

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055912.D
 Acq On : 31 May 2019 12:12
 Operator : JC/SP
 Sample : K3124-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-D

Quant Time: May 31 18:05:27 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	378629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187960	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	190912	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	167107	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	10.09	98	676233	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	224214	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	131	0.245	ug/l #	1
16) Acetone	3.82	43	9049	5.265	ug/l #	88
18) Methyl Acetate	4.34	43	3585	Below Cal	#	65
20) Methylene Chloride	4.55	84	43013	11.555	ug/l	96
29) Tetrahydrofuran	7.23	42	1316	0.866	ug/l #	63
30) Chloroform	7.38	83	1689	0.271	ug/l #	82
31) Cyclohexane	7.66	56	5833	0.994	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22419	4.543	ug/l #	48
38) Carbon Tetrachloride	7.66	117	30619	5.957	ug/l #	15
43) Isopropyl Acetate	8.17	43	13516	1.687	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1539	0.397	ug/l #	44
48) Methyl methacrylate	9.18	41	7297	1.976	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4597	0.971	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	52946	8.592	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	11507	1.889	ug/l #	42
59) 2-Hexanone	10.76	43	145877	43.448	ug/l #	51
68) m/p-Xylenes	11.62	106	1561	0.220	ug/l	100
71) Bromoform	12.40	173	1474	0.414	ug/l #	1
73) Isopropylbenzene	12.25	105	1142	Below Cal		74
74) N-amyl acetate	12.07	43	802	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	104323	31.039	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1143	Below Cal		72
80) 1,3,5-Trimethylbenzene	12.73	105	6255	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	104323	74.678	ug/l #	15
83) tert-Butylbenzene	12.99	119	667	Below Cal	#	84
84) 1,2,4-Trimethylbenzene	13.04	105	6828	Below Cal		99
85) sec-Butylbenzene	13.17	105	1733	Below Cal		92
89) n-Butylbenzene	13.61	91	2551	0.255	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	1904	4.121	ug/l #	86
94) Hexachlorobutadiene	15.01	225	524	Below Cal		82
95) Naphthalene	15.13	128	76436	8.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	2445	0.730	ug/l #	89

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

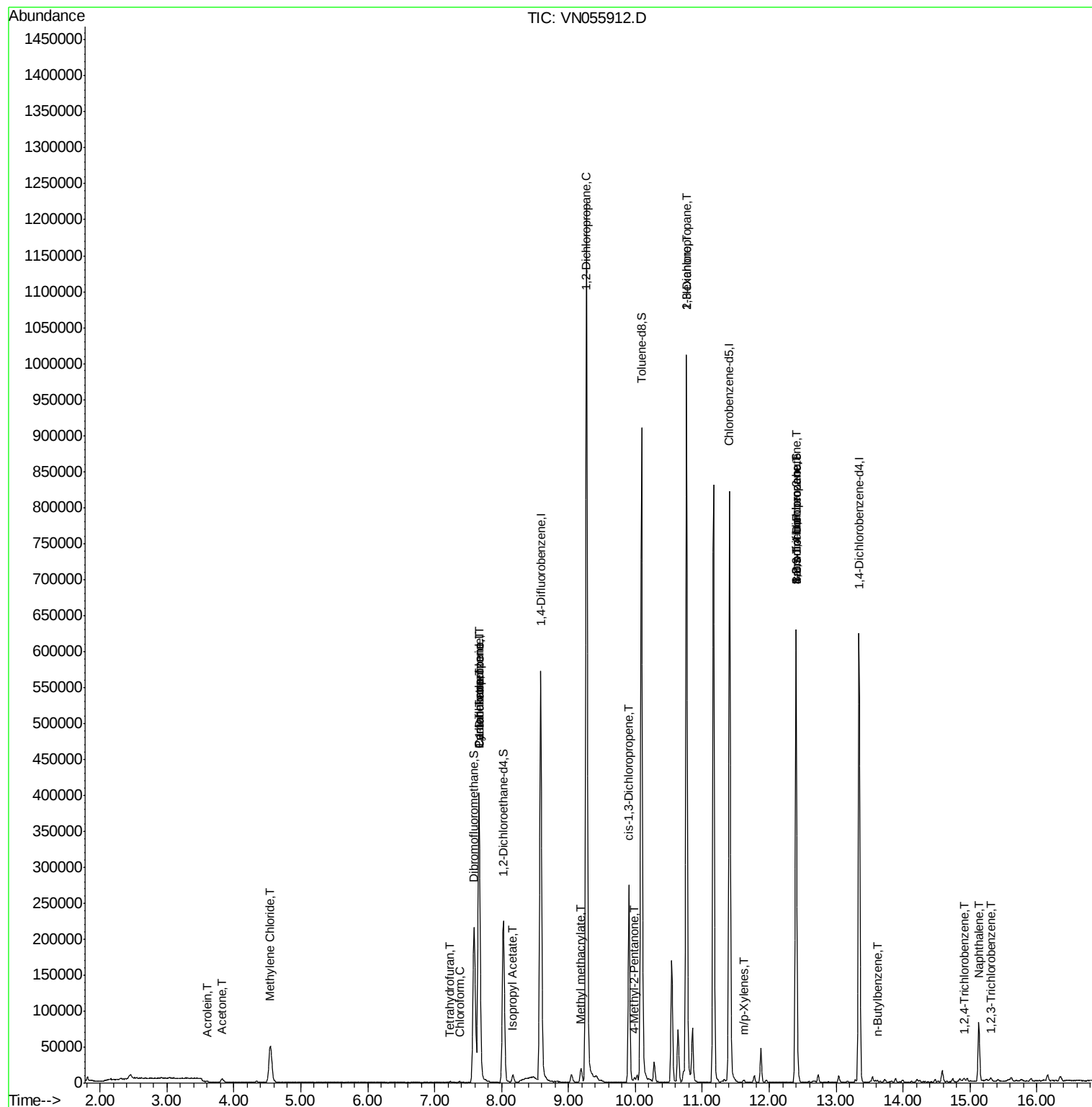
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

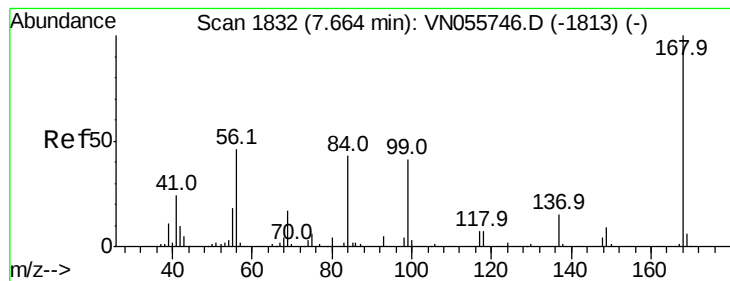
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

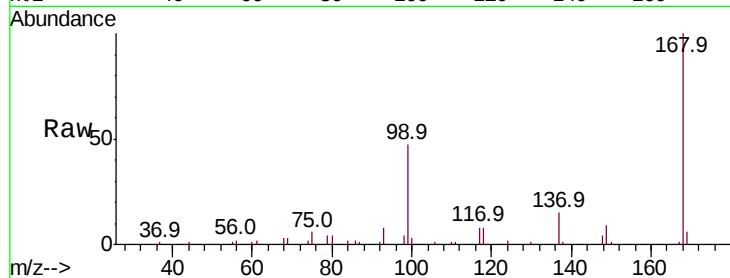
TP-25-D

Tot Ion:168 Resp: 378629

Ion Ratio Lower Upper

168 100

99 46.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055912.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055912.D (-1739) (-)

7.66

150000

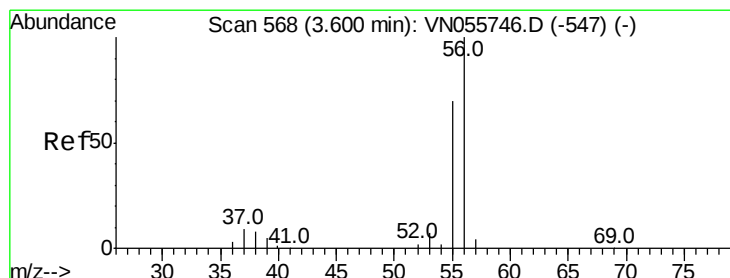
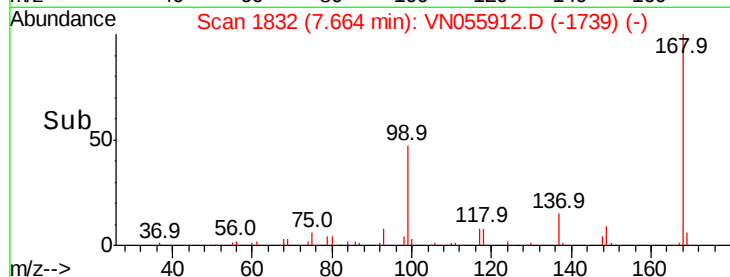
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.245 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN055912.D

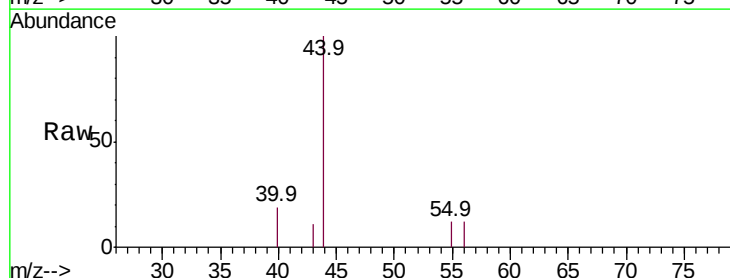
Acq: 31 May 2019 12:12

Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 159.5 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055912.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN055912.D (-475) (-)

