

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055802.D
 Acq On : 24 May 2019 17:48
 Operator : JC/SP
 Sample : K2994-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Quant Time: May 25 04:29:32 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	454681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	639322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221638	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	208904	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	
35) Dibromofluoromethane	7.59	113	193404	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	756767	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	253588	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	589	0.219	ug/l #	31
13) Acrolein	3.59	56	140	0.218	ug/l #	68
16) Acetone	3.82	43	21186	10.264	ug/l	100
17) Carbon Disulfide	4.05	76	3603	0.328	ug/l #	95
18) Methyl Acetate	4.34	43	4230	Below Cal	#	84
20) Methylene Chloride	4.55	84	98159	21.959	ug/l	98
25) 2-Butanone	6.85	43	6822	2.367	ug/l #	85
29) Tetrahydrofuran	7.23	42	591	0.324	ug/l #	40
30) Chloroform	7.37	83	4575	0.611	ug/l	98
31) Cyclohexane	7.66	56	6704	0.951	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24990	4.485	ug/l #	49
37) Ethyl Acetate	6.85	43	6822	1.267	ug/l #	67
38) Carbon Tetrachloride	7.66	117	35286	6.080	ug/l #	14
43) Isopropyl Acetate	8.17	43	13333	1.474	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1314	0.300	ug/l #	44
47) Bromodichloromethane	9.40	83	1187	0.202	ug/l #	84
48) Methyl methacrylate	9.18	41	7583	1.819	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3731	0.698	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	49786	7.156	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	9167	1.333	ug/l #	42
59) 2-Hexanone	10.76	43	126490	33.369	ug/l #	50
68) m/p-Xylenes	11.62	106	1671	0.210	ug/l	92
71) Bromoform	12.40	173	1481	0.370	ug/l #	1
73) Isopropylbenzene	12.25	105	582	Below Cal	#	48
74) N-ethyl acetate	12.16	43	415	Below Cal	#	51
76) 1,2,3-Trichloropropane	12.40	75	116641	29.257	ug/l #	100
79) 2-Chlorotoluene	12.66	91	392	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3501	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	116641	70.808	ug/l #	15
83) tert-Butylbenzene	12.99	119	99	Below Cal	#	56
84) 1,2,4-Trimethylbenzene	13.04	105	8602	Below Cal		98
85) sec-Butylbenzene	13.17	105	715	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	359	3.714	ug/l	73
95) Naphthalene	15.13	128	7143	0.697	ug/l #	94

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

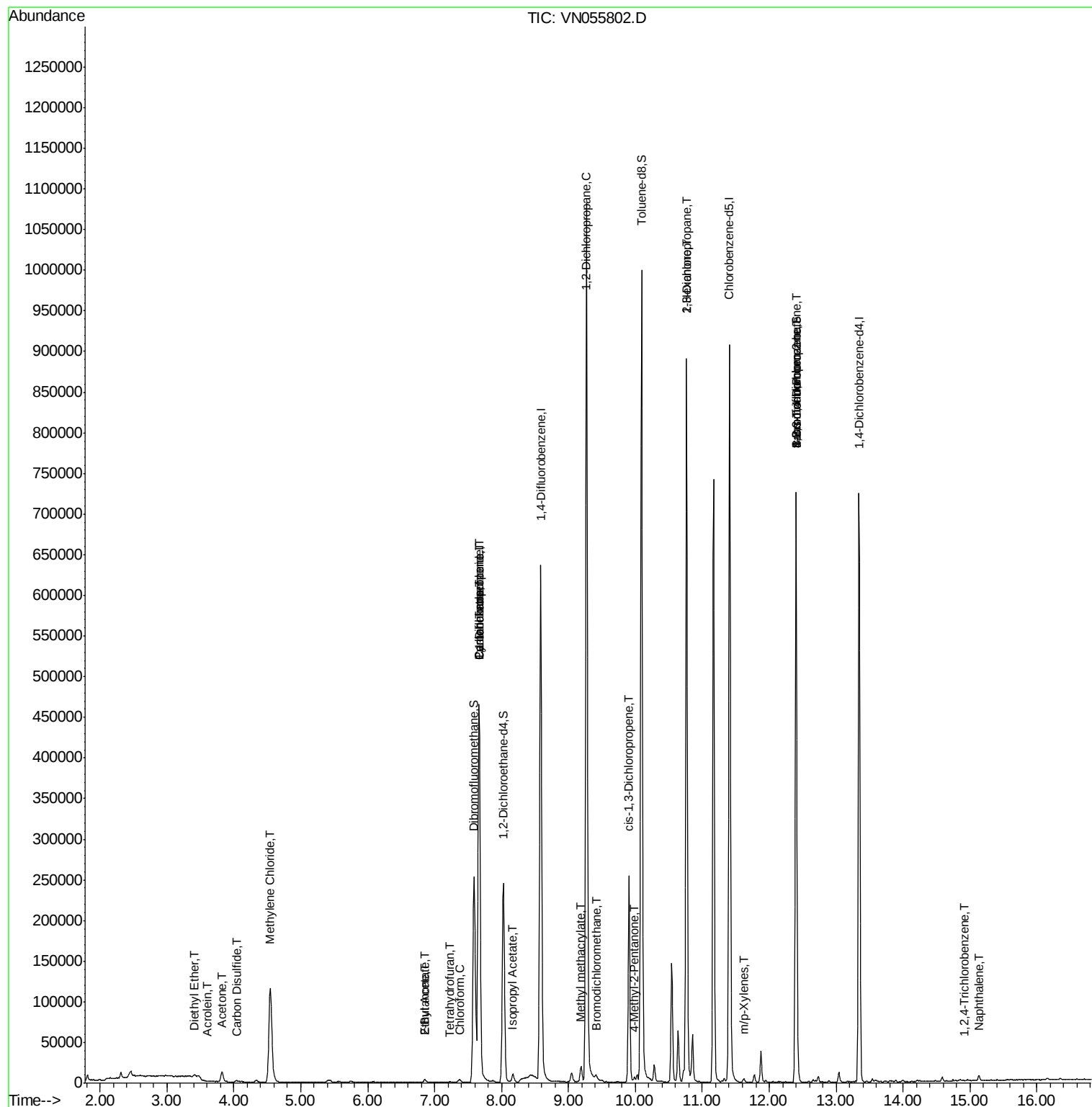
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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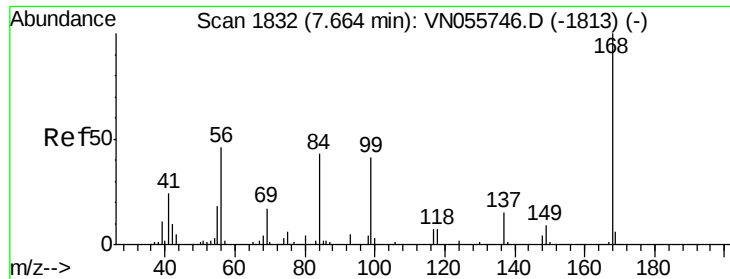
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

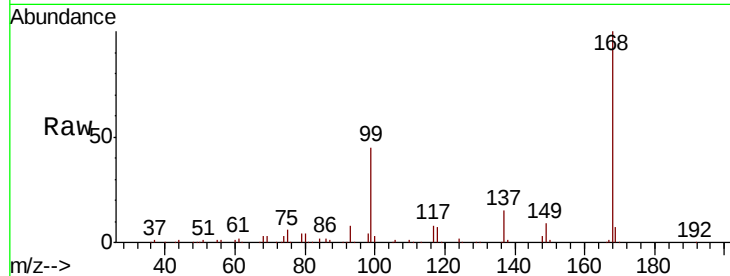
TP-8-D

Tot Ion:168 Resp: 454681

Ion Ratio Lower Upper

168 100

99 44.7 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

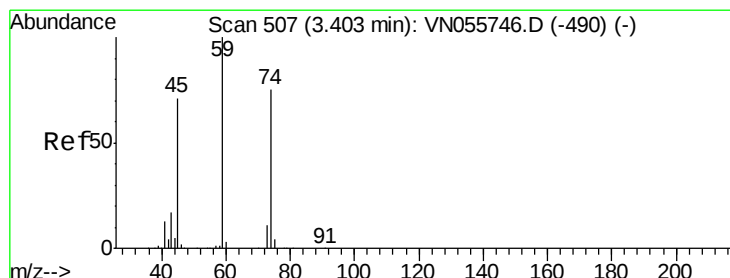
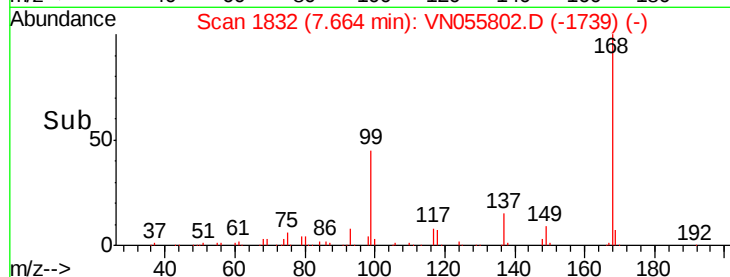
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.219 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN055802.D

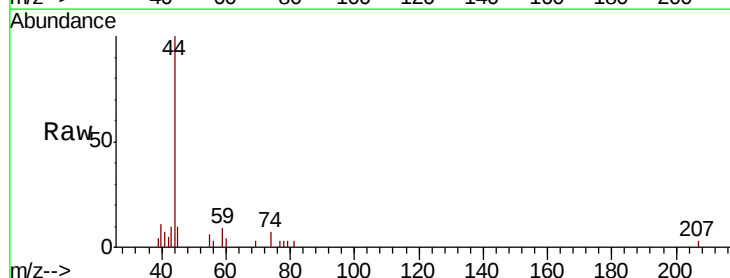
Acq: 24 May 2019 17:48

Tgt Ion: 74 Resp: 589

Ion Ratio Lower Upper

74 100

45 29.5 48.6 145.9#



Abundance Ion 74.00 (73.70 to 74.70): VN055746.D (-490) (-)

Ion 45.00 (44.70 to 45.70): VN055746.D (-490) (-)

3.40

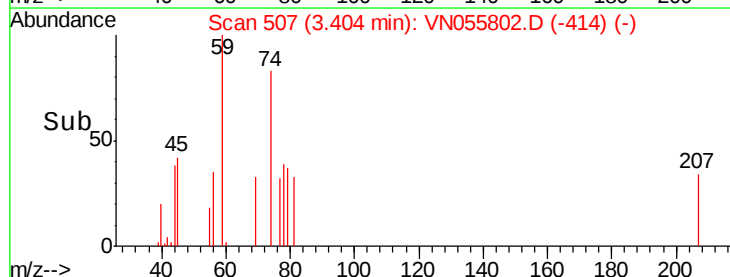
600

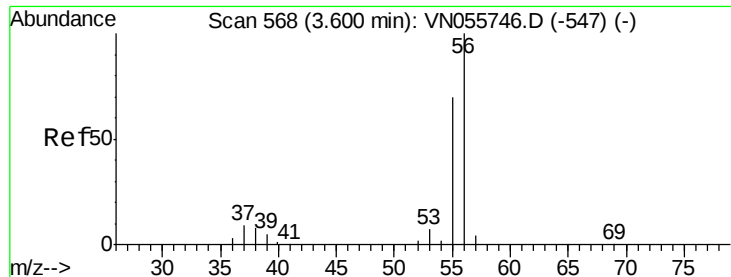
400

200

0

Time--> 3.38 3.40 3.42 3.44





#13

Acrolein

Concen: 0.218 ug/l

RT: 3.59 min Scan# 565

Delta R.T. -0.01 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

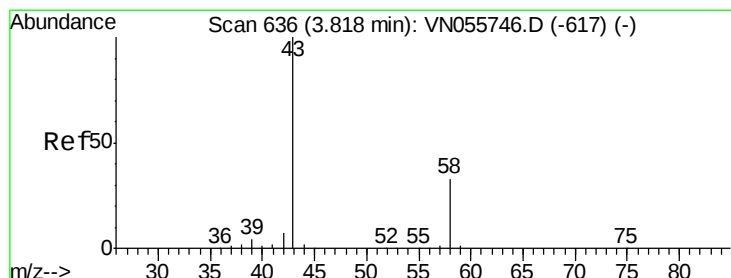
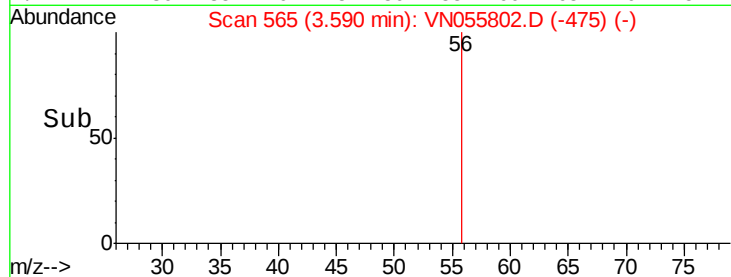
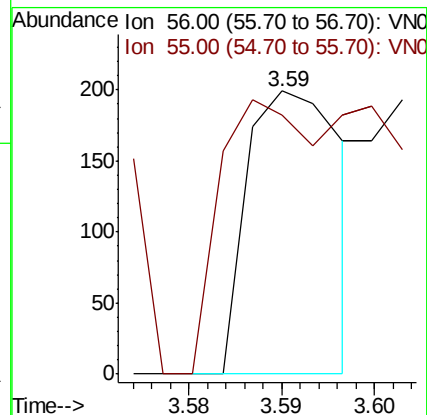
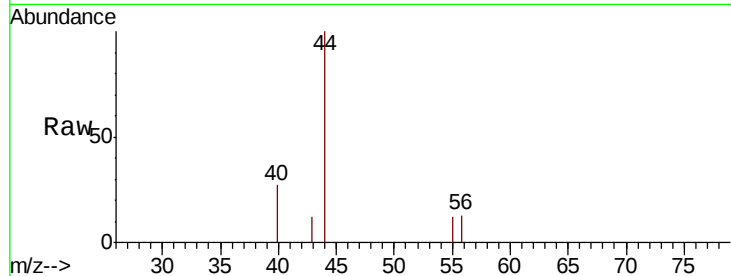
TP-8-D

