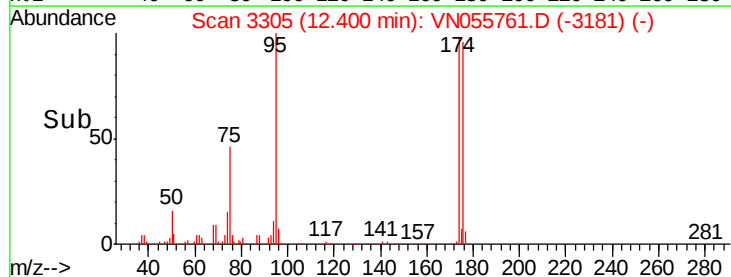
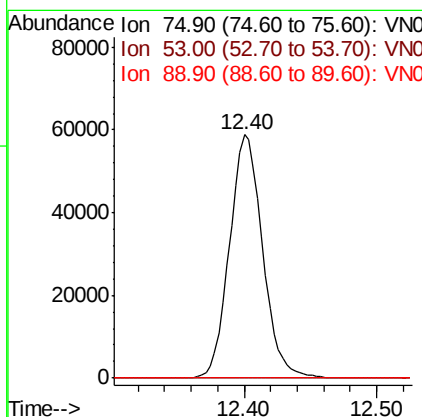
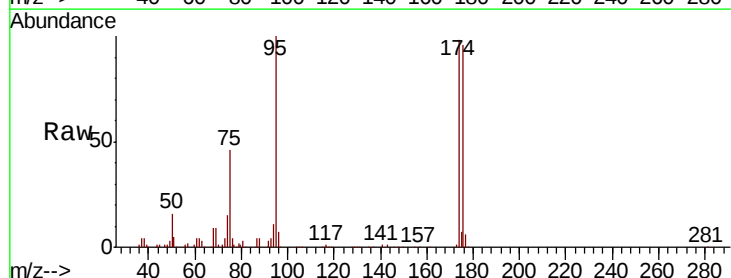
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-S

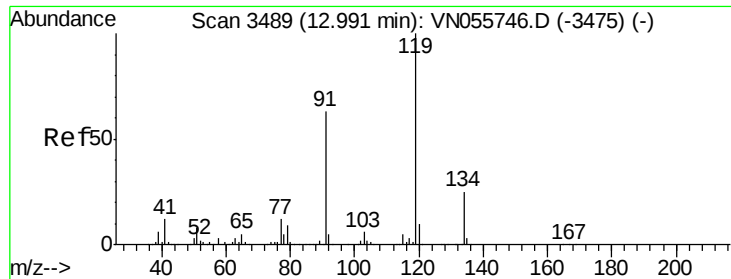
Tot Ion: 105 Resp: 2304
 Ion Ratio Lower Upper
 105 100
 120 44.7 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.286 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055761.D
 Acq: 23 May 2019 18:26

Tgt Ion: 75 Resp: 101667
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#

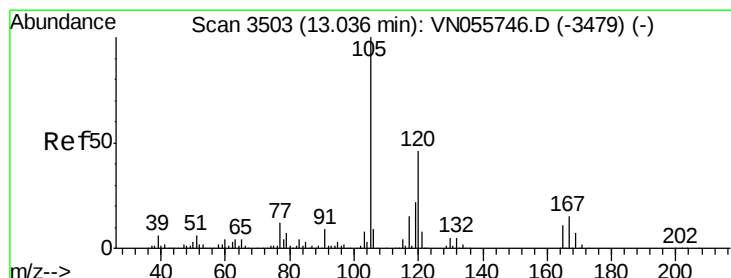
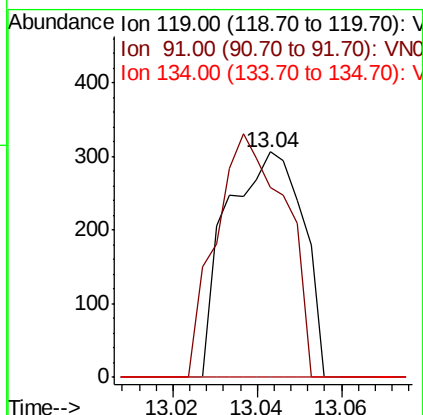
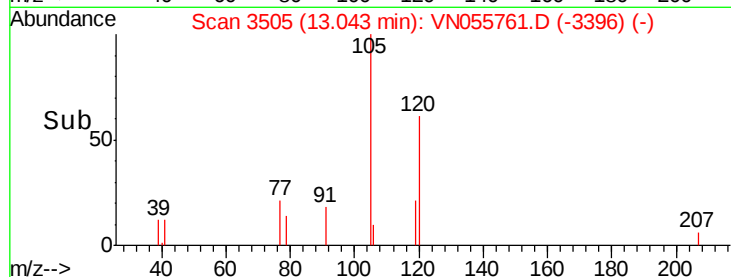
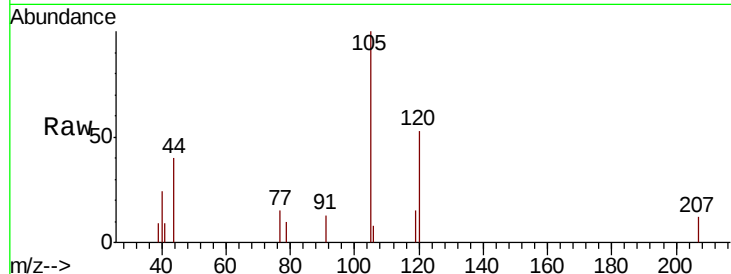