3.60

200

150

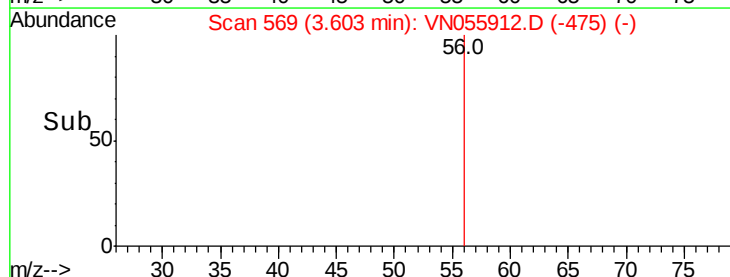
100

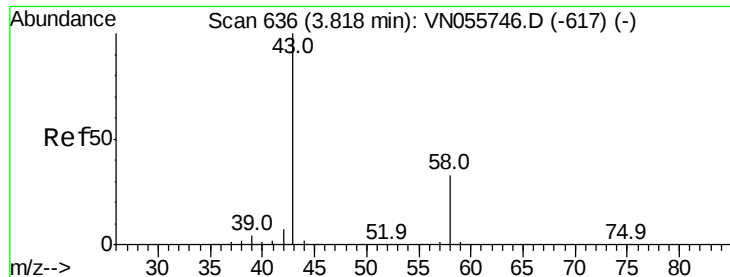
50

0

3.59 3.60 3.61 3.62

Time-->





#16

Acetone

Concen: 5.265 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

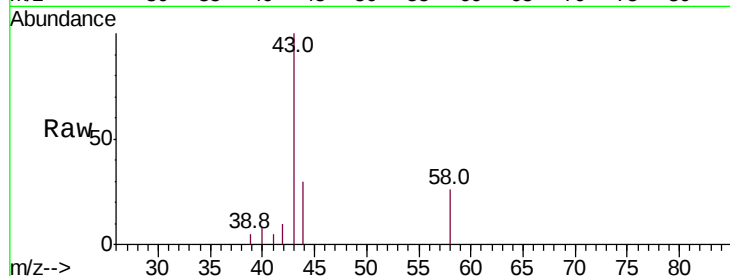
TP-25-D

Tot Ion: 43 Resp: 9049

Ion Ratio Lower Upper

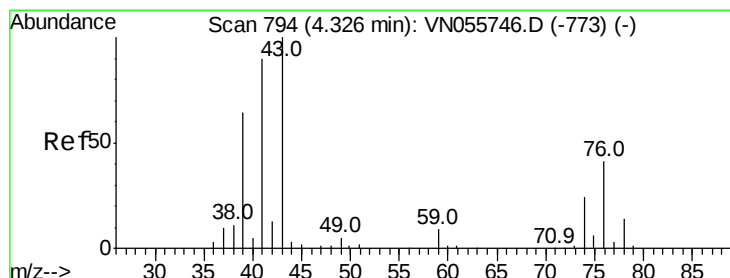
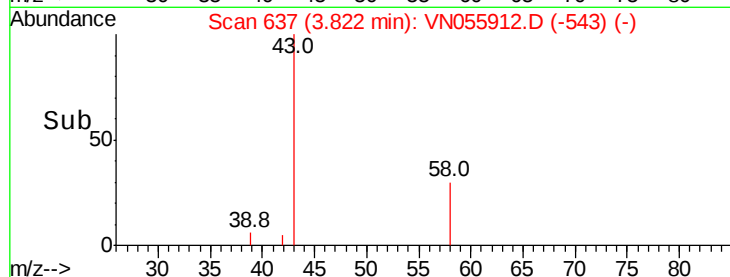
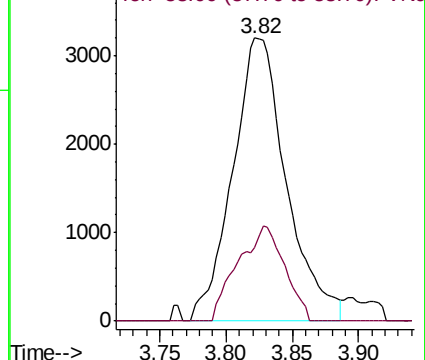
43 100

58 26.1 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055912.D

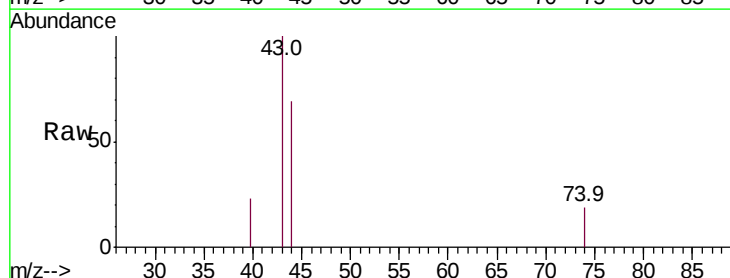
Acq: 31 May 2019 12:12

Tgt Ion: 43 Resp: 3585

Ion Ratio Lower Upper

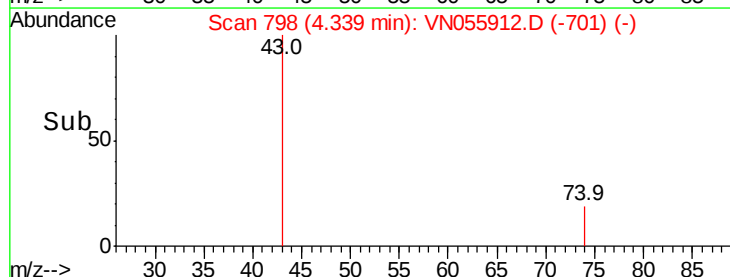
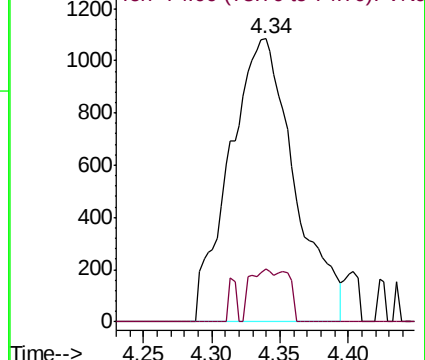
43 100

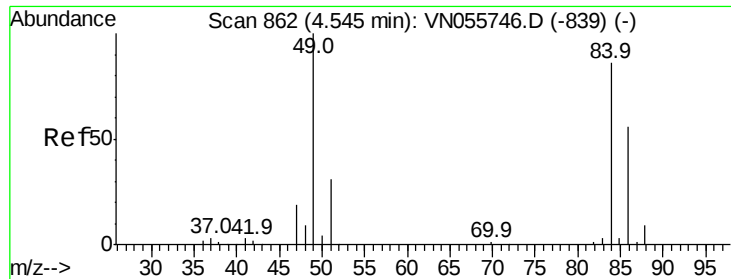
74 6.9 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

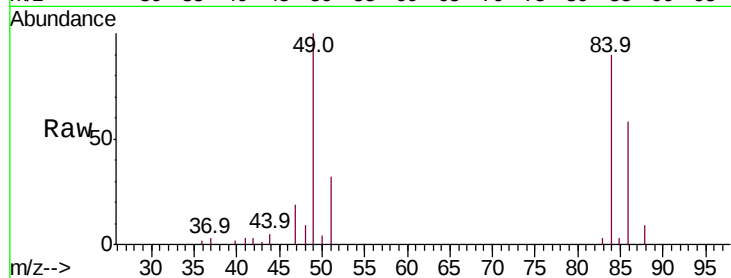




#20
Methvlene Chloride
Concen: 11.555 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
TP-25-D

Tot Ion:	84	Resp:	43013
Ion	Ratio	Lower	Upper
84	100		
49	110.5	93.5	140.3
51	35.2	28.6	43.0
86	63.8	52.6	79.0



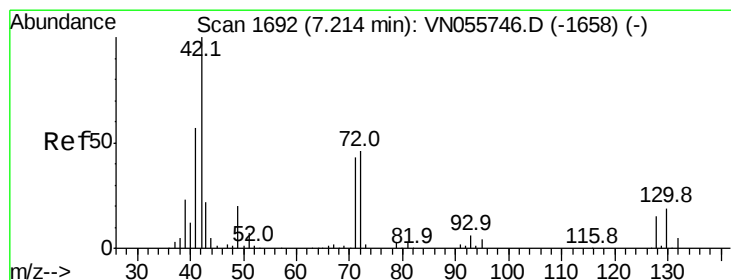
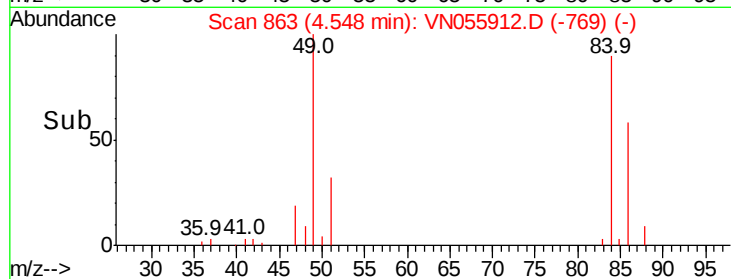
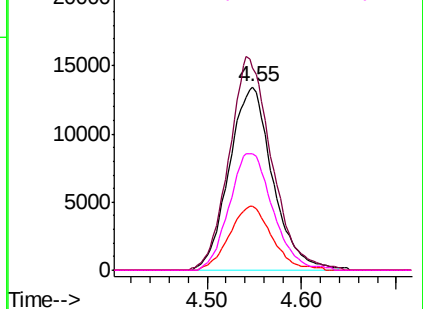
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

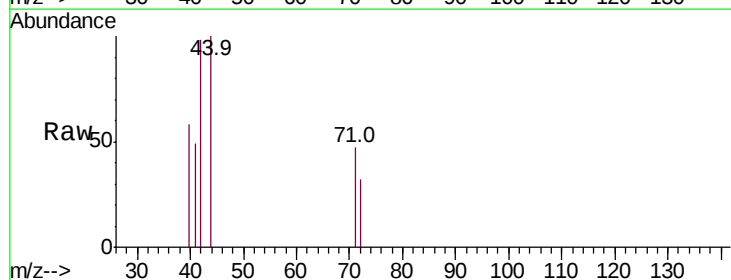
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#29
Tetrahydrofuran
Concen: 0.866 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Tgt Ion:	42	Resp:	1316
Ion	Ratio	Lower	Upper
42	100		
72	11.5	35.9	53.9#
71	28.0	34.0	51.0#

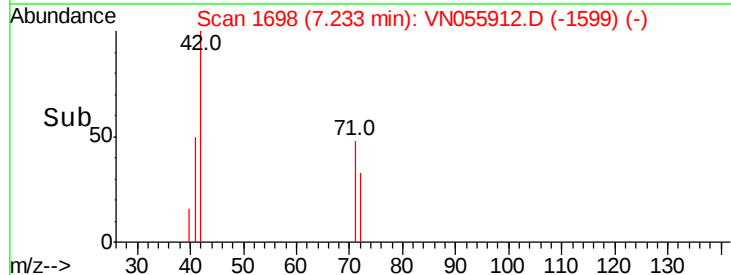
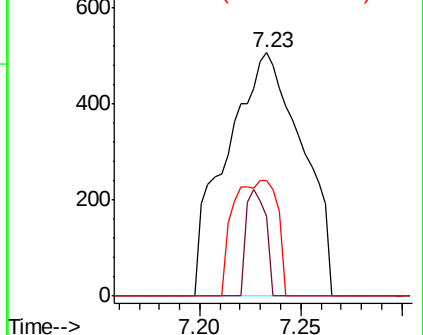