Tot Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 95.7 55.4 83.2#



#16

Acetone

Concen: 10.264 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055802.D

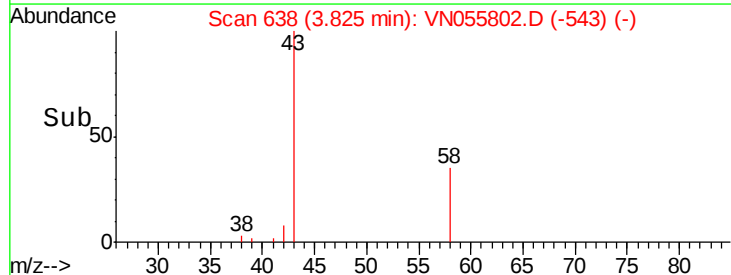
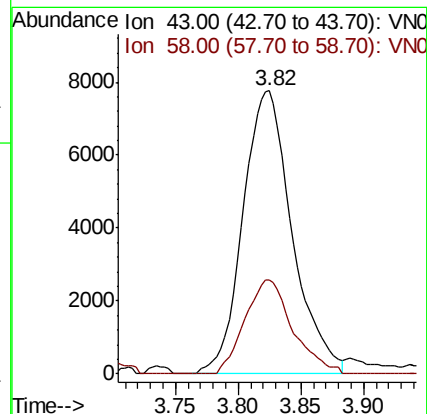
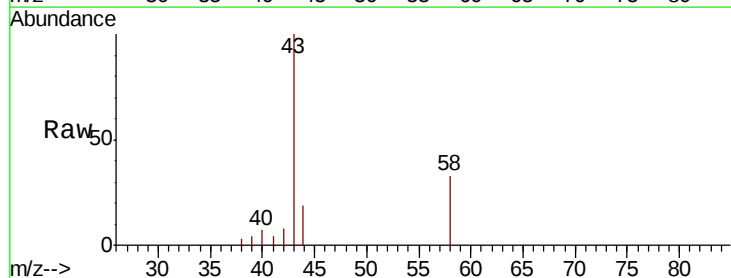
Acq: 24 May 2019 17:48

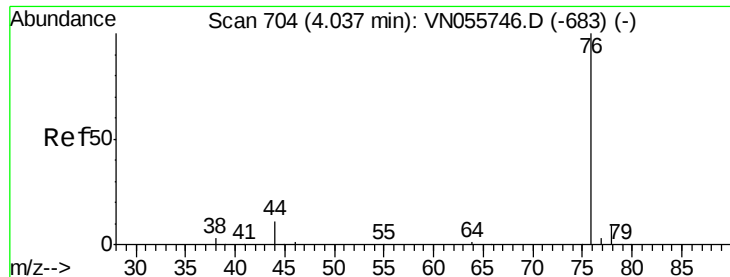
Tgt Ion: 43 Resp: 21186

Ion Ratio Lower Upper

43 100

58 33.2 26.6 39.8

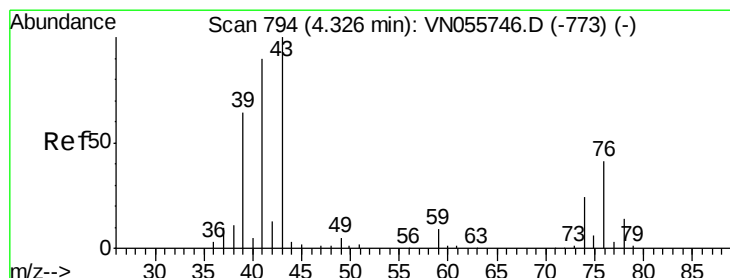
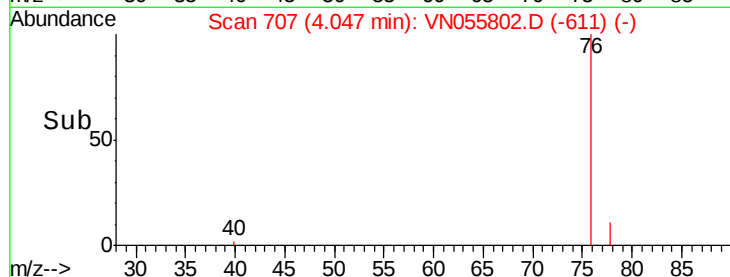
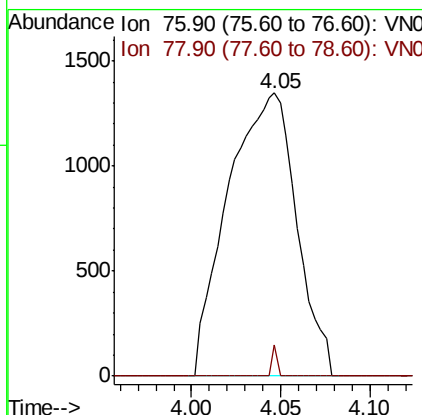
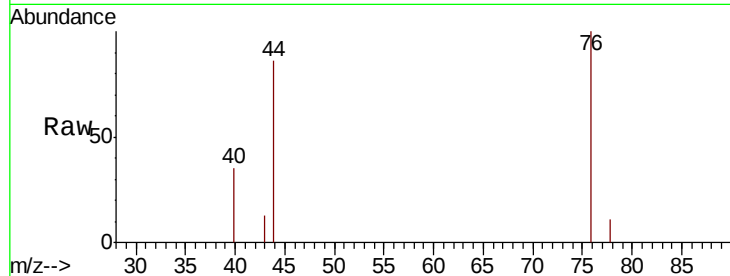




#17
Carbon Disulfide
Concen: 0.328 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

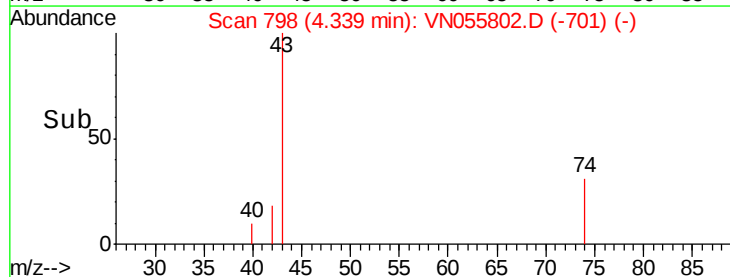
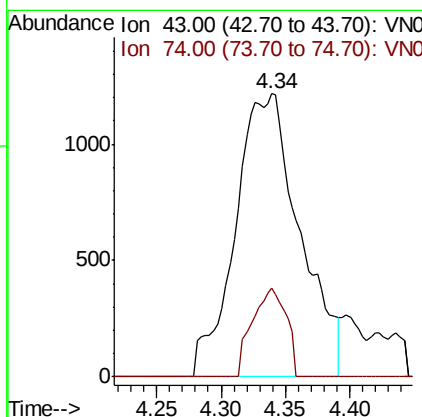
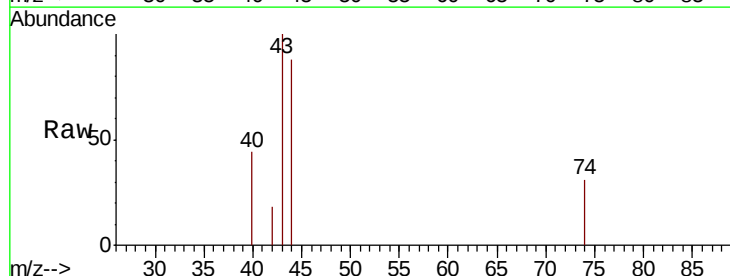
Instrument :
MSVOA_N
ClientSampled :
TP-8-D

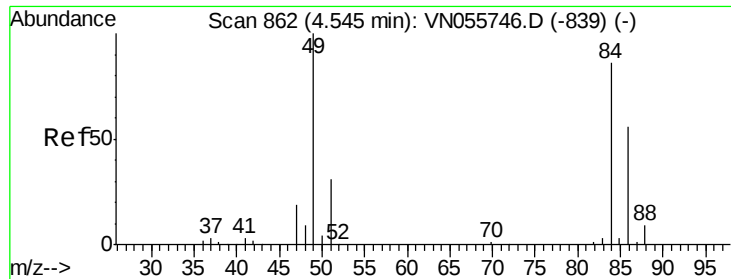
Tot Ion: 76 Resp: 3603
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Tgt Ion: 43 Resp: 4230
Ion Ratio Lower Upper
43 100
74 16.4 19.3 28.9#

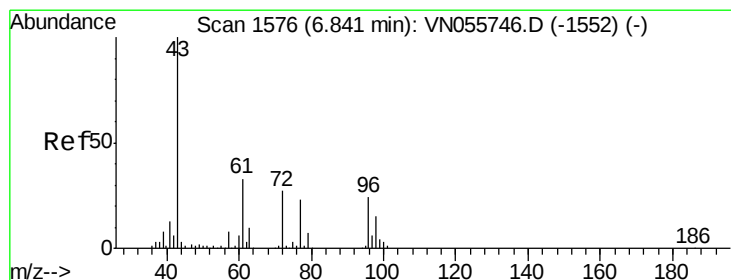
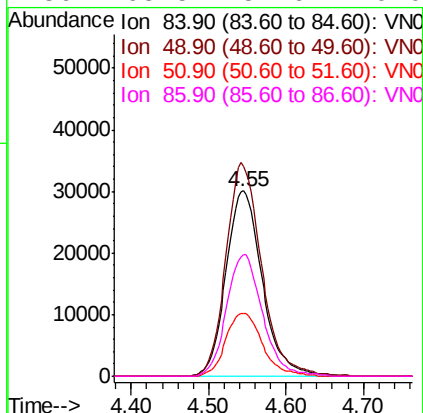
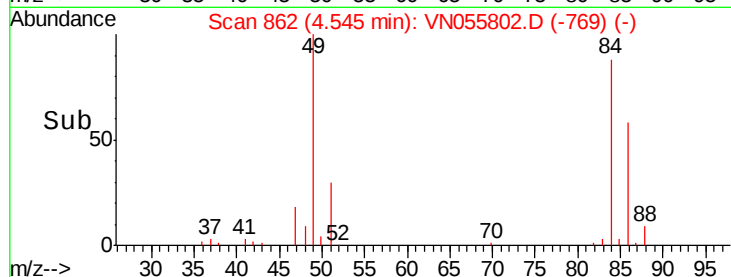
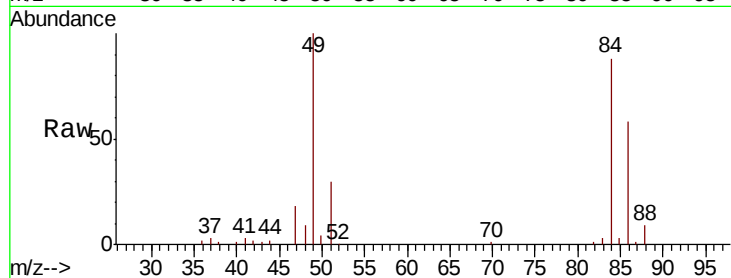




#20
Methvlene Chloride
Concen: 21.959 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

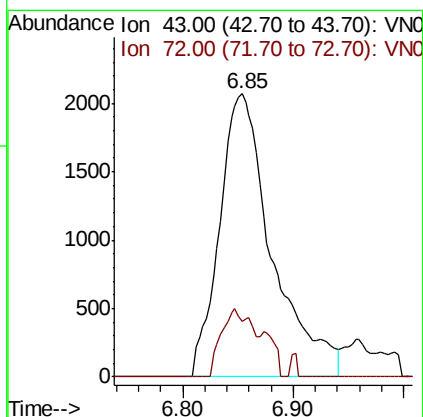
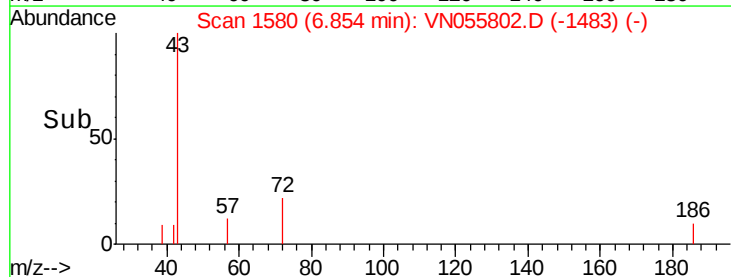
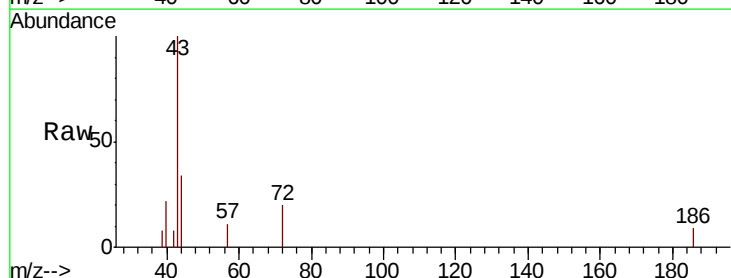
Instrument :
MSVOA_N
ClientSampleId :
TP-8-D

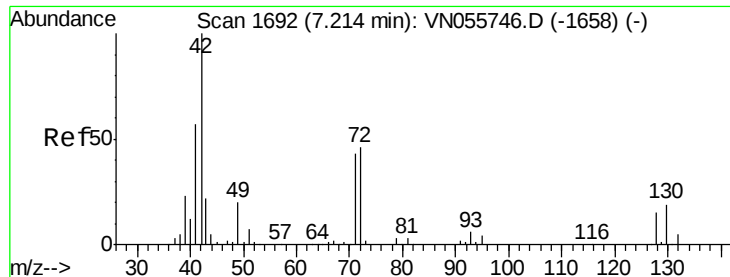
Tot Ion:	84	Resp:	98159
Ion	Ratio	Lower	Upper
84	100		
49	113.6	93.5	140.3
51	34.1	28.6	43.0
86	65.5	52.6	79.0



#25
2-Butanone
Concen: 2.367 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Tgt Ion:	43	Resp:	6822
Ion	Ratio	Lower	Upper
43	100		
72	19.6	21.9	32.9#