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.05 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

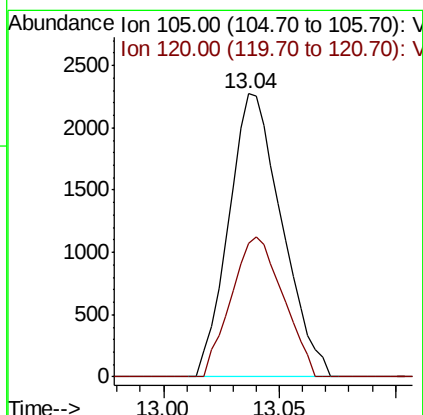
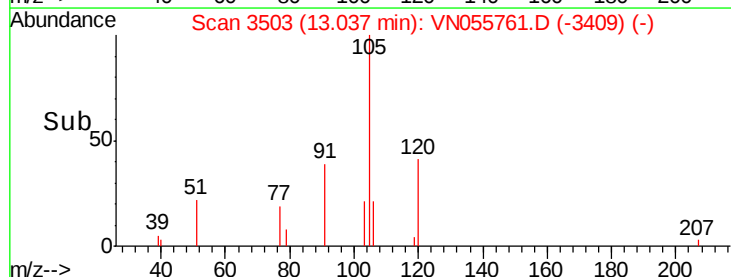
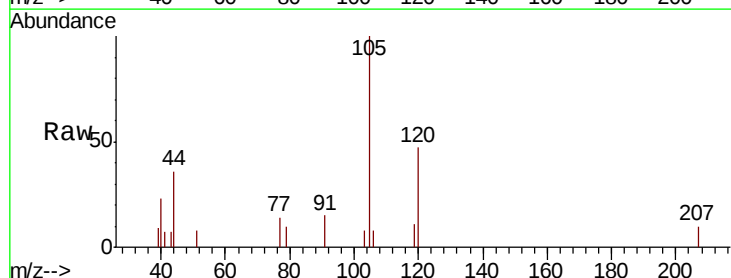
Instrument :
MSVOA_N
ClientSampleId :
TP-6-S

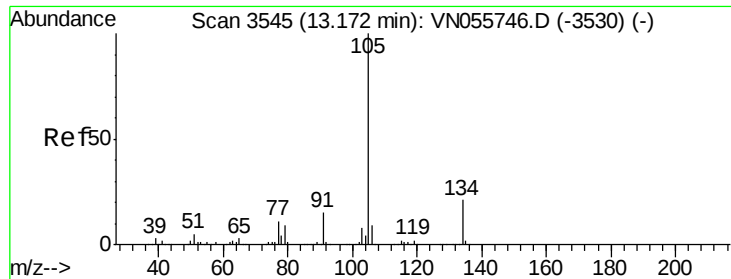
Tot Ion:119 Resp: 384
Ion Ratio Lower Upper
119 100
91 98.4 30.9 92.8#
134 0.0 13.3 39.8#



#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055761.D
Acq: 23 May 2019 18:26