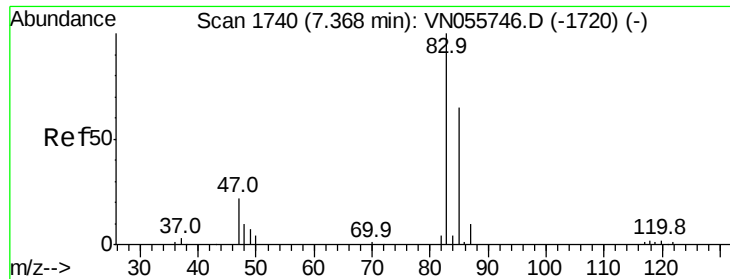
Abundance

Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO





#30

Chloroform

Concen: 0.271 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

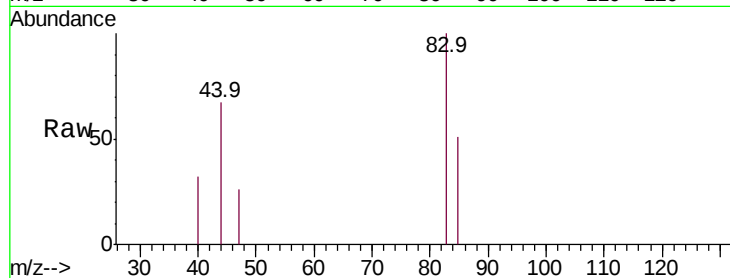
TP-25-D

Tot Ion: 83 Resp: 1689

Ion Ratio Lower Upper

83 100

85 50.6 51.8 77.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.38

800

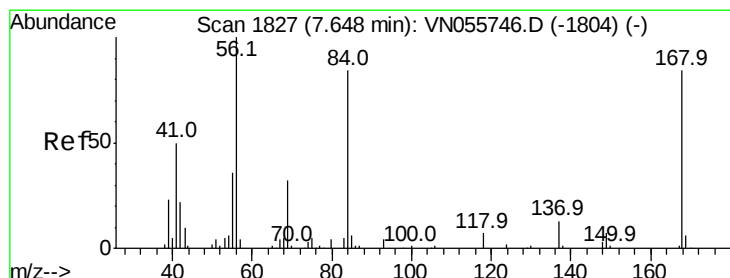
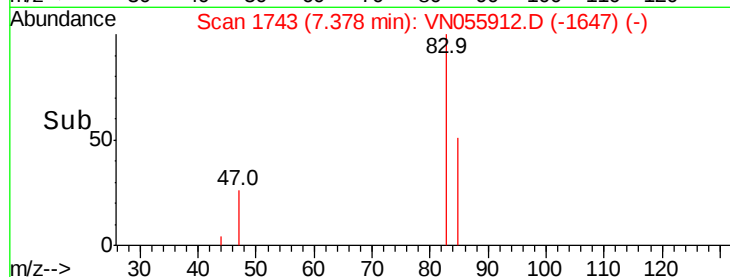
600

400

200

0

Time--> 7.30 7.35 7.40



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

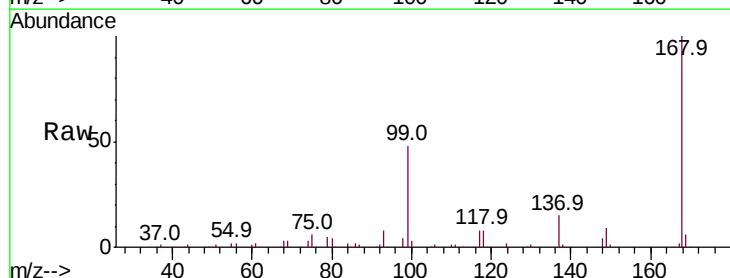
Tgt Ion: 56 Resp: 5833

Ion Ratio Lower Upper

56 100

69 170.0 25.6 38.4#

84 150.4 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

6000

5000

4000

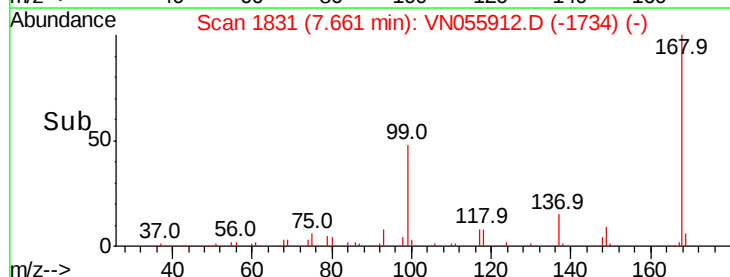
3000

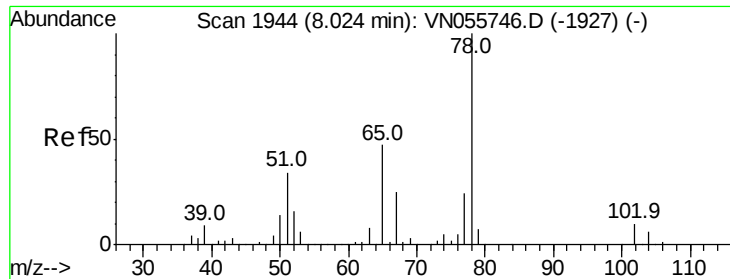
2000

1000

0

Time--> 7.60 7.65 7.70

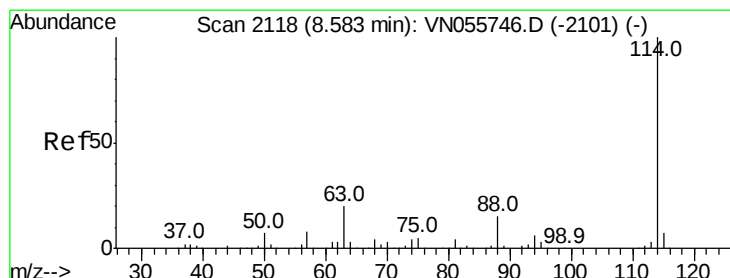
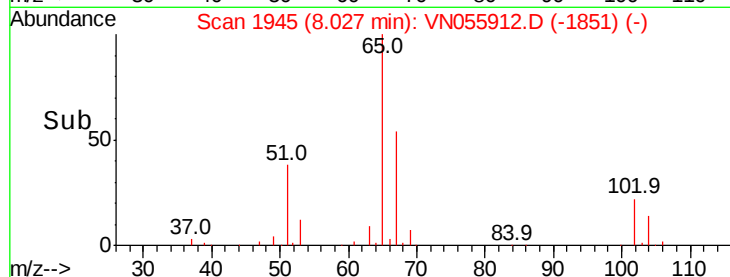
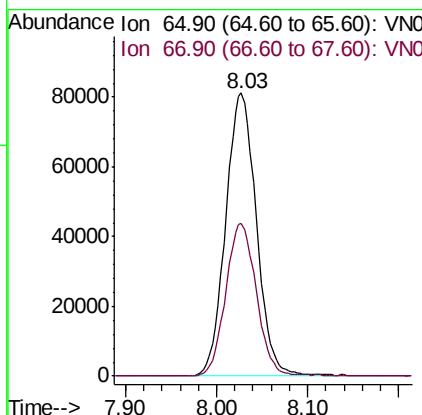
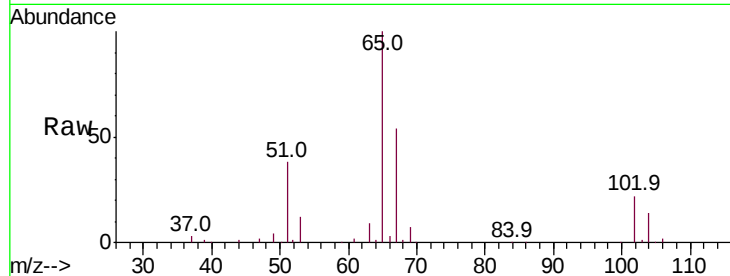




#33
 1,2-Dichloroethane-d4
 Concen: 48.824 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

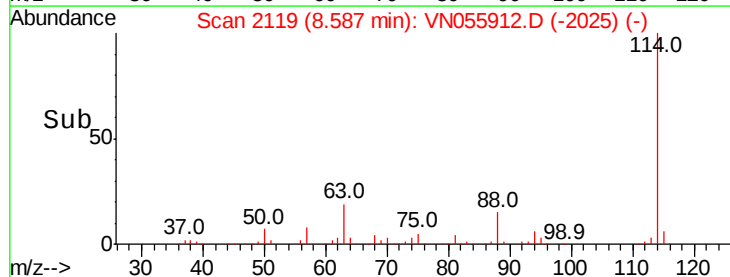
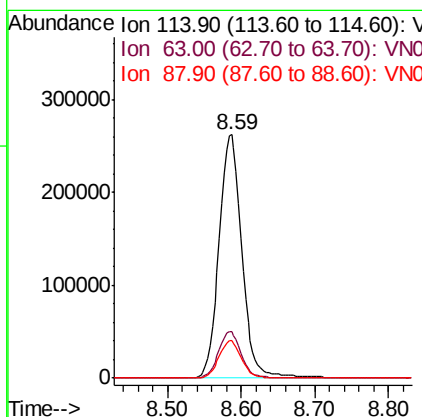
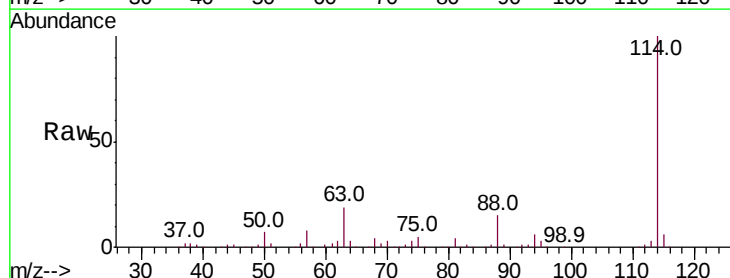
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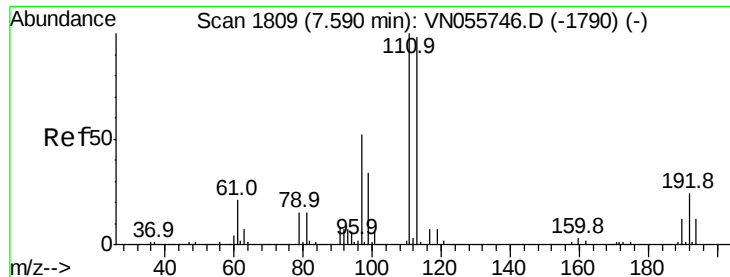
Tot Ion: 65 Resp: 190912
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Tgt Ion: 114 Resp: 566275
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.676 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