#29

Tetrahydrofuran

Concen: 0.324 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

TP-8-D

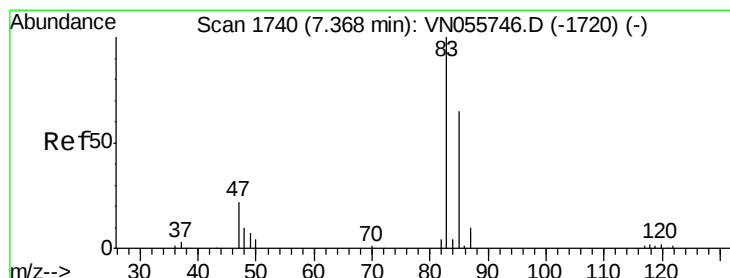
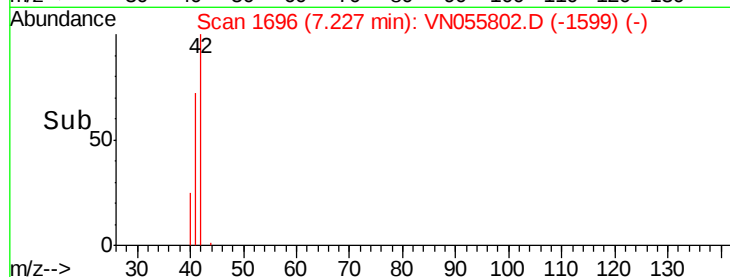
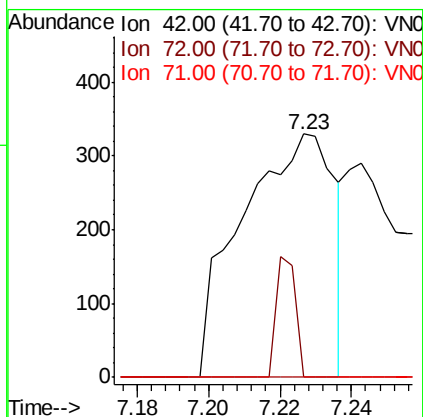
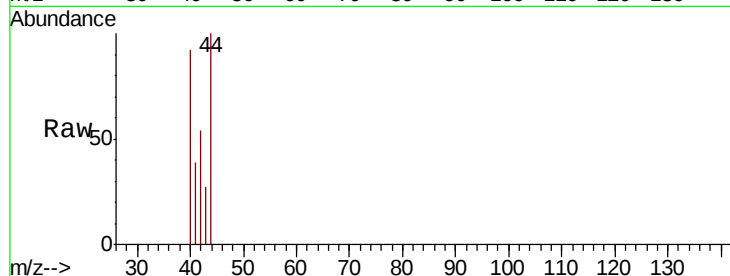
Tot Ion: 42 Resp: 591

Ion Ratio Lower Upper

42 100

72 10.3 35.9 53.9#

71 0.0 34.0 51.0#



#30

Chloroform

Concen: 0.611 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VN055802.D

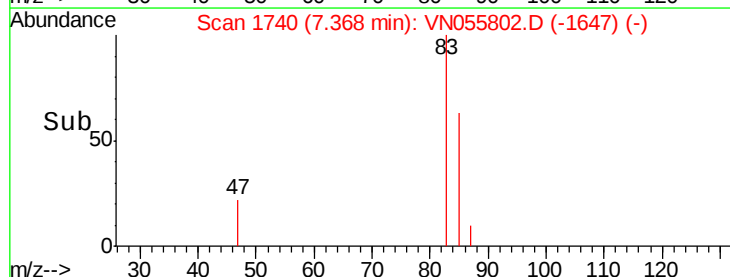
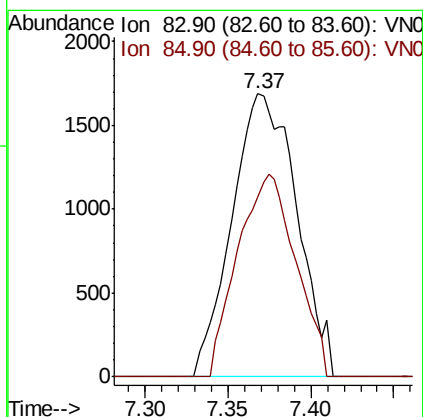
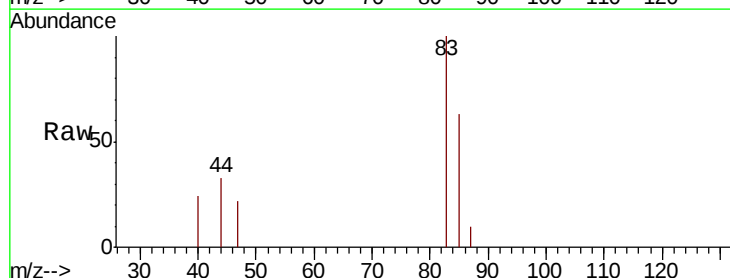
Acq: 24 May 2019 17:48

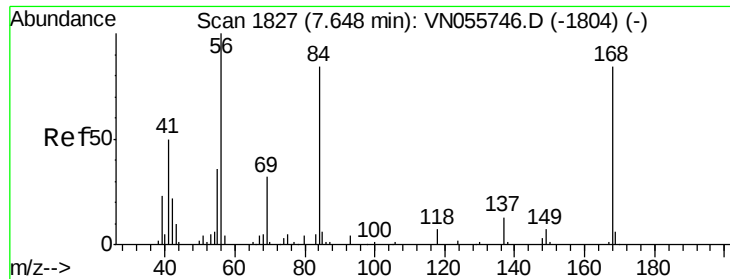
Tgt Ion: 83 Resp: 4575

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8





#31

Cyclohexane

Concen: 0.951 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

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ClientSampled :

TP-8-D

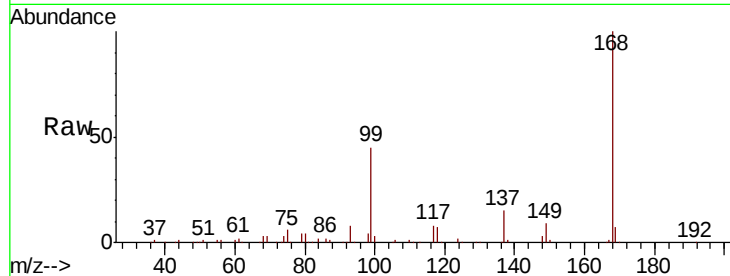
Tot Ion: 56 Resp: 6704

Ion Ratio Lower Upper

56 100

69 190.4 25.6 38.4#

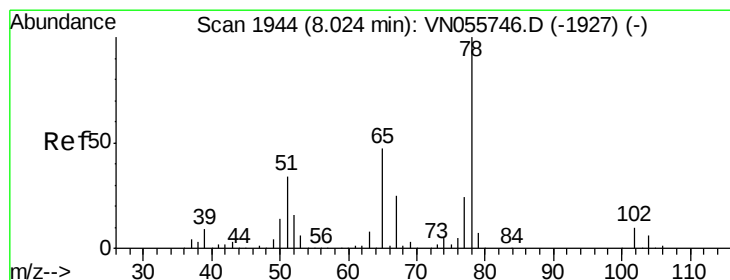
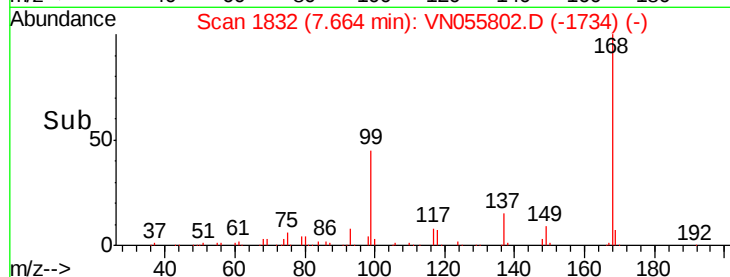
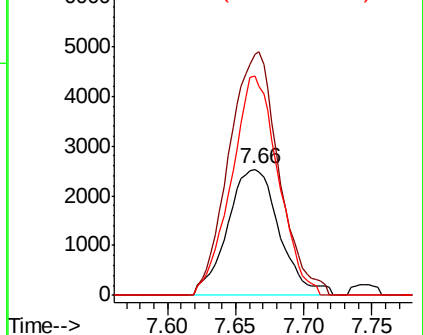
84 173.1 67.4 101.0#



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: 44.489 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055802.D

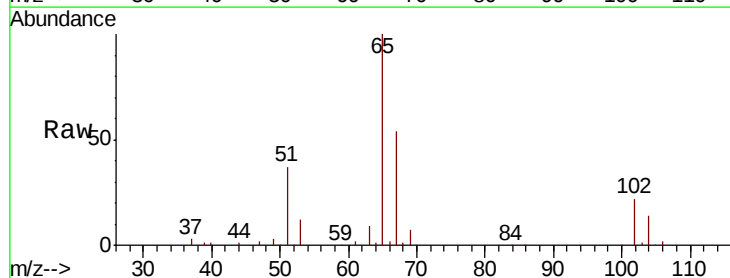
Acq: 24 May 2019 17:48

Tgt Ion: 65 Resp: 208904

Ion Ratio Lower Upper

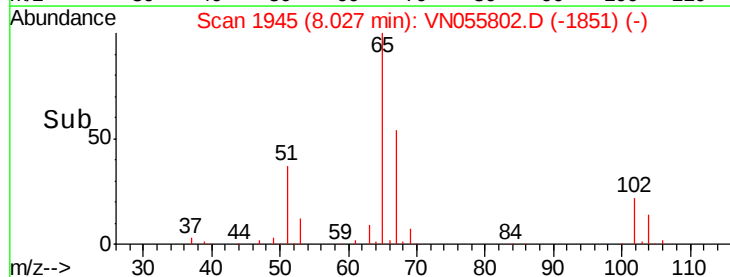
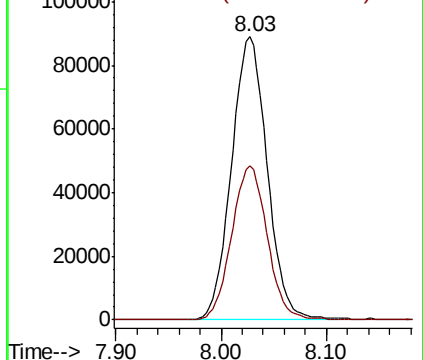
65 100

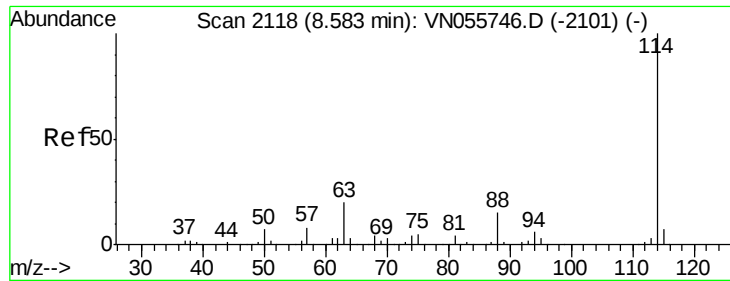
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

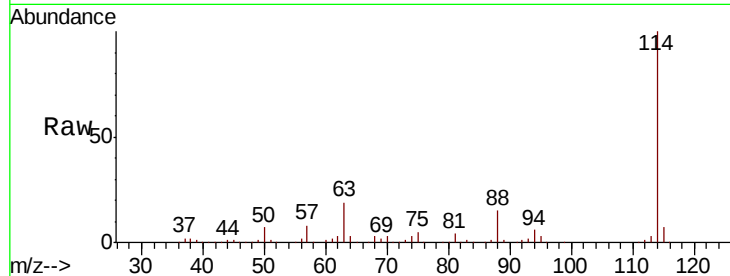




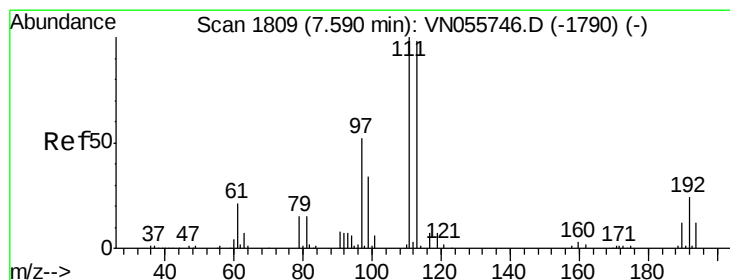
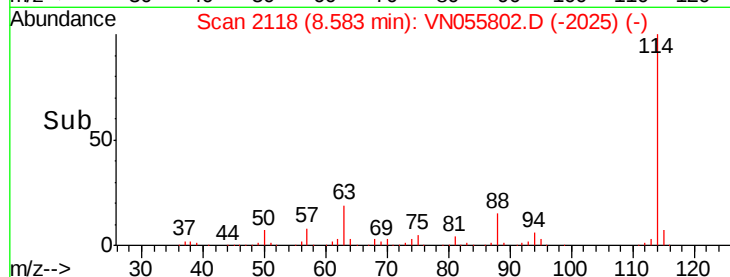
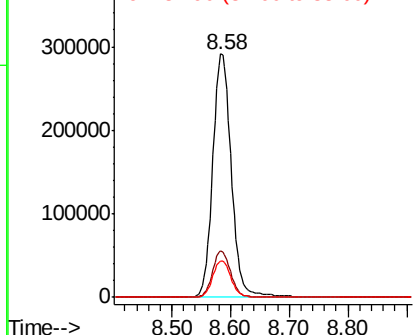
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Tot Ion:114 Resp: 639322
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 14.8 0.0 31.0

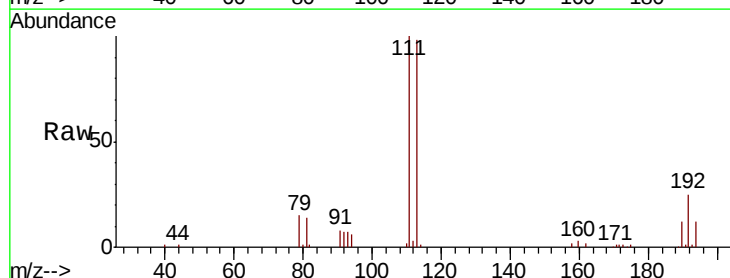


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

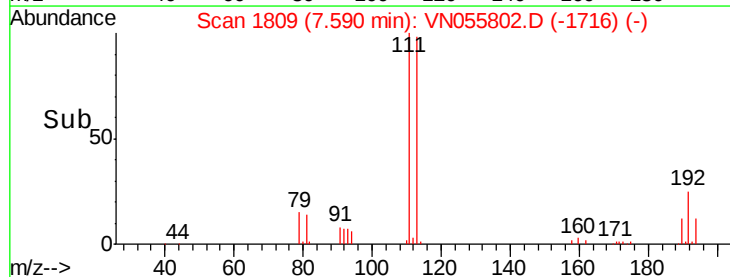
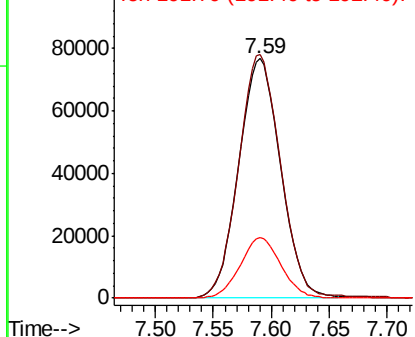