Tgt Ion:105 Resp: 3612
Ion Ratio Lower Upper
105 100
120 48.5 23.0 69.0





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

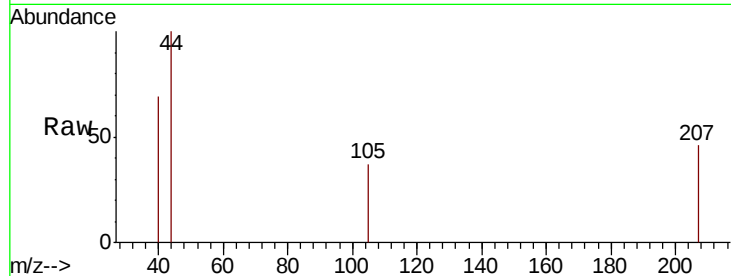
TP-6-S

Tot Ion:105 Resp: 348

Ion Ratio Lower Upper

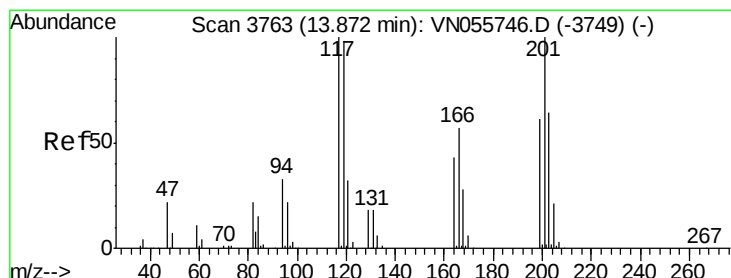
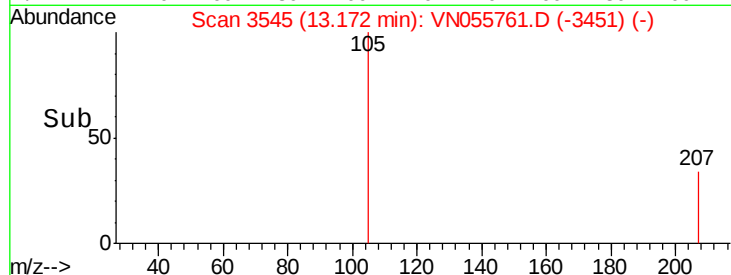
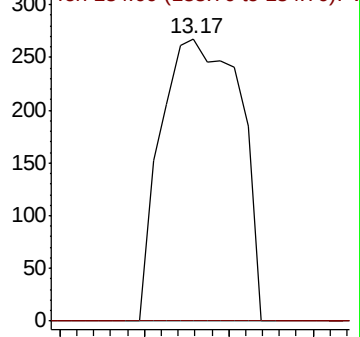
105 100

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



#90

Hexachloroethane

Concen: 0.313 ug/l

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN055761.D

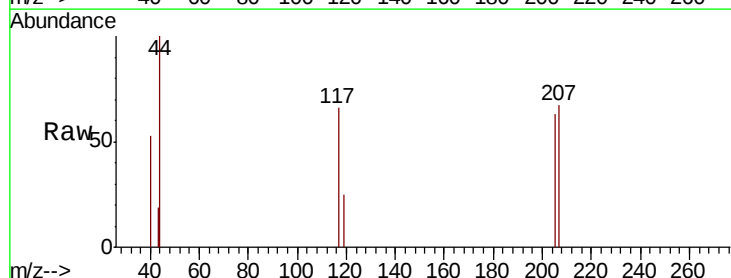
Acq: 23 May 2019 18:26

Tgt Ion:117 Resp: 762

Ion Ratio Lower Upper

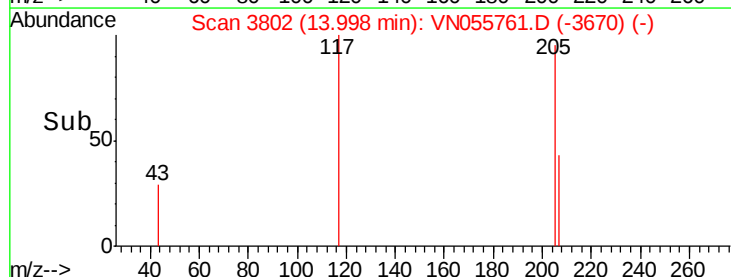
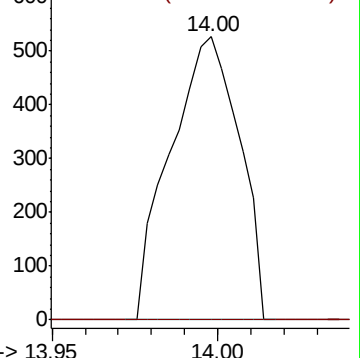
117 100

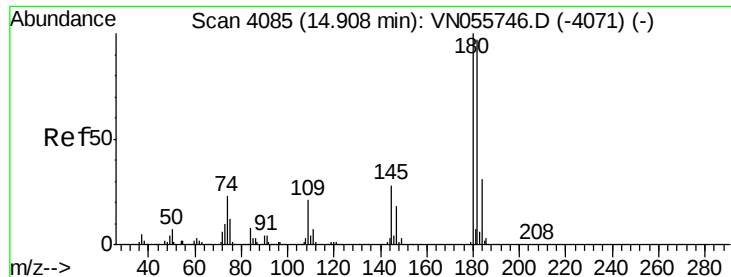
201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#93

1,2,4-Trichlorobenzene

Concen: 3.660 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055761.D

Acq: 23 May 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

TP-6-S

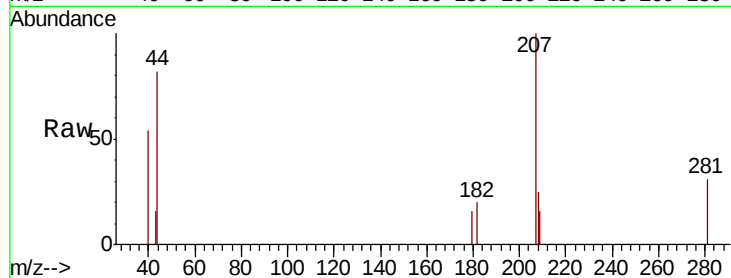
Tot Ion:180 Resp: 90

Ion Ratio Lower Upper

180 100

182 192.2 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