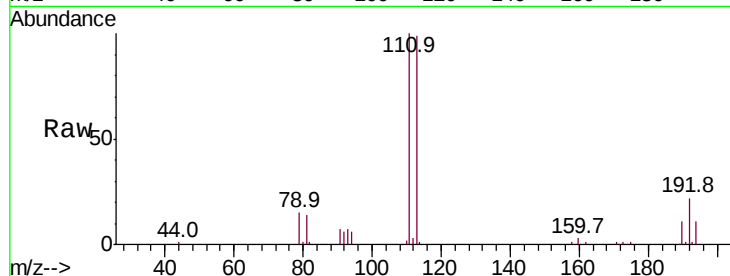
Tot Ion:113 Resp: 167107

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

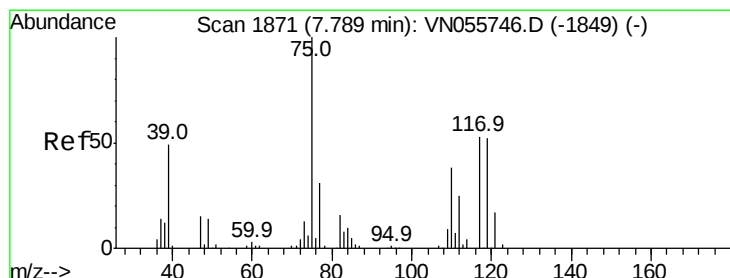
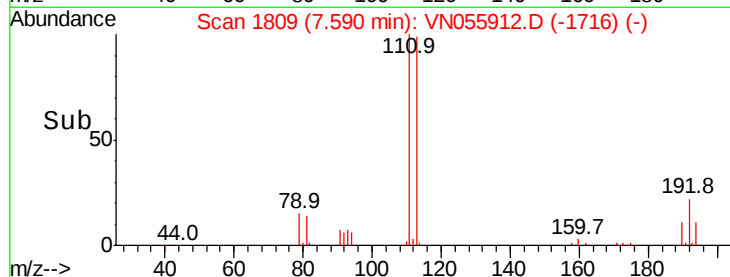
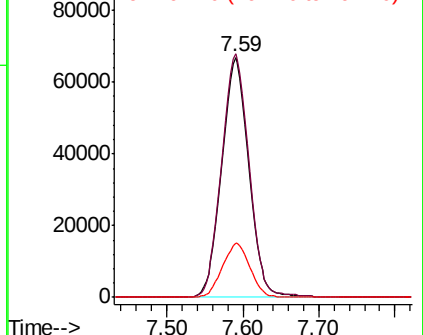
192 22.9 19.5 29.3



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: 4.543 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

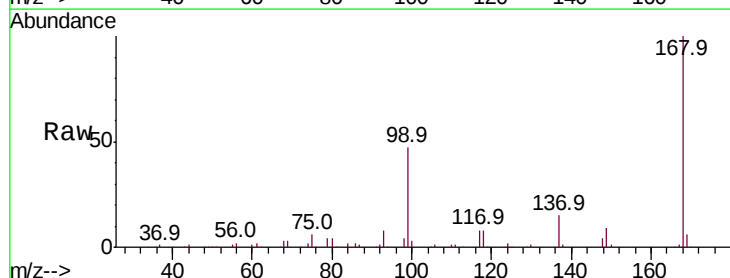
Tgt Ion: 75 Resp: 22419

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

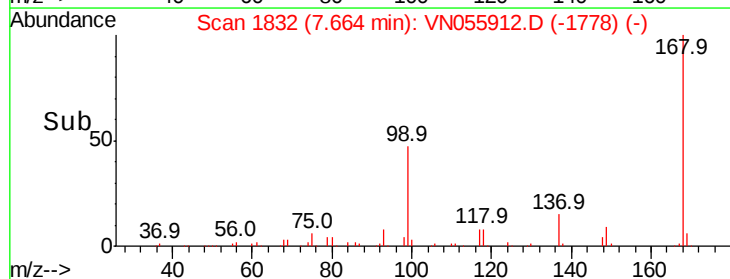
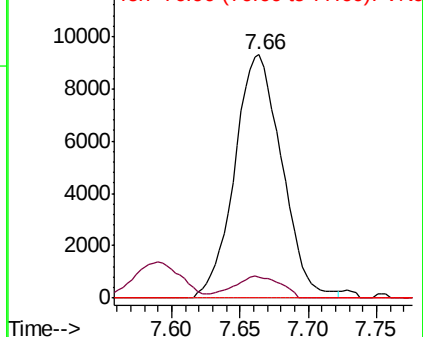
77 0.0 25.1 37.7#

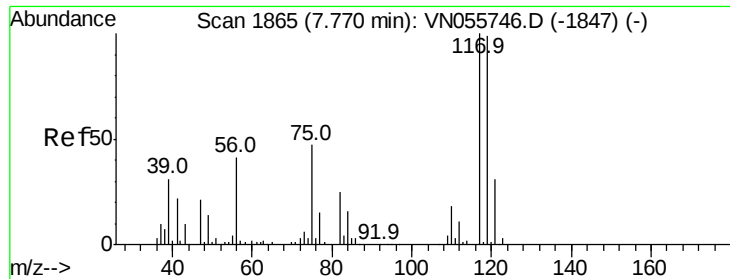


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

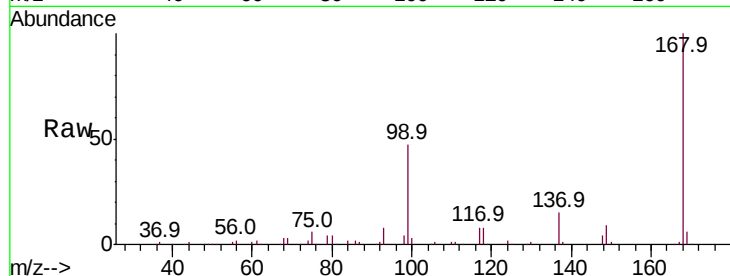
Tot Ion:117 Resp: 30619

Ion Ratio Lower Upper

117 100

119 4.8 79.0 118.6#

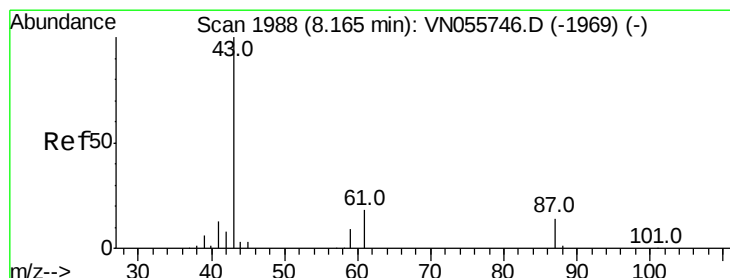
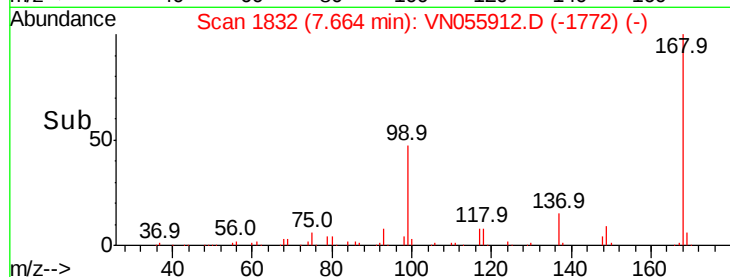
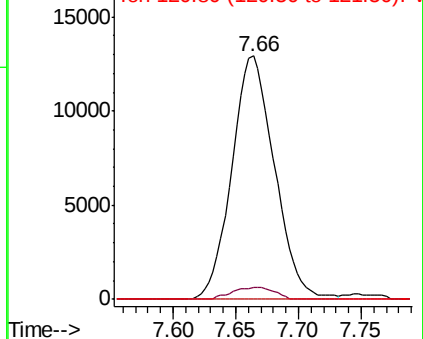
121 0.0 24.7 37.1#



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: 1.687 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

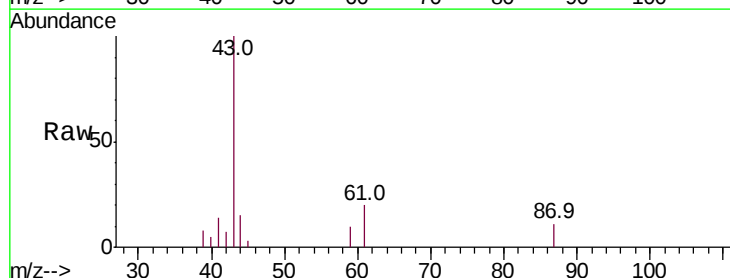
Tgt Ion: 43 Resp: 13516

Ion Ratio Lower Upper

43 100

61 18.6 22.2 33.4#

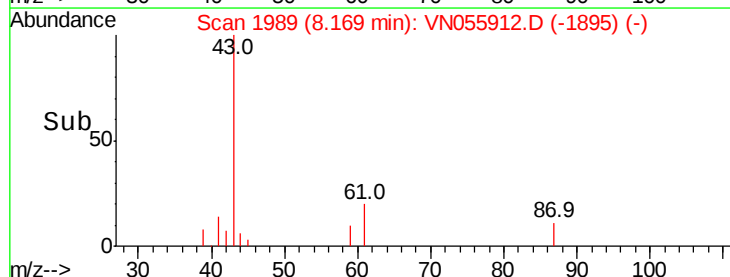
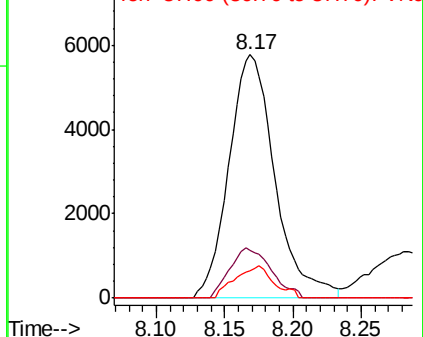
87 11.1 11.4 17.2#

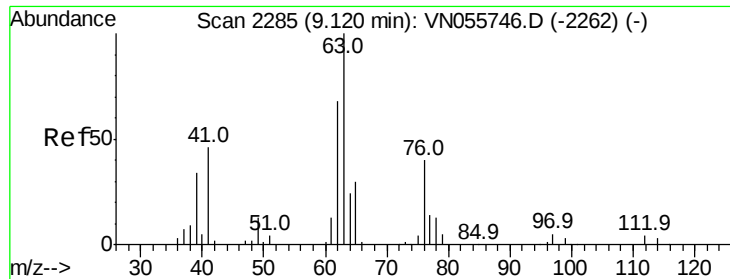


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.397 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

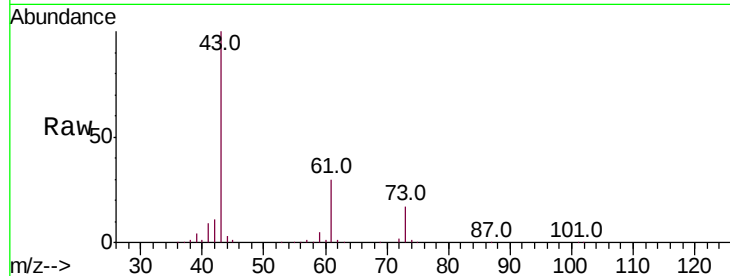
TP-25-D

Tot Ion: 63 Resp: 1539

Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

9.27

800

600

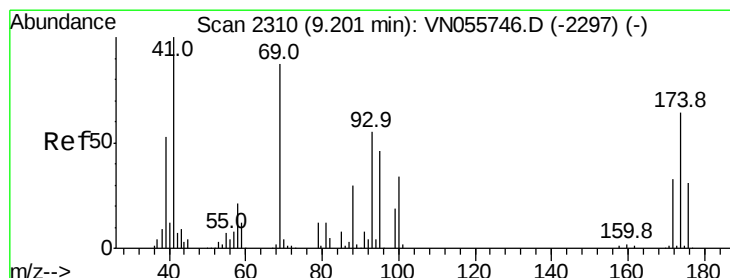
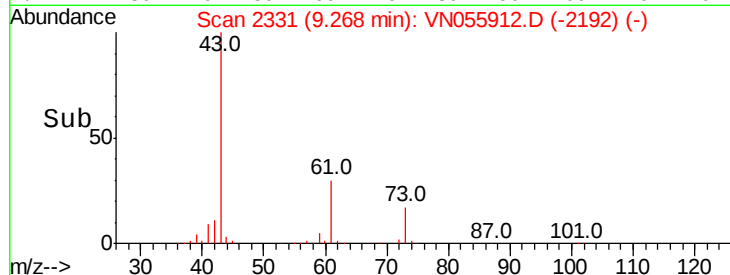
400