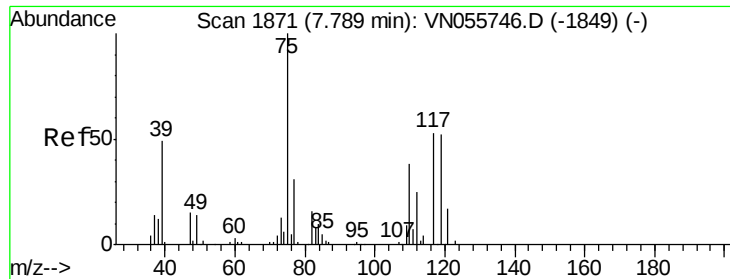
#35
 Dibromofluoromethane
 Concen: 47.848 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion:113 Resp: 193404
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 24.6 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

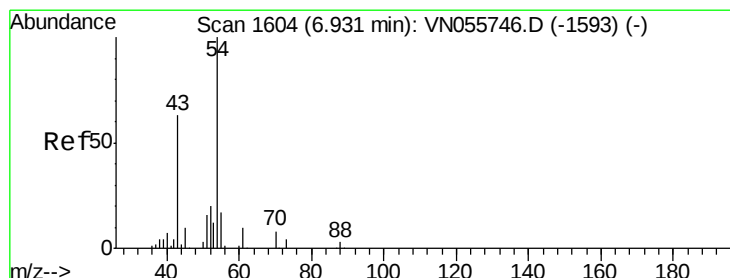
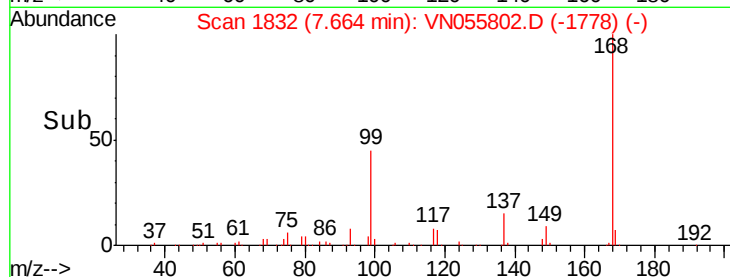
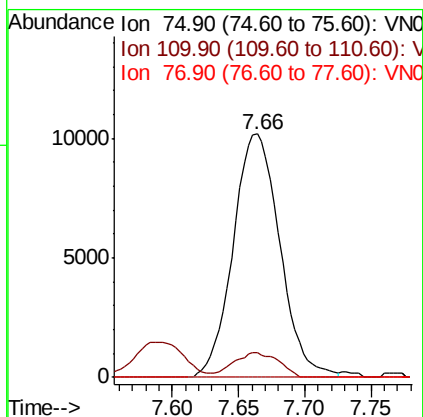
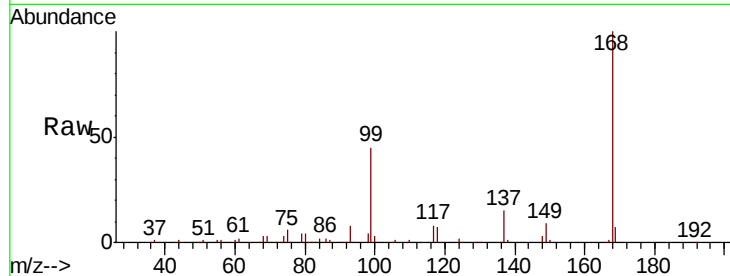




#36
 1,1-Dichloropropene
 Concen: 4.485 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

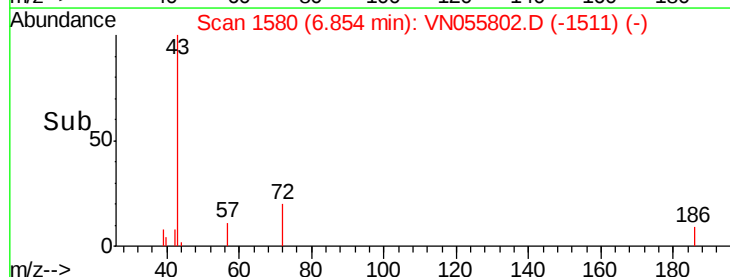
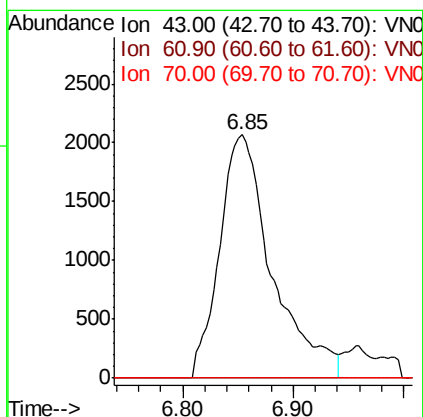
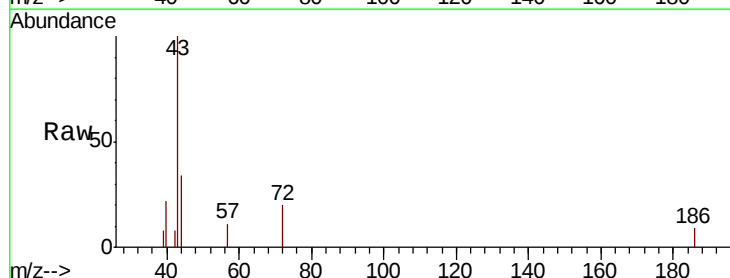
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

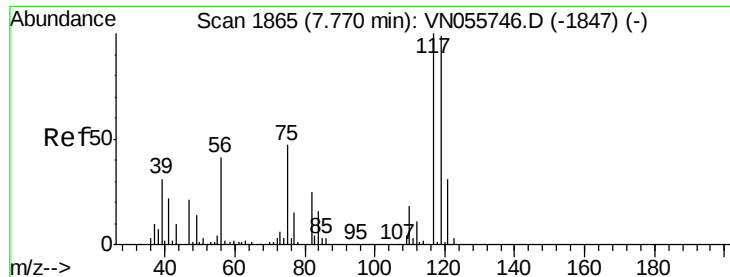
Tot Ion: 75 Resp: 24990
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.0 57.0#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.267 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion: 43 Resp: 6822
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.2 18.2#
 70 0.0 8.9 13.3#





#38

Carbon Tetrachloride

Concen: 6.080 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

TP-8-D

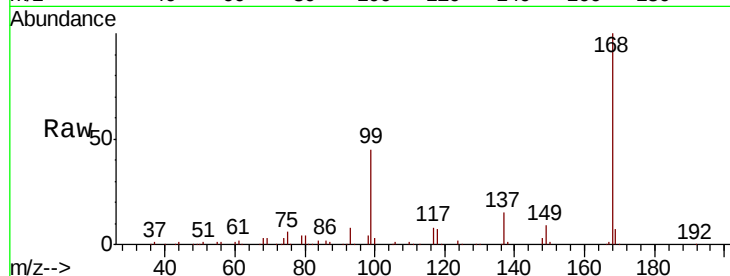
Tot Ion:117 Resp: 35286

Ion Ratio Lower Upper

117 100

119 4.6 79.0 118.6#

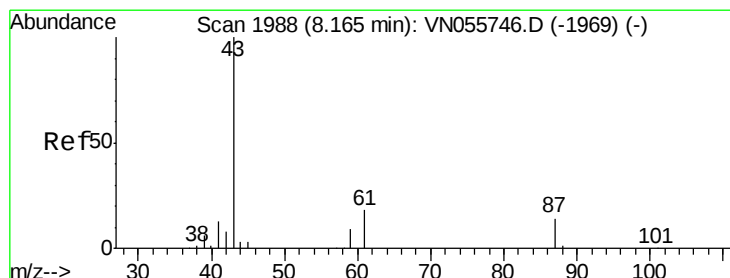
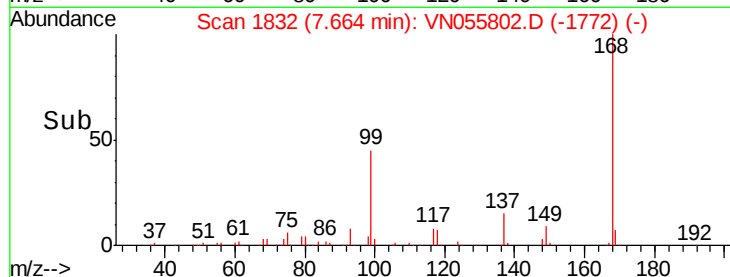
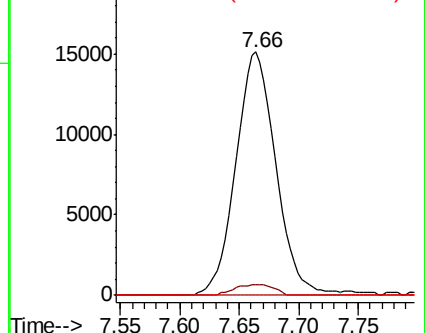
121 0.0 24.7 37.1#



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: 1.474 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

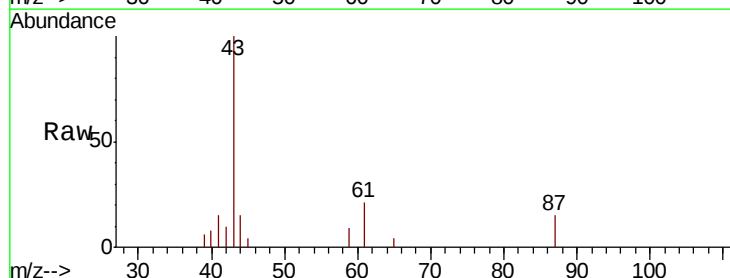
Tgt Ion: 43 Resp: 13333

Ion Ratio Lower Upper

43 100

61 19.2 22.2 33.4#

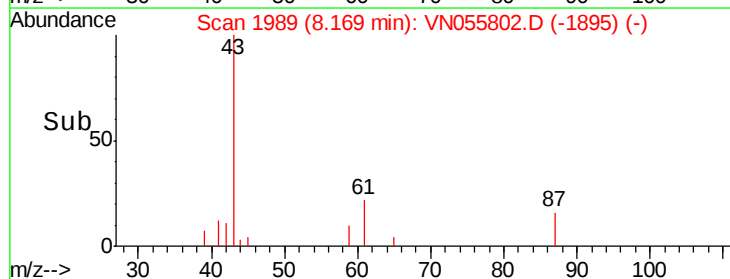
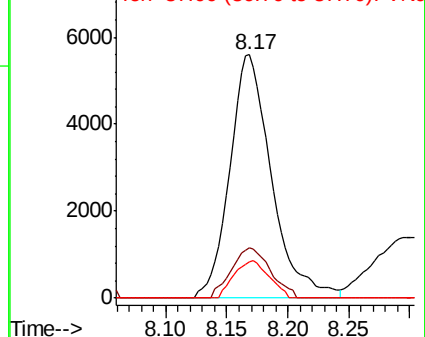
87 12.8 11.4 17.2

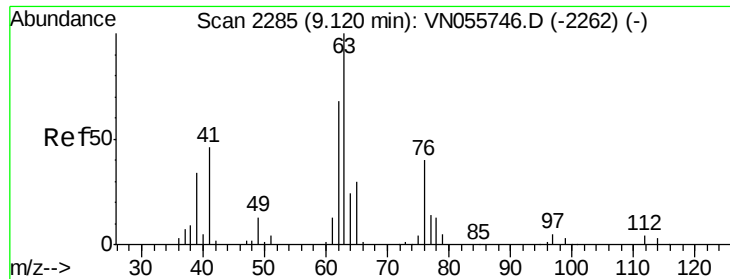


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.300 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

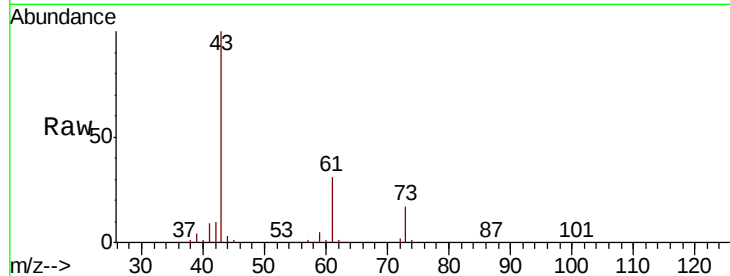
TP-8-D

Tot Ion: 63 Resp: 1314

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

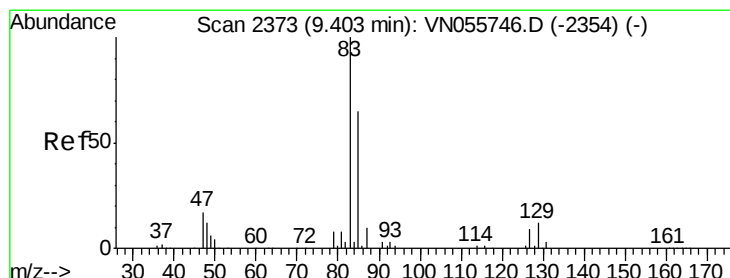
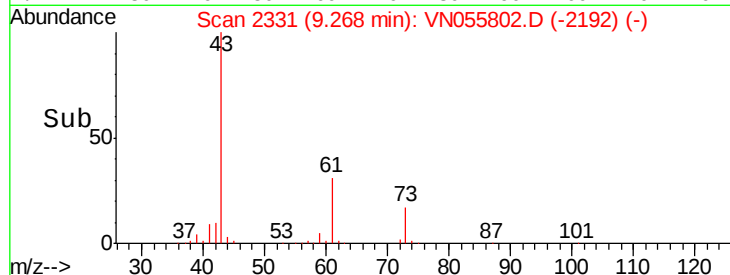
400