200

0

9.25 9.30

Time-->



#48

Methyl methacrylate

Concen: 1.976 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

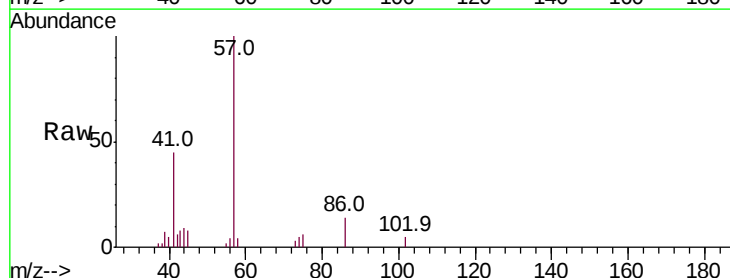
Tgt Ion: 41 Resp: 7297

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): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

80000

60000

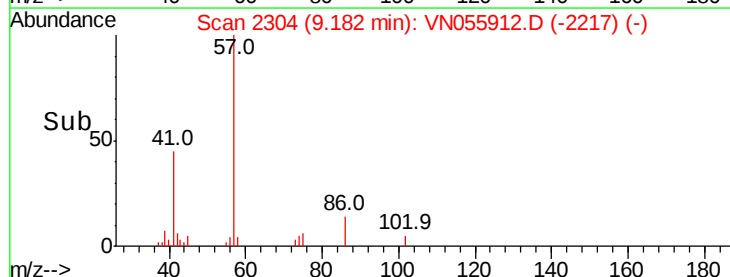
40000

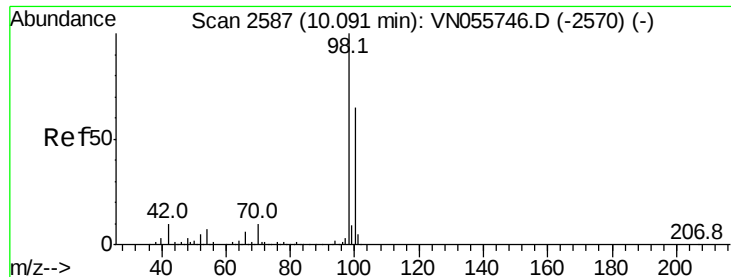
20000

0

9.15 9.20 9.25

Time-->





#50

Toluene-d8

Concen: 49.241 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

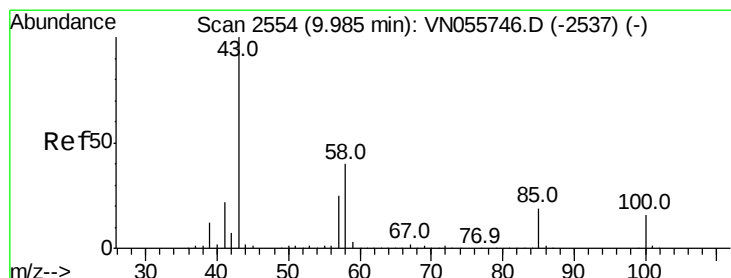
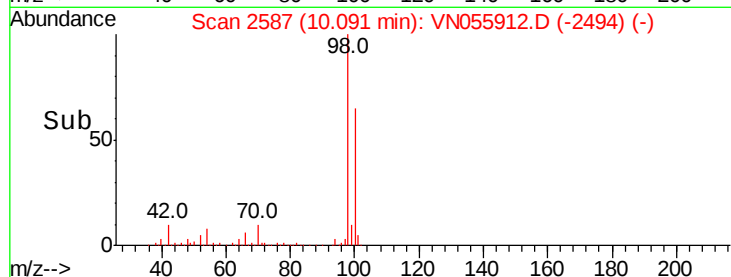
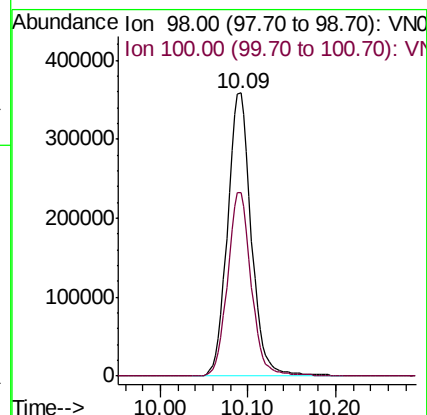
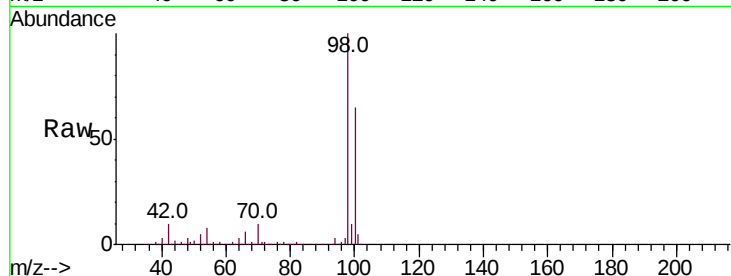
TP-25-D

Tot Ion: 98 Resp: 676233

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.971 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055912.D

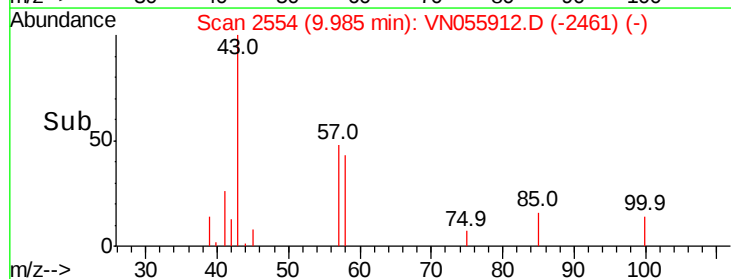
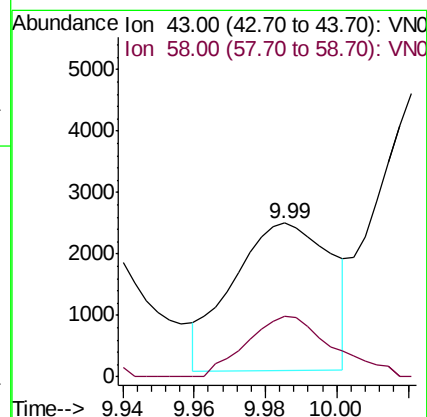
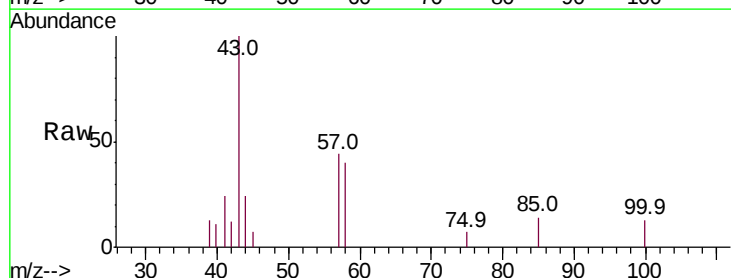
Acq: 31 May 2019 12:12

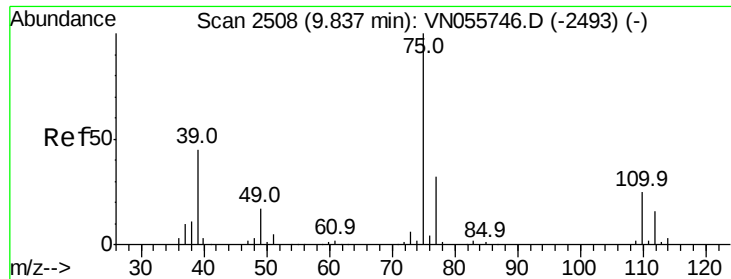
Tgt Ion: 43 Resp: 4597

Ion Ratio Lower Upper

43 100

58 35.9 32.1 48.1



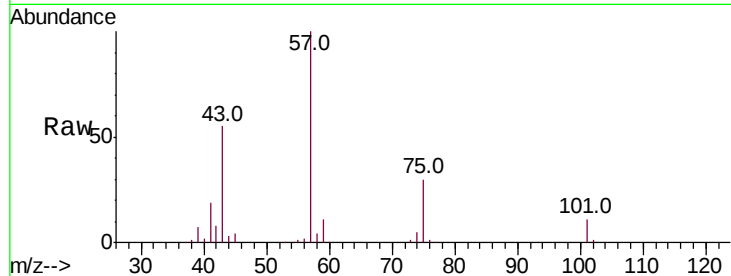


#54

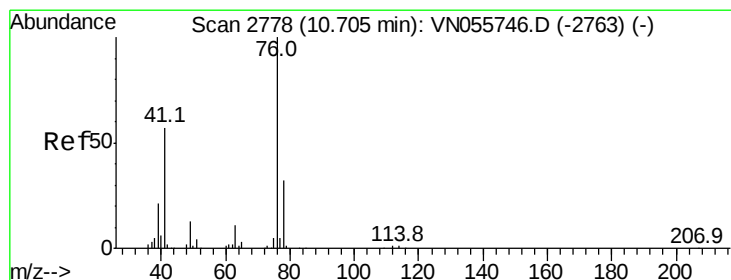
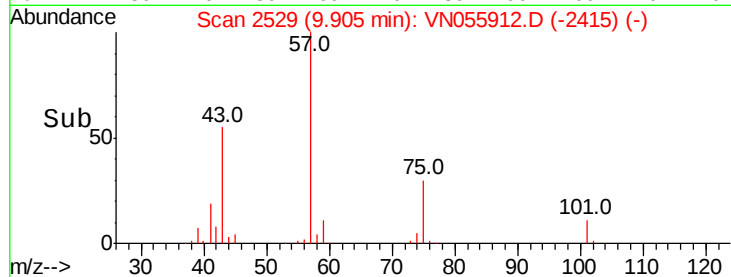
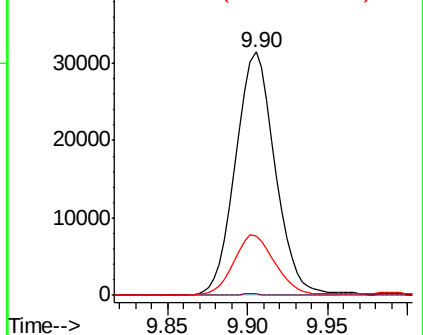
cis-1,3-Dichloropropene
 Concen: 8.592 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 TP-25-D

Tot Ion: 75 Resp: 52946
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 24.6 36.3 54.5#



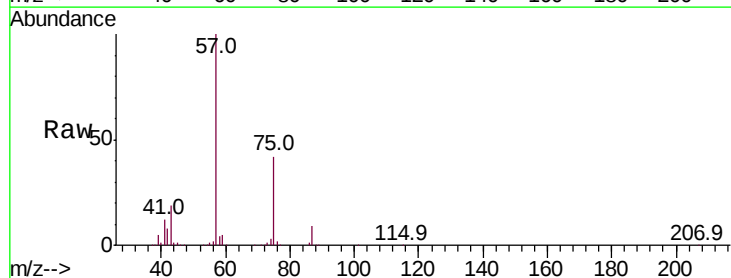
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



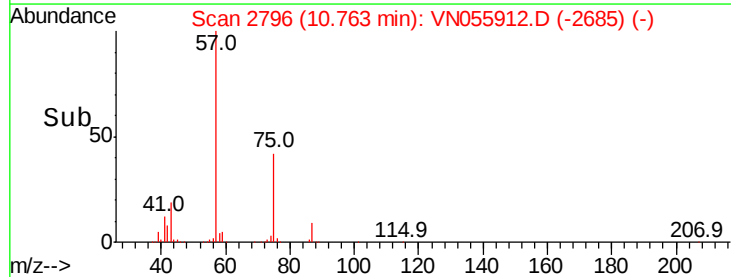
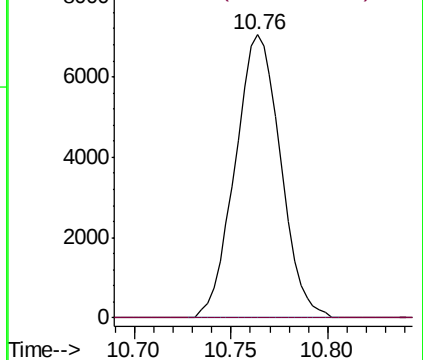
#57

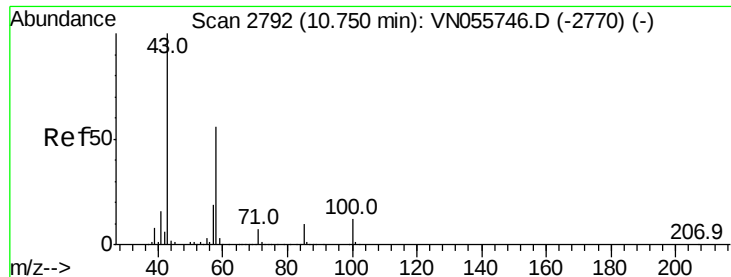
1,3-Dichloropropane
 Concen: 1.889 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Tgt Ion: 76 Resp: 11507
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO

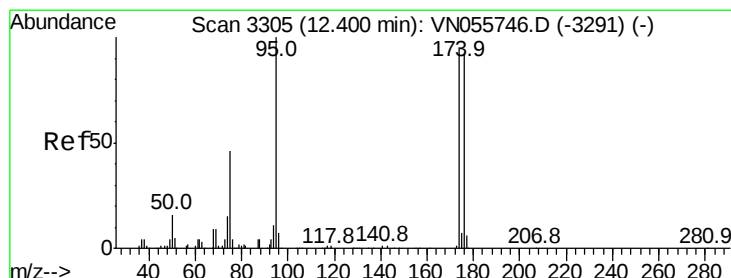
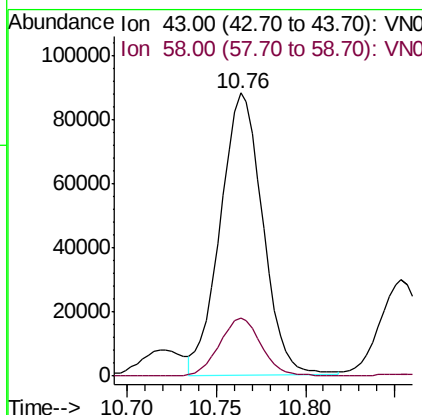
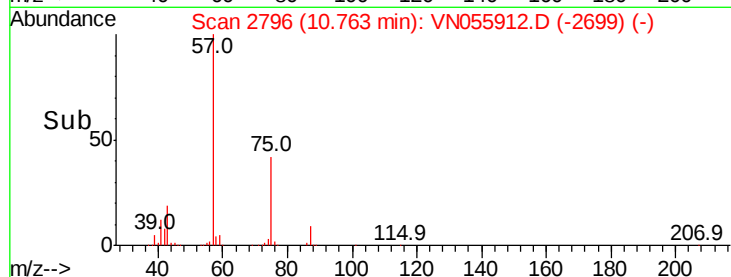
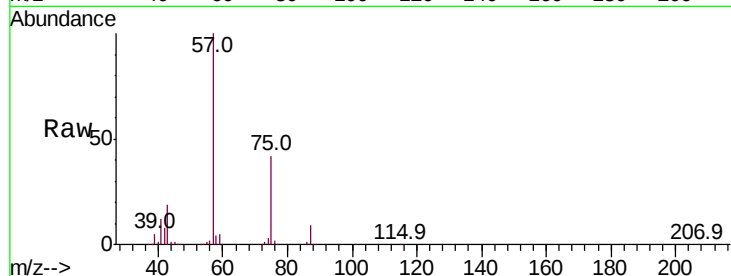




#59
2-Hexanone
Concen: 43.448 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

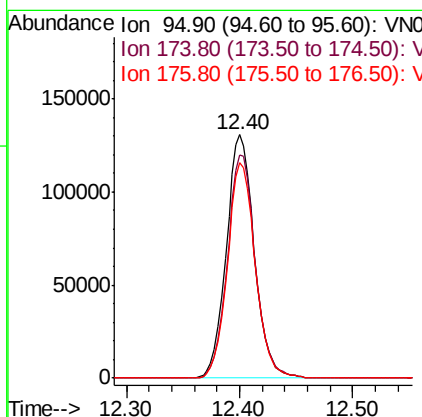
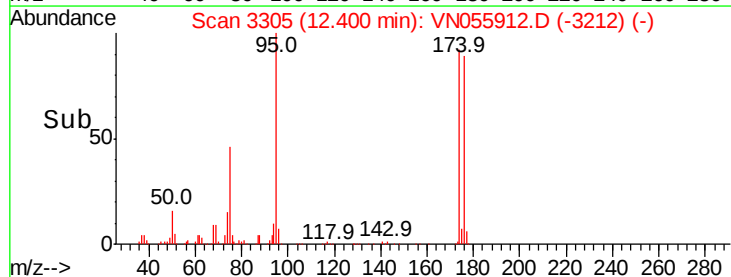
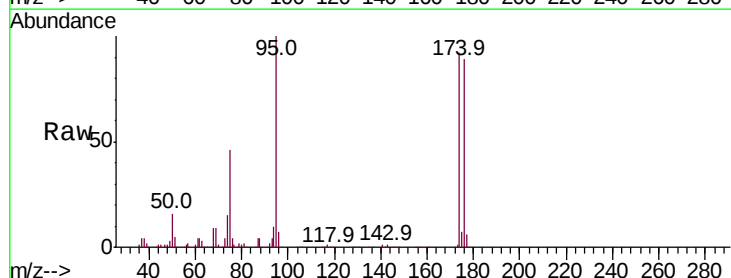
Instrument :
MSVOA_N
ClientSampleId :
TP-25-D

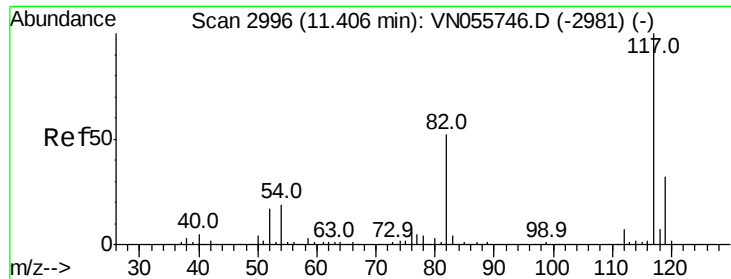
Tot Ion: 43 Resp: 145877
Ion Ratio Lower Upper
43 100
58 20.4 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 47.614 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Tgt Ion: 95 Resp: 224214
Ion Ratio Lower Upper
95 100
174 91.8 0.0 191.0
176 88.3 0.0 185.2

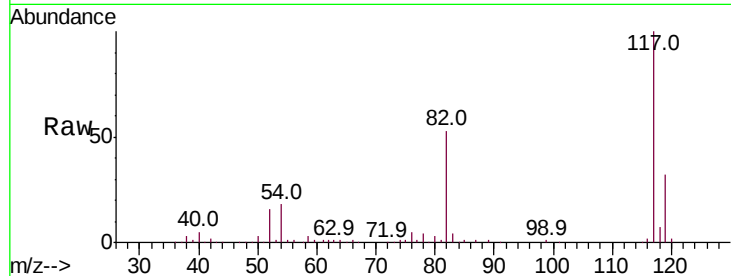




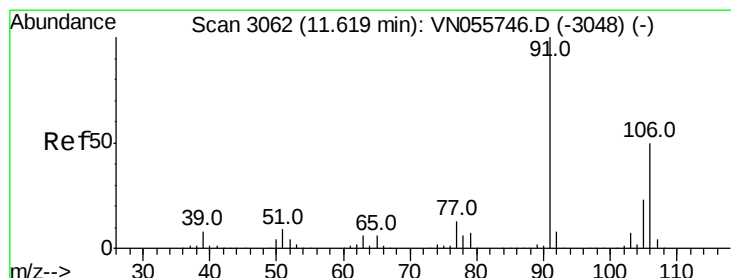
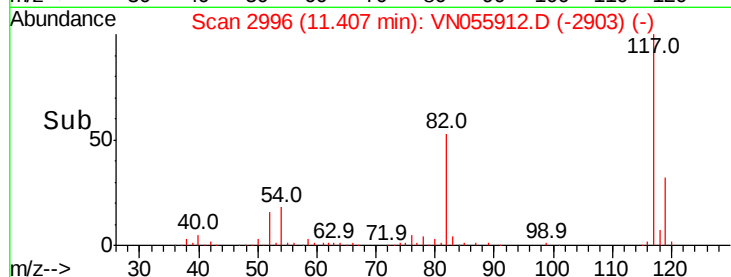
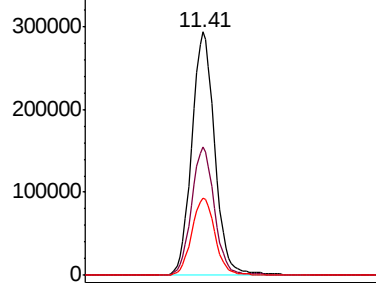
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Instrument :
MSVOA_N
ClientSampled :
TP-25-D