200

0

9.25 9.30

Time-->



#47

Bromodichloromethane

Concen: 0.202 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

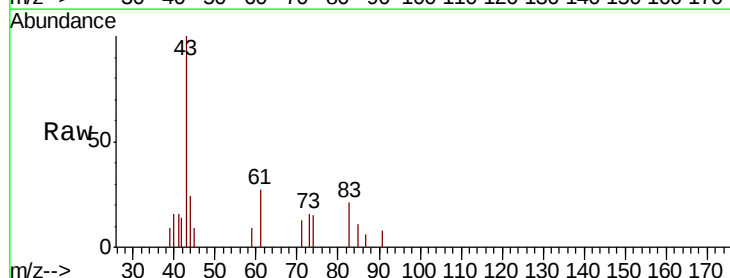
Tgt Ion: 83 Resp: 1187

Ion Ratio Lower Upper

83 100

85 53.7 52.2 78.2

127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

800

600

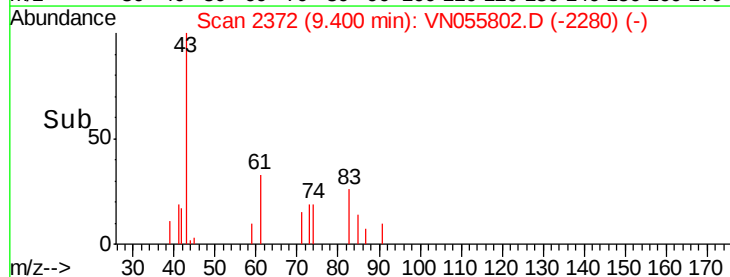
400

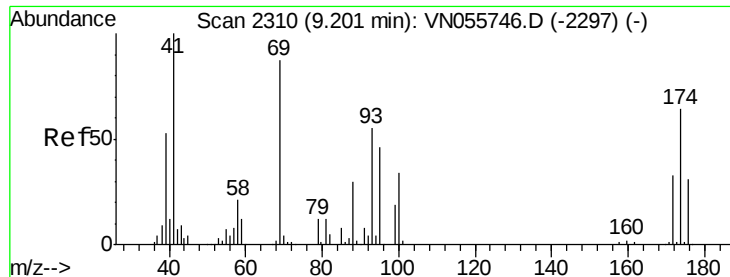
200

0

9.35 9.40 9.45

Time-->

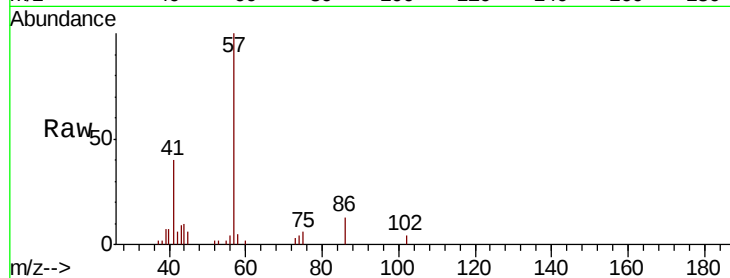




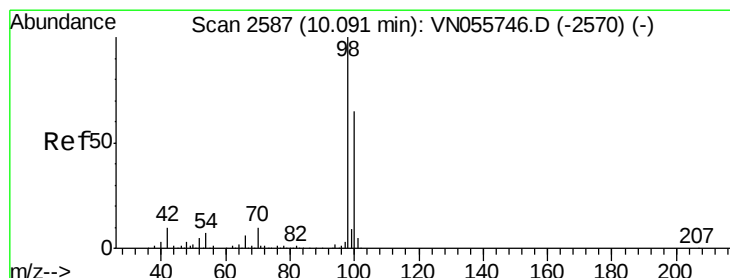
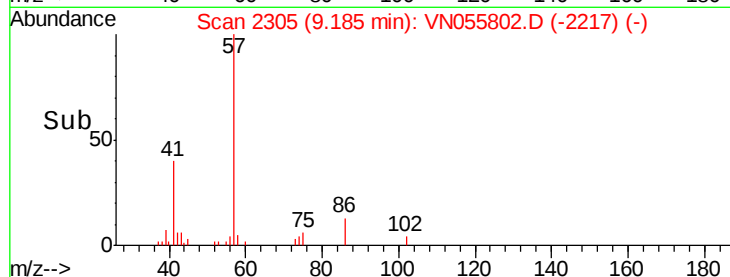
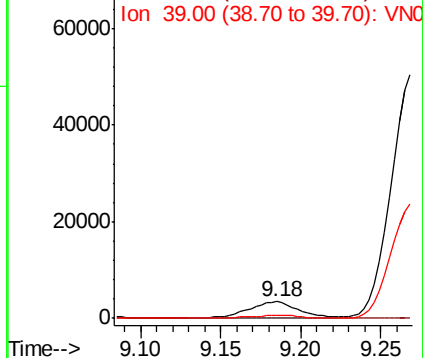
#48
Methyl methacrylate
Concen: 1.819 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Instrument :
MSVOA_N
ClientSampled :
TP-8-D

Tot Ion: 41 Resp: 7583
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#

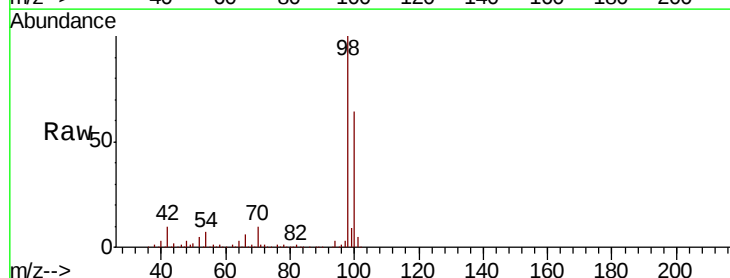


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

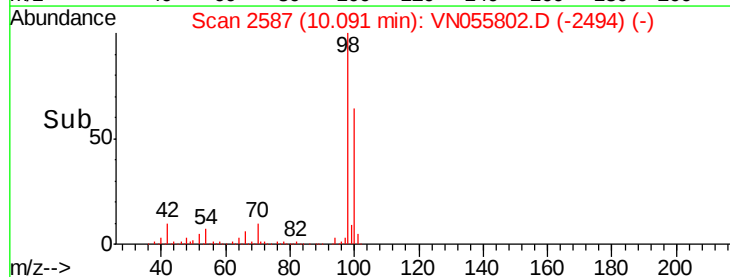
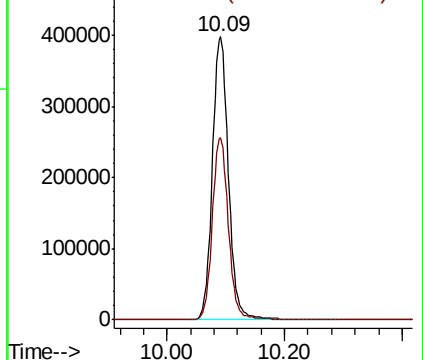


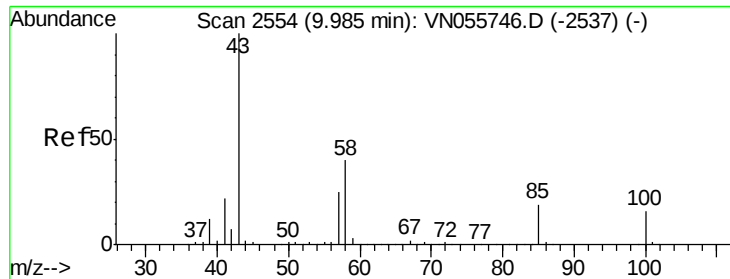
#50
Toluene-d8
Concen: 48.809 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Tgt Ion: 98 Resp: 756767
Ion Ratio Lower Upper
98 100
100 64.4 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: 0.698 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

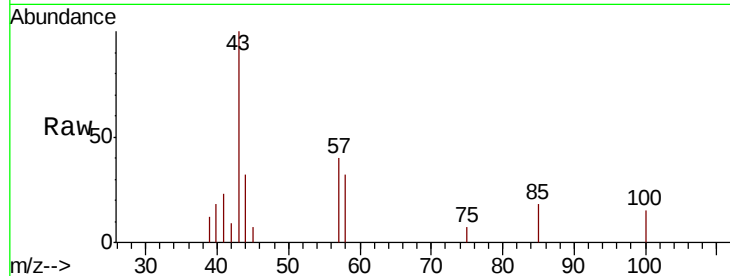
TP-8-D

Tot Ion: 43 Resp: 3731

Ion Ratio Lower Upper

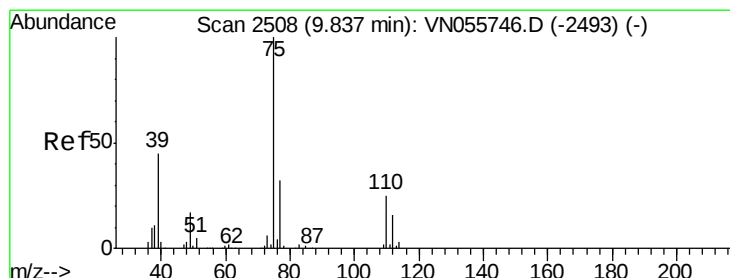
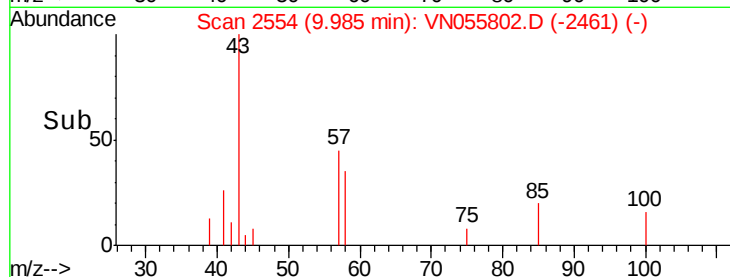
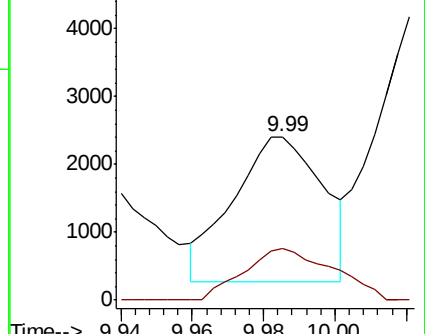
43 100

58 35.6 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: 7.156 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

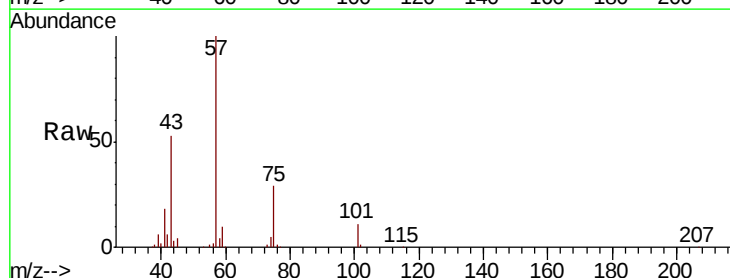
Tgt Ion: 75 Resp: 49786

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

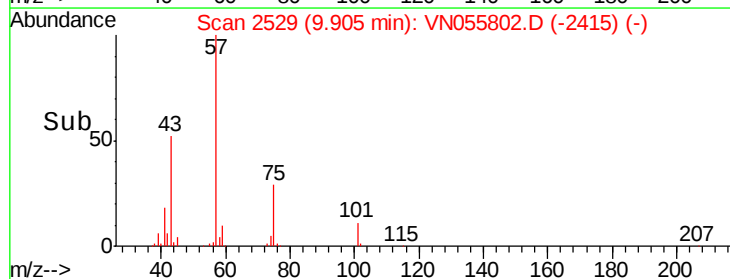
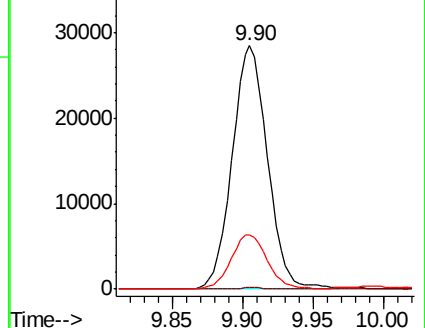
39 22.4 36.3 54.5#

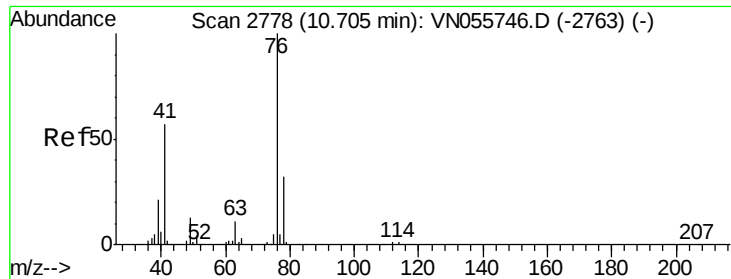


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.333 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

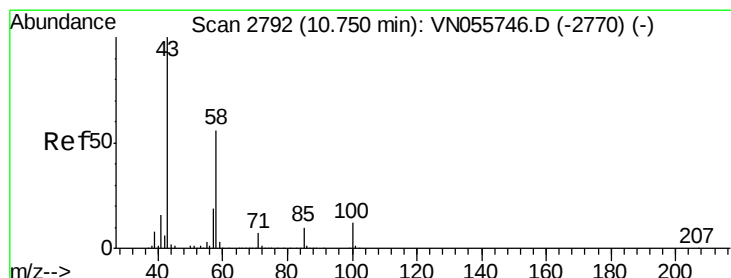
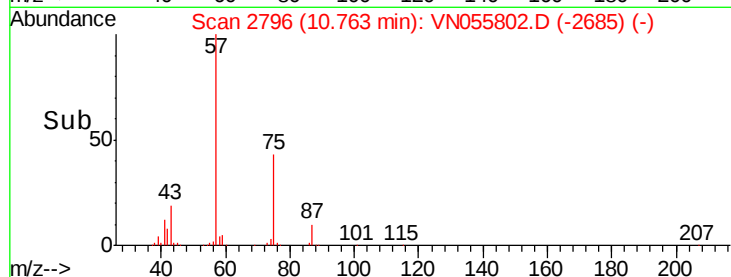
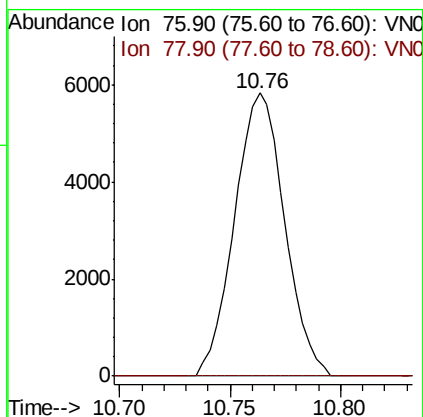
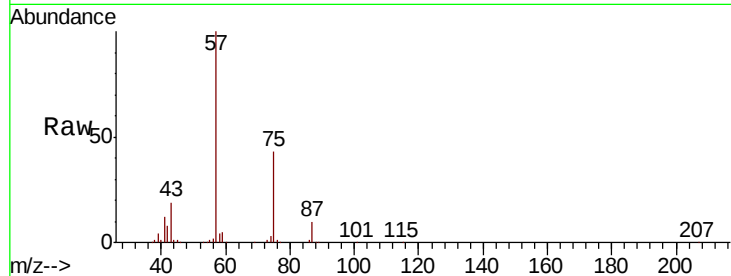
TP-8-D