Tot Ion:117 Resp: 522812
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 31.9 25.4 38.0

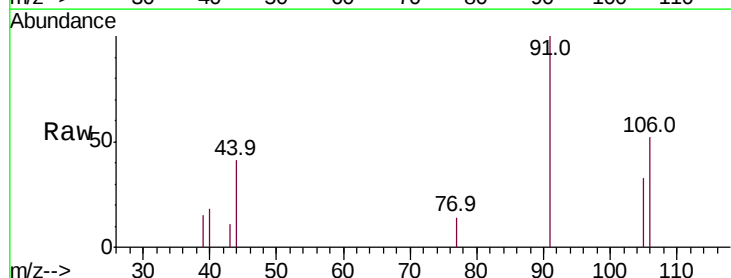


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

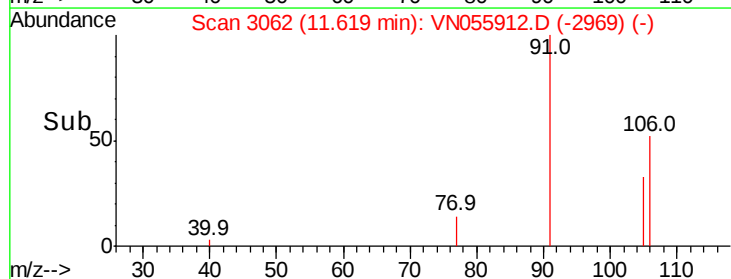
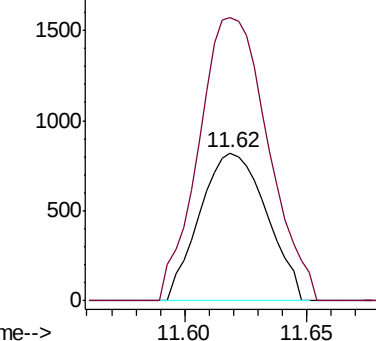


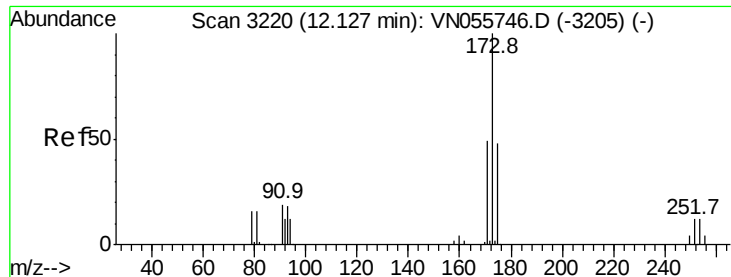
#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Tgt Ion:106 Resp: 1561
Ion Ratio Lower Upper
106 100
91 198.8 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.414 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

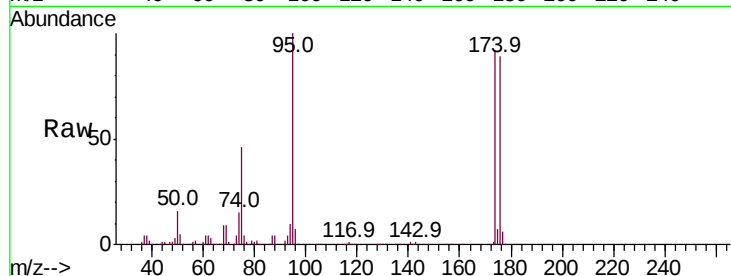
Tot Ion:173 Resp: 1474

Ion Ratio Lower Upper

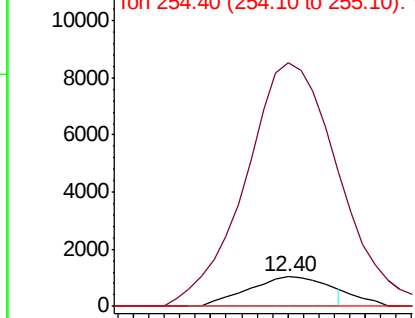
173 100

175 852.4 24.3 72.8#

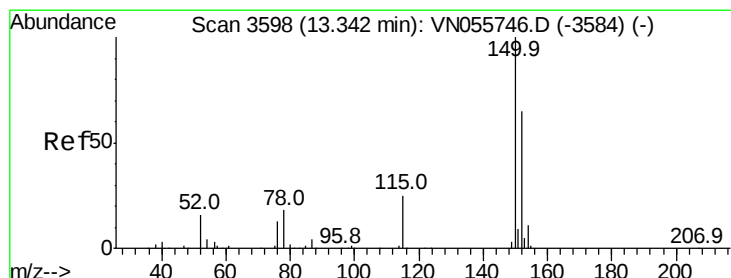
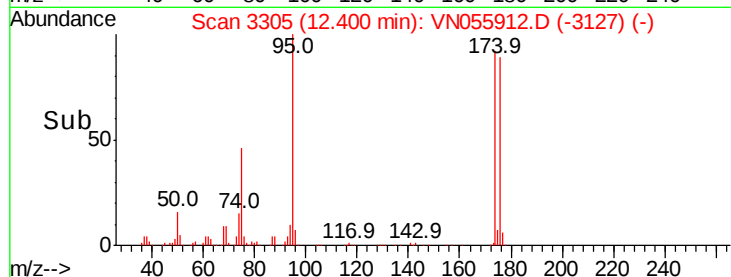
254 0.0 0.0 0.0