Tot Ion: 76 Resp: 9167

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 33.369 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055802.D

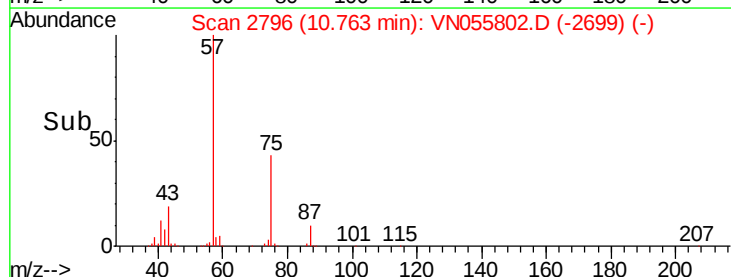
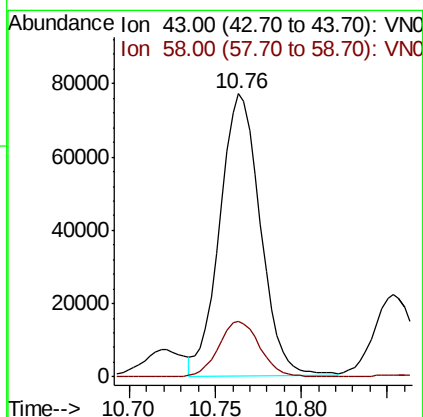
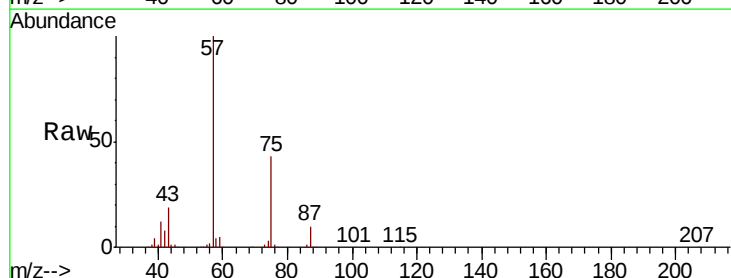
Acq: 24 May 2019 17:48

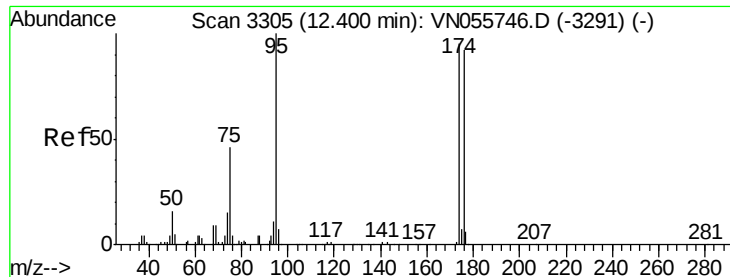
Tgt Ion: 43 Resp: 126490

Ion Ratio Lower Upper

43 100

58 20.1 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 47.699 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

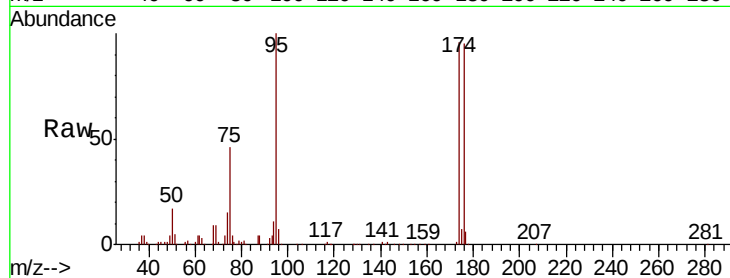
Tot Ion: 95 Resp: 253588

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 95.1 0.0 185.2



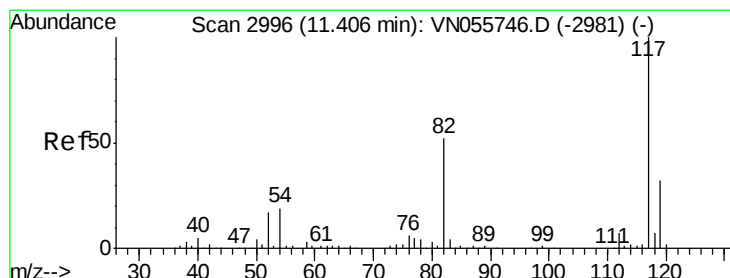
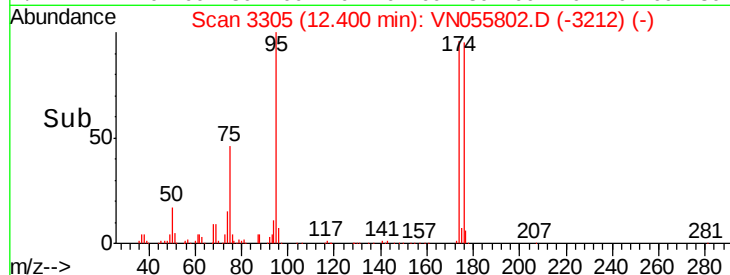
Abundance Ion 94.90 (94.60 to 95.60): VN055802.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055802.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055802.D (-2903) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

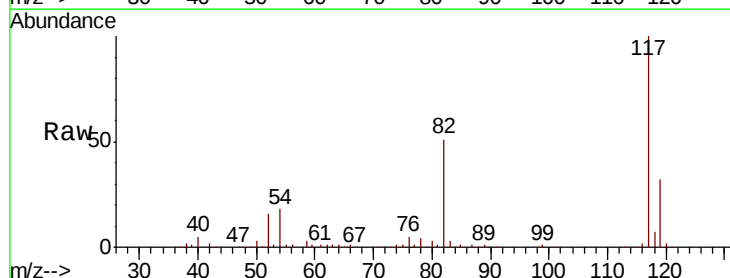
Tgt Ion: 117 Resp: 587249

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 31.9 25.4 38.0



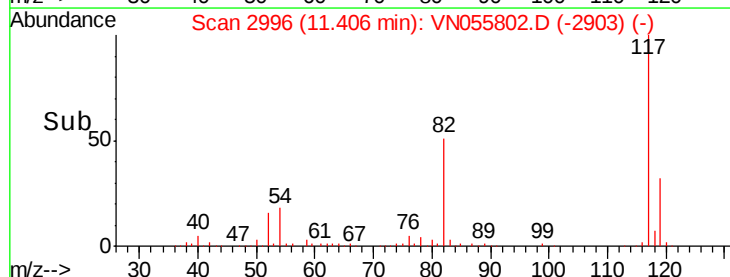
Abundance Ion 116.90 (116.60 to 117.60): VN055802.D (-2903) (-)

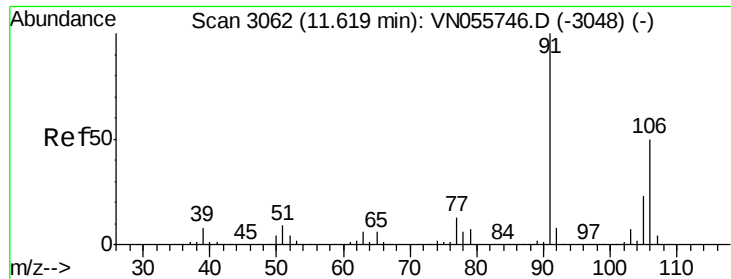
Ion 82.00 (81.70 to 82.70): VN055802.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055802.D (-2903) (-)

11.41

Time-->

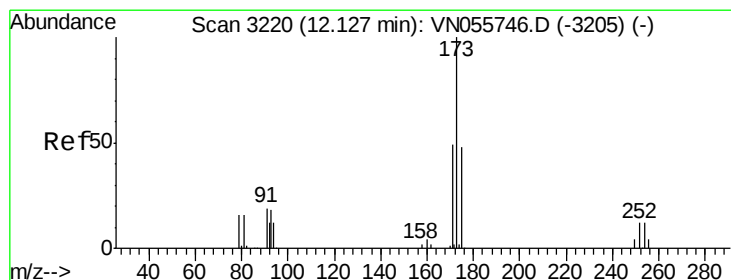
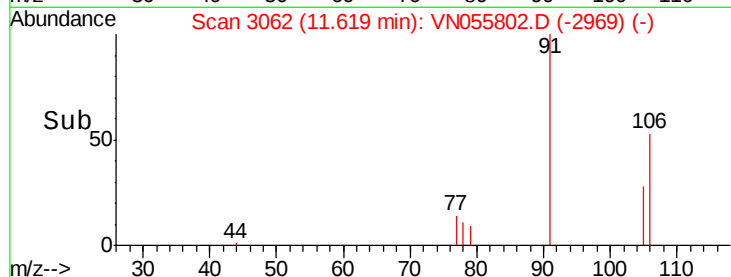
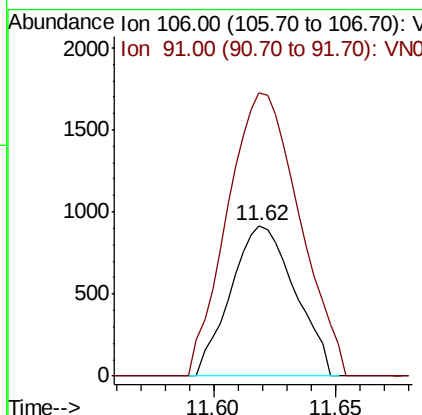
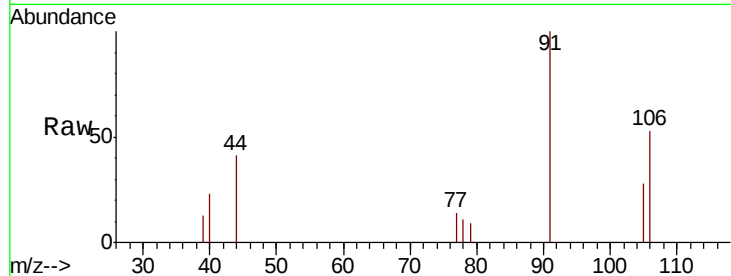




#68
m/p-Xvlenes
Concen: 0.210 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

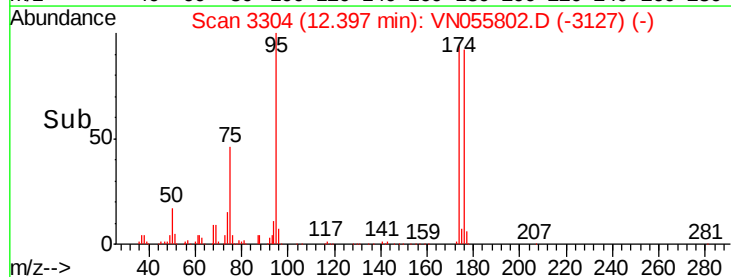
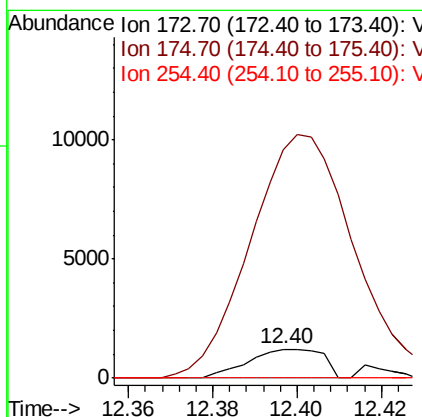
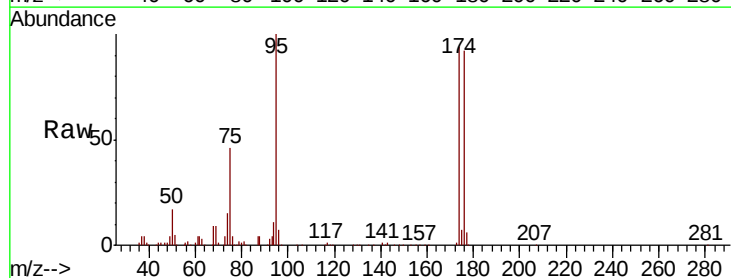
Instrument :
MSVOA_N
ClientSampleId :
TP-8-D

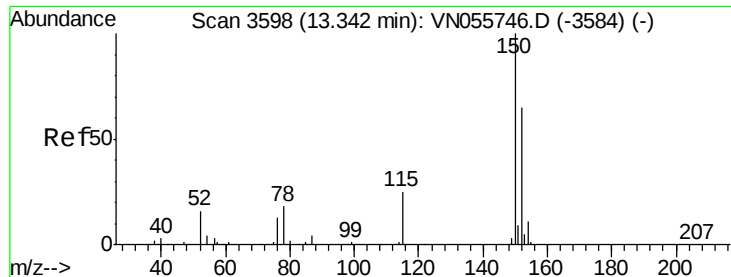
Tot Ion:106 Resp: 1671
Ion Ratio Lower Upper
106 100
91 211.2 159.3 238.9



#71
Bromoform
Concen: 0.370 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Tgt Ion:173 Resp: 1481
Ion Ratio Lower Upper
173 100
175 1027.5 24.3 72.8#
254 0.0 0.0 0.0



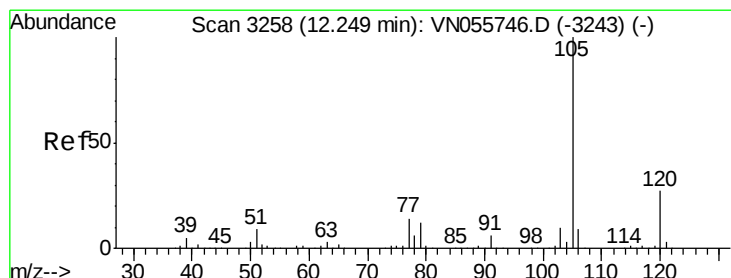
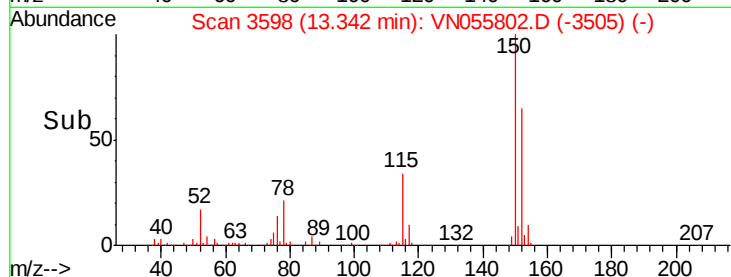
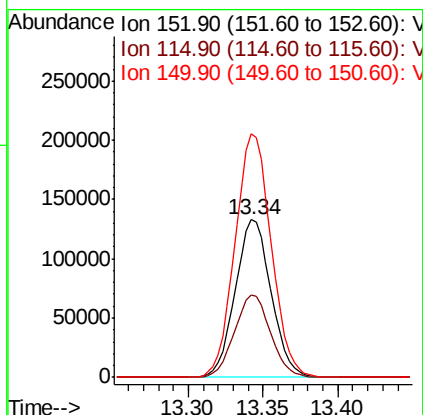
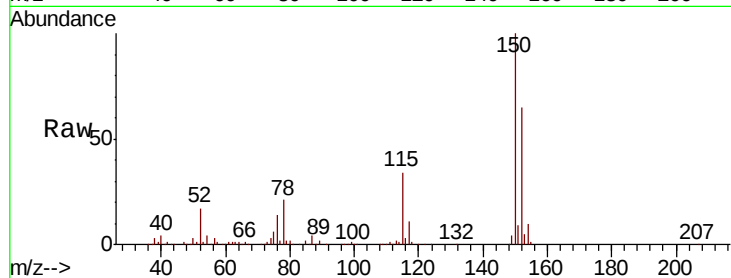


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Instrument :
MSVOA_N
ClientSampled :
TP-8-D

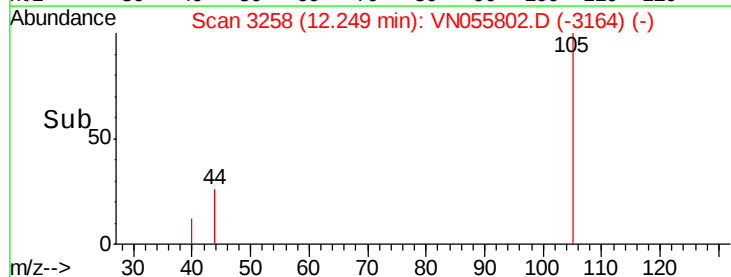
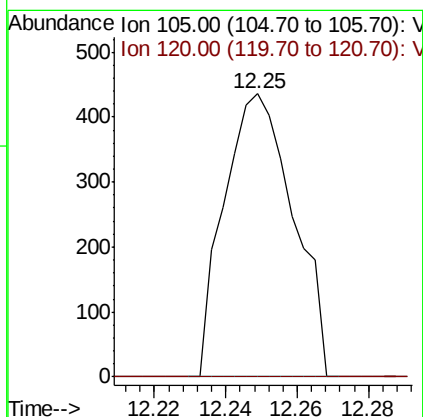
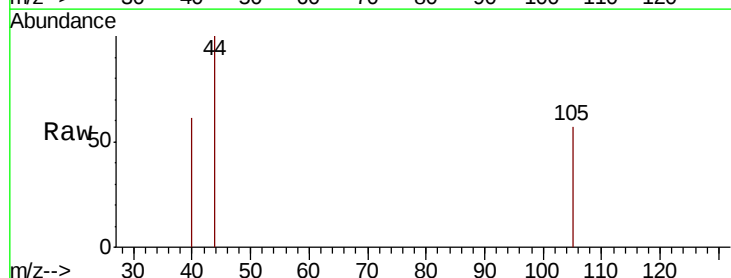
Tot Ion:152 Resp: 221638
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 156.4 0.0 343.2

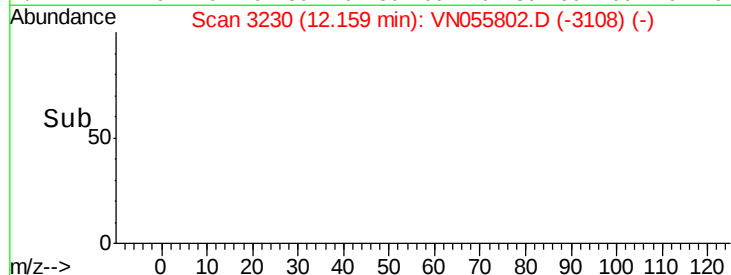
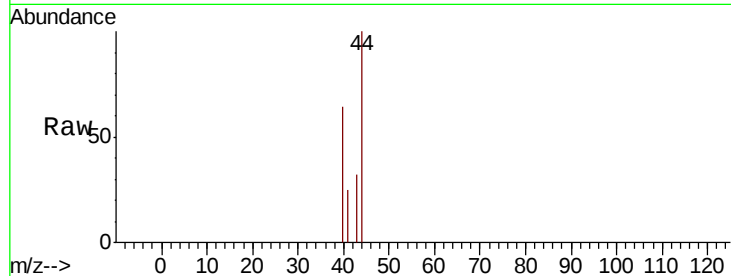
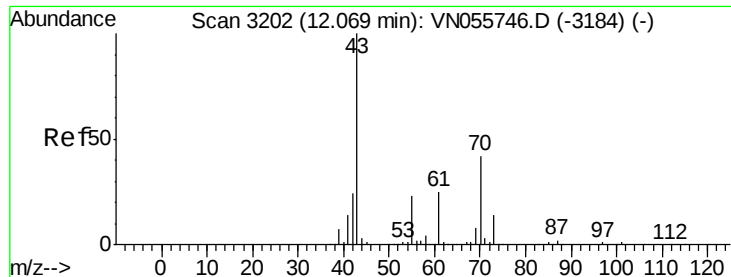


#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055802.D
Acq: 24 May 2019 17:48

Tgt Ion:105 Resp: 582
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#





#74

N-amvl acetate

Concen: Below Cal

RT: 12.16 min Scan# 3230

Delta R.T. 0.09 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

TP-8-D

Tot Ion: 43 Resp: 415

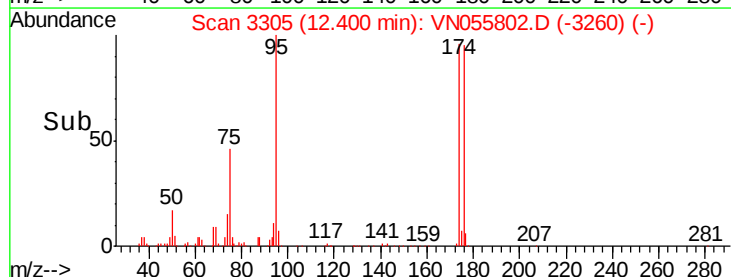
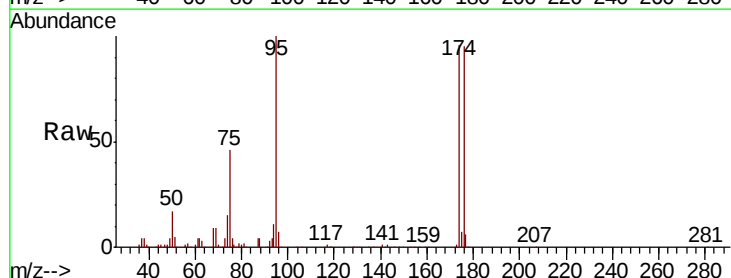
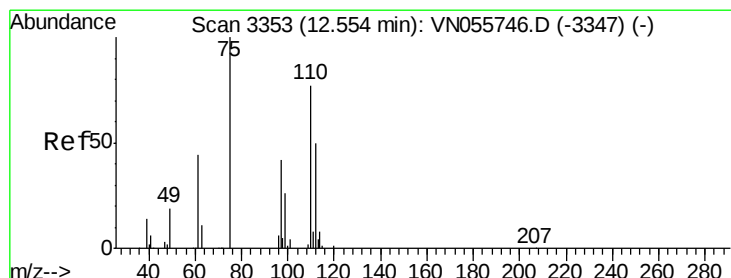
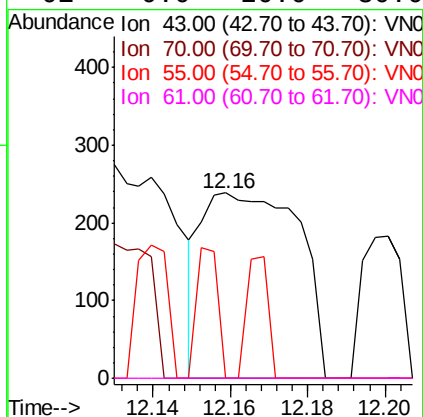
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 15.4 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 29.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055802.D

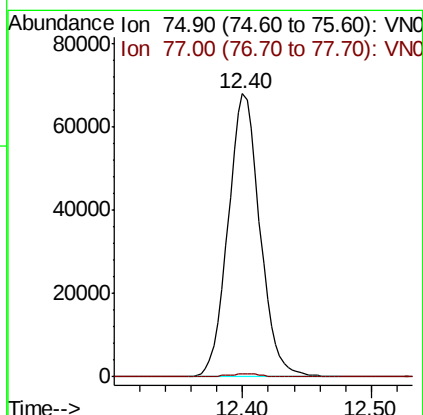
Acq: 24 May 2019 17:48

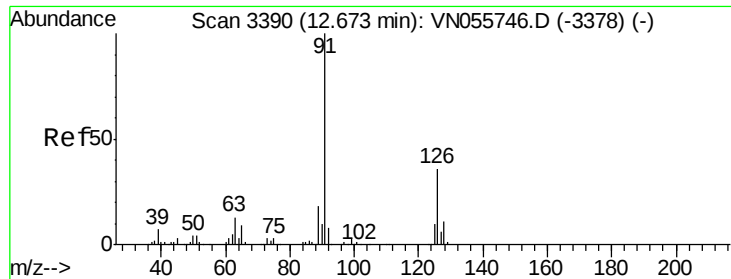
Tgt Ion: 75 Resp: 116641

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

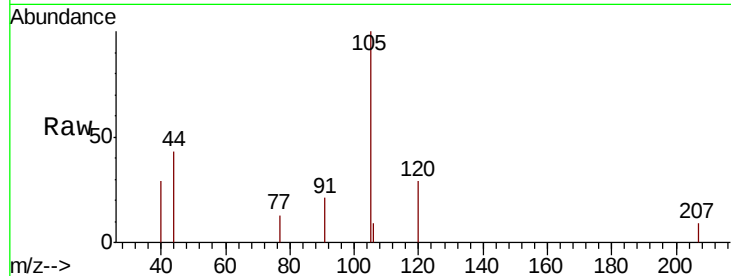
TP-8-D

Tot Ion: 91 Resp: 392

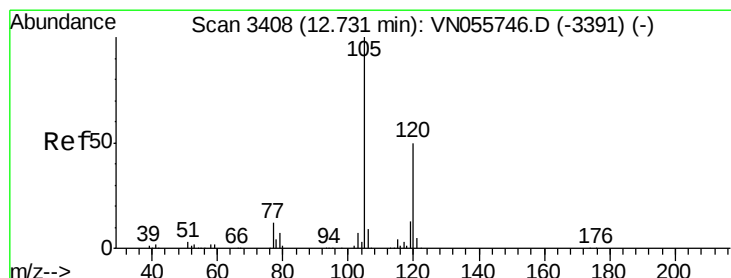
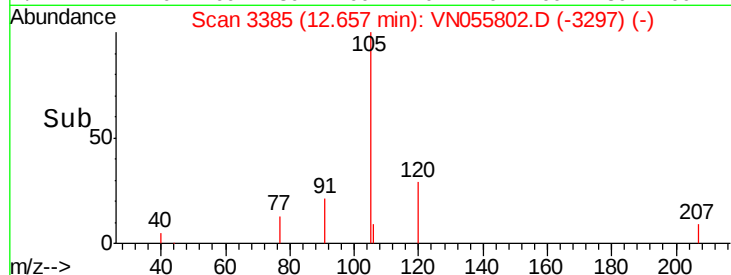
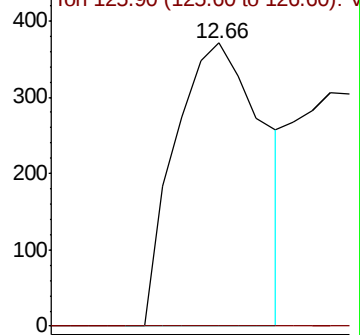
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055802.D (-3385) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055802.D

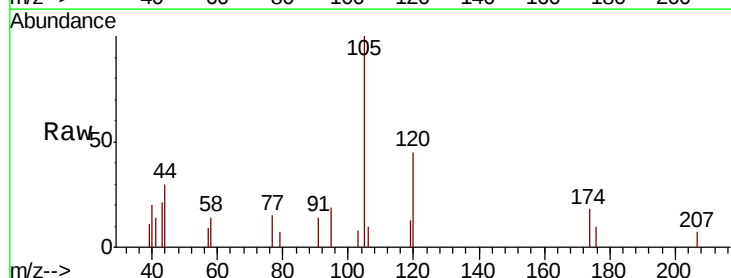
Acq: 24 May 2019 17:48

Tgt Ion:105 Resp: 3501

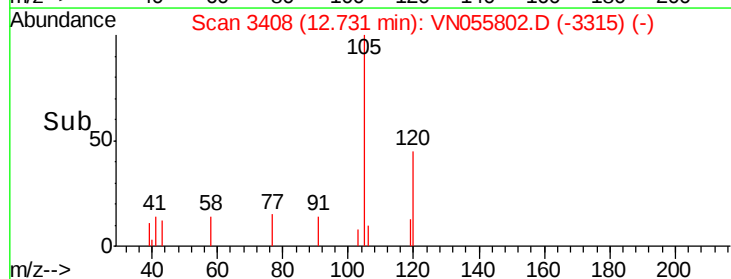
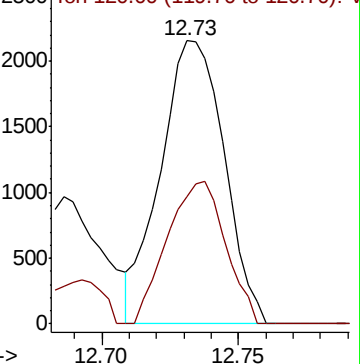
Ion Ratio Lower Upper

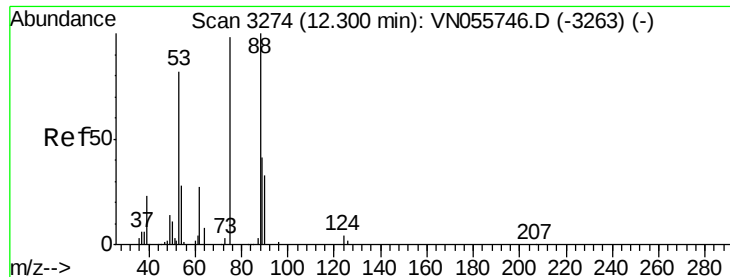
105 100

120 46.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055802.D (-3408) (-)

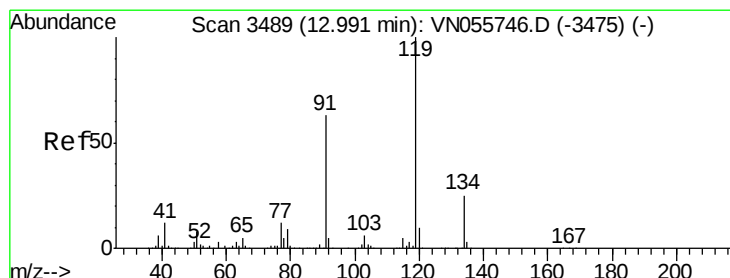
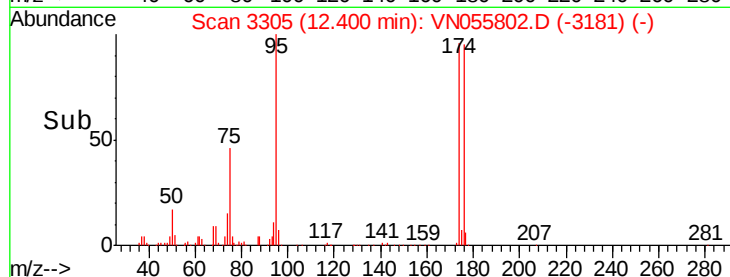
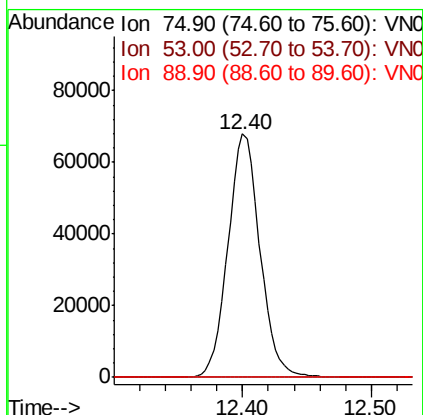
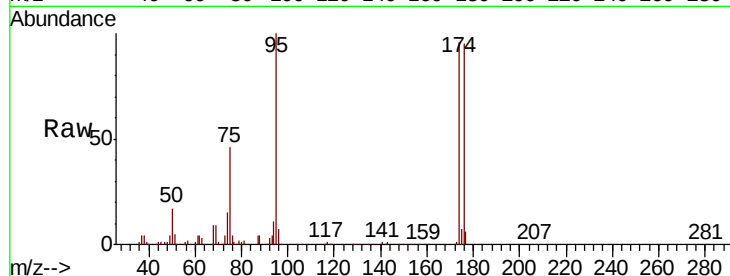




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.808 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

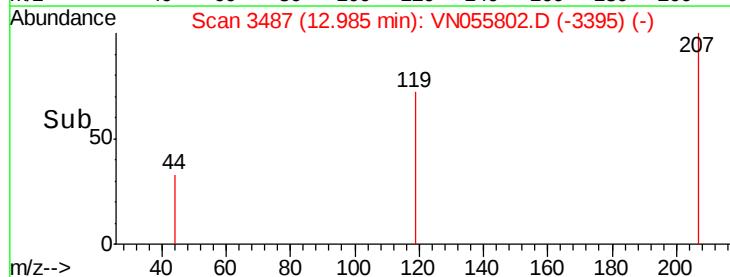
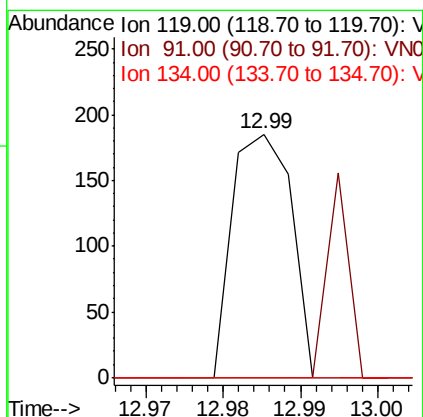
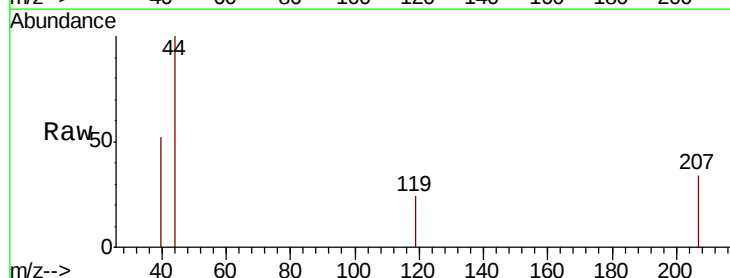
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8-D

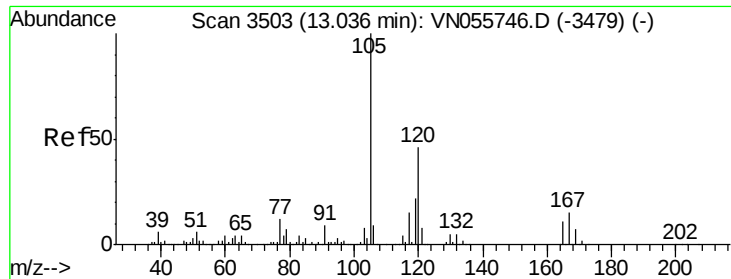
Tot Ion: 75 Resp: 116641
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion: 119 Resp: 99
 Ion Ratio Lower Upper
 119 100
 91 30.3 30.9 92.8#
 134 0.0 13.3 39.8#

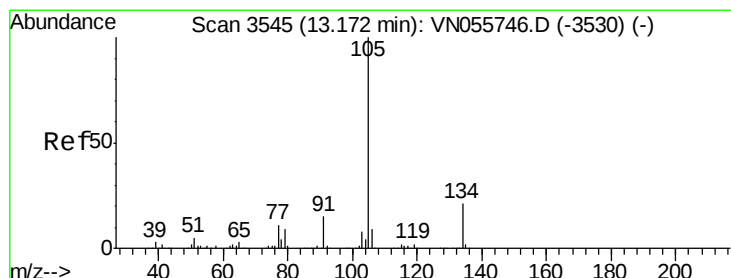
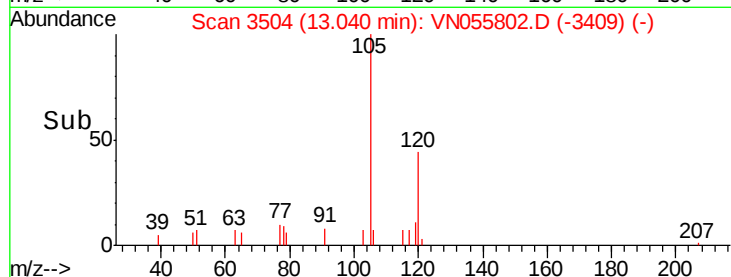
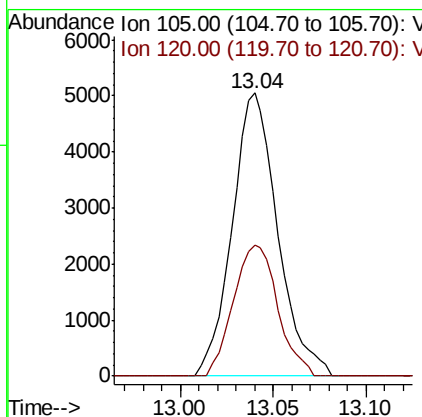
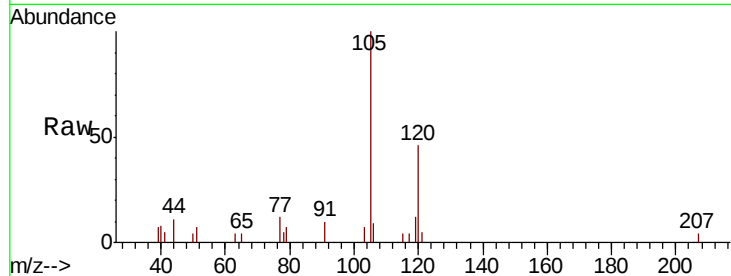




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

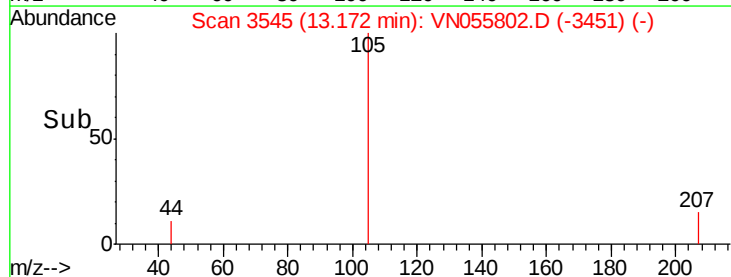
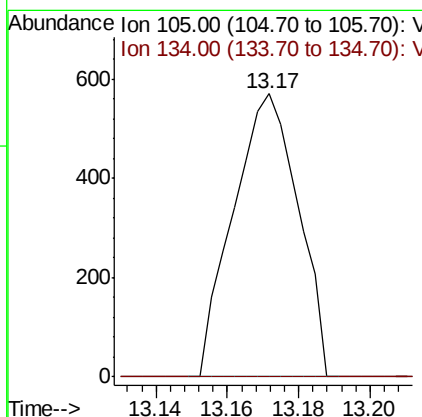
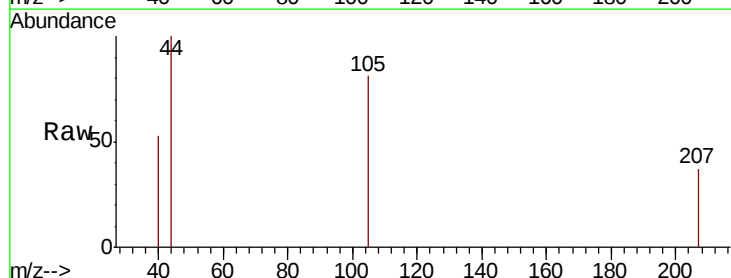
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

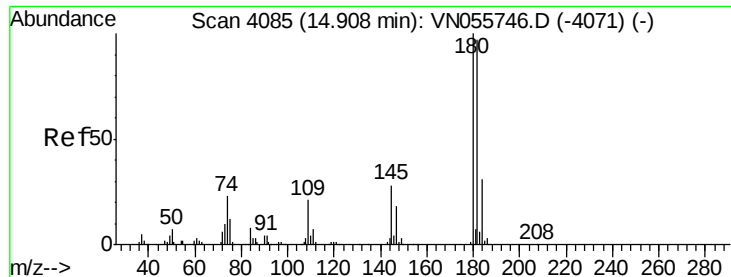
Tot Ion:105 Resp: 8602
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion:105 Resp: 715
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

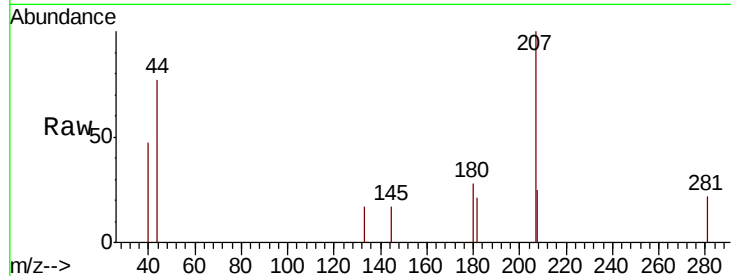




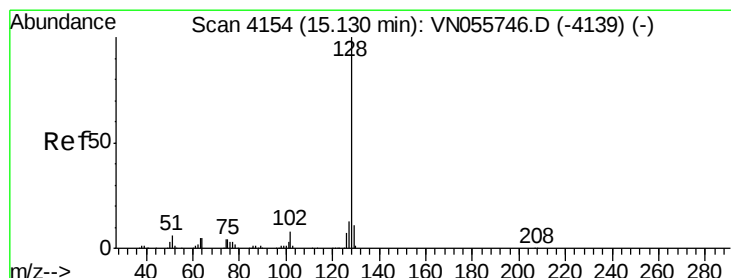
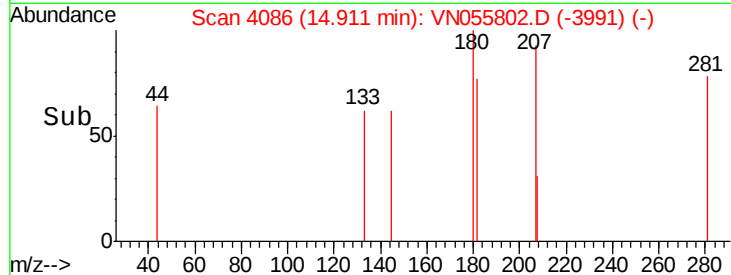
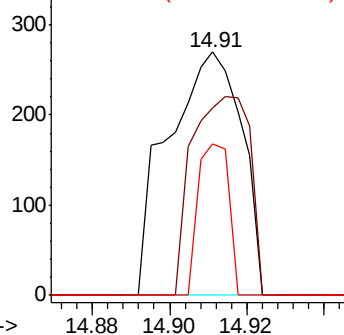
#93
 1,2,4-Trichlorobenzene
 Concen: 3.714 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Instrument :
 MSVOA_N
 ClientSampled :
 TP-8-D

Tot Ion:180 Resp: 359
 Ion Ratio Lower Upper
 180 100
 182 64.1 48.3 144.9
 145 25.9 14.0 41.9

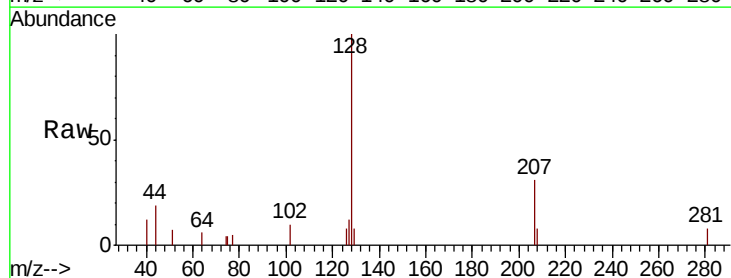


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.697 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion:128 Resp: 7143
 Ion Ratio Lower Upper
 128 100
 127 10.8 10.3 15.5
 129 8.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