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--> 12.36 12.38 12.40 12.42



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

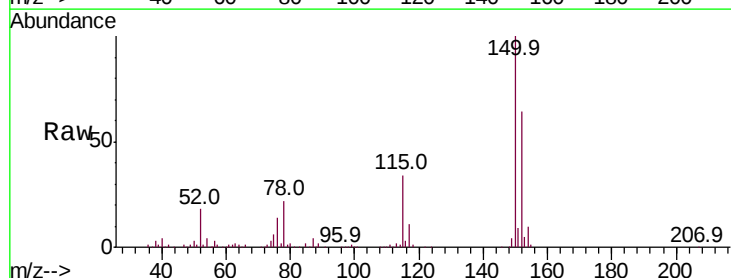
Tgt Ion:152 Resp: 187960

Ion Ratio Lower Upper

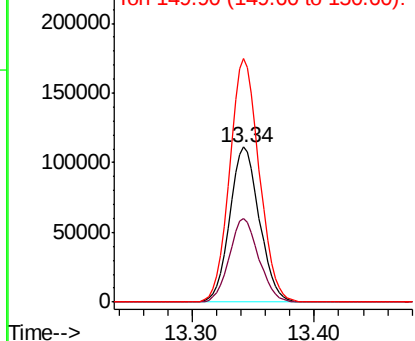
152 100

115 53.5 27.0 81.0

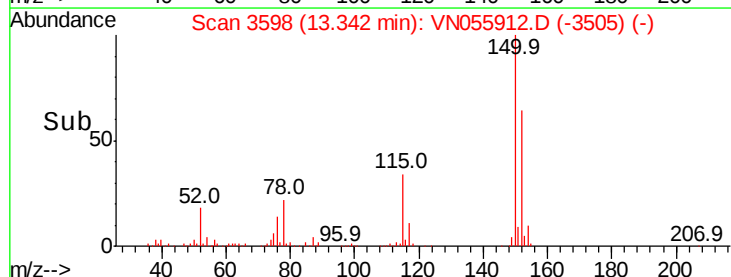
150 156.6 0.0 343.2

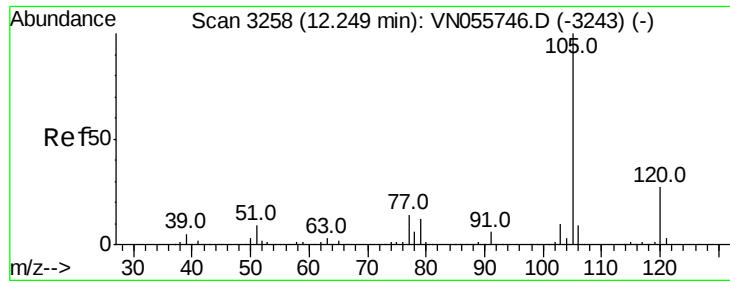


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time--> 13.30 13.40





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

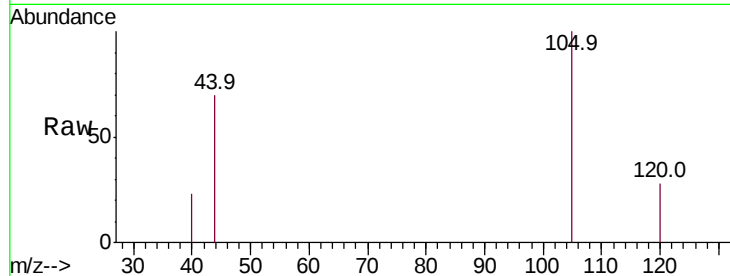
TP-25-D

Tot Ion:105 Resp: 1142

Ion Ratio Lower Upper

105 100

120 13.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800

600

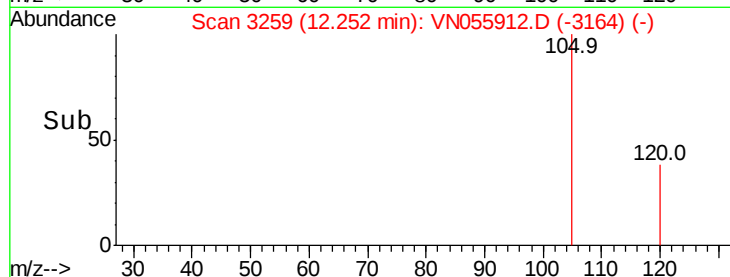
400

200

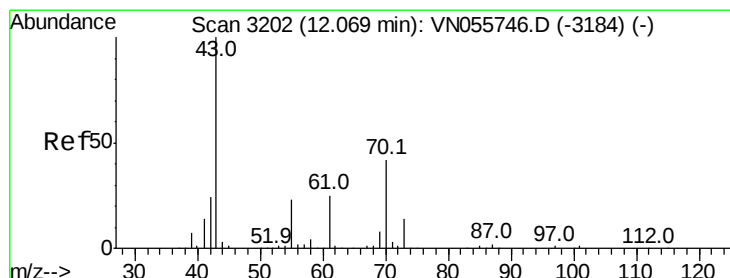
0

12.25

12.20



Time--> 12.20



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Tgt Ion: 43 Resp: 802

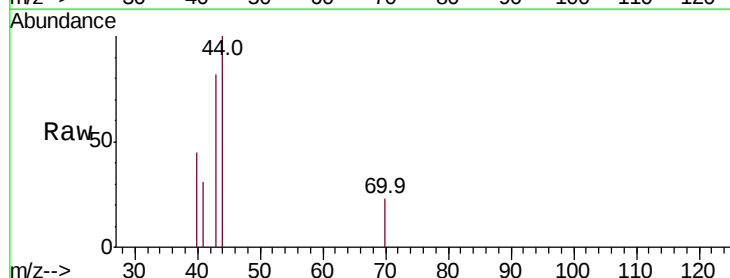
Ion Ratio Lower Upper

43 100

70 7.7 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

800

600

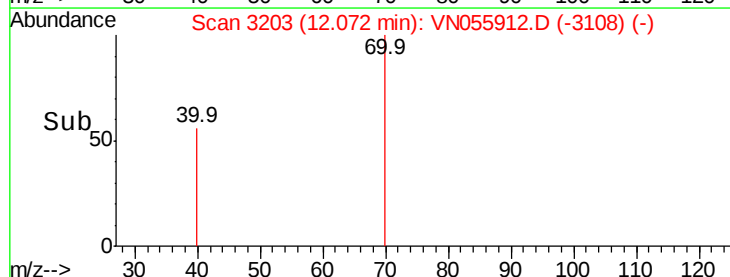
400

200

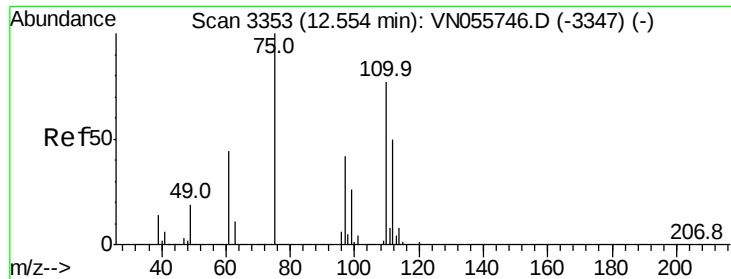
0

12.07

12.00



Time--> 12.00



#76

1,2,3-Trichloropropane

Concen: 31.039 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

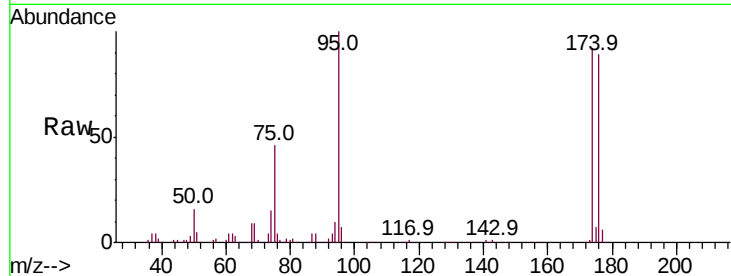
TP-25-D

Tot Ion: 75 Resp: 104323

Ion Ratio Lower Upper

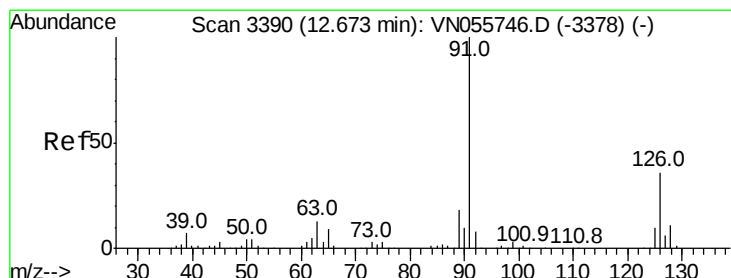
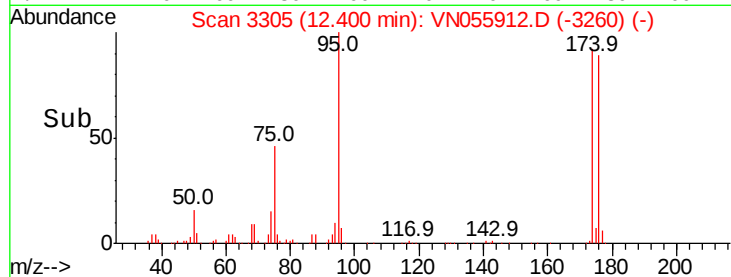
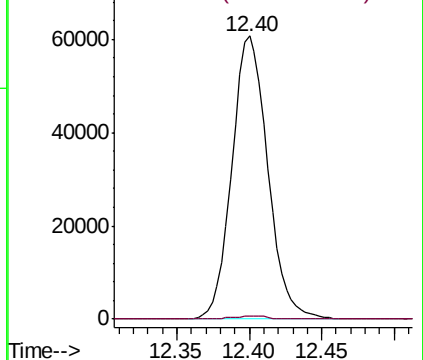
75 100

77 1.0 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: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN055912.D

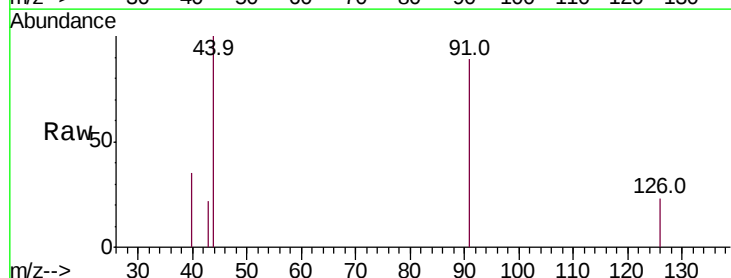
Acq: 31 May 2019 12:12

Tgt Ion: 91 Resp: 1143

Ion Ratio Lower Upper

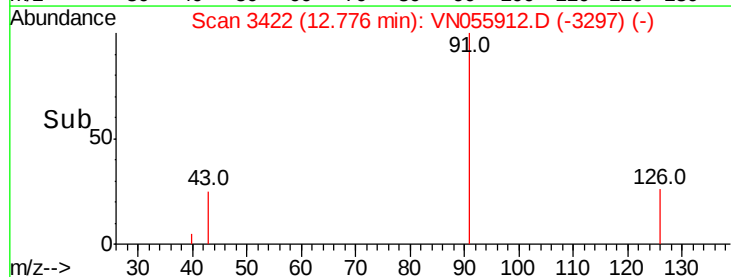
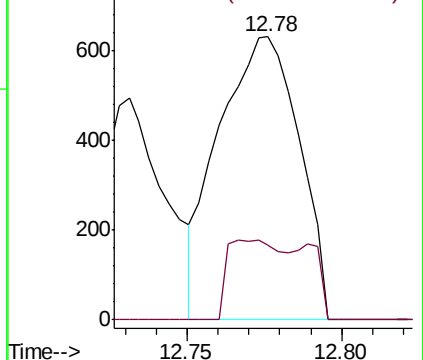
91 100

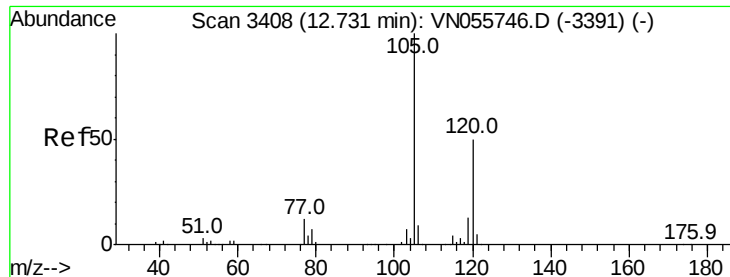
126 19.7 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

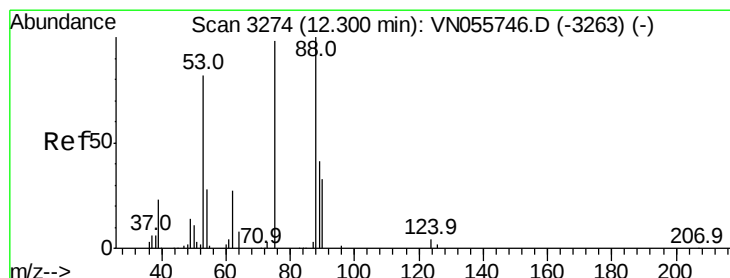
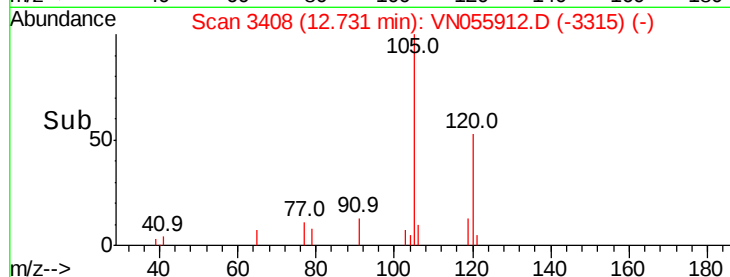
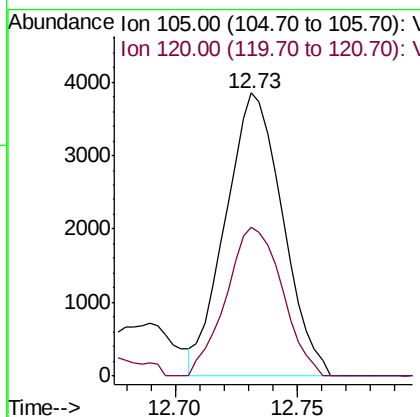
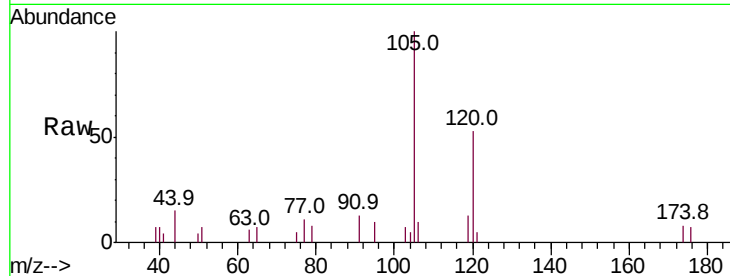




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

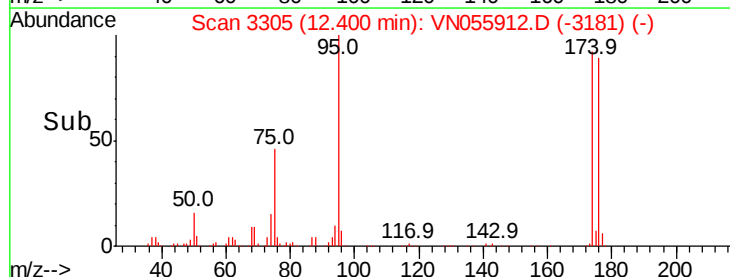
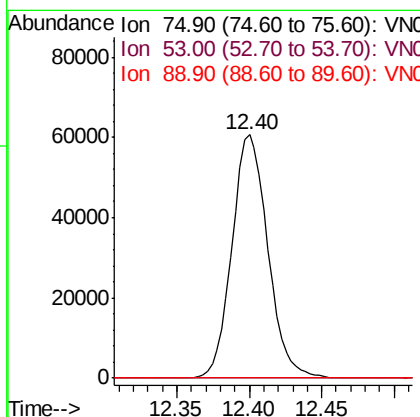
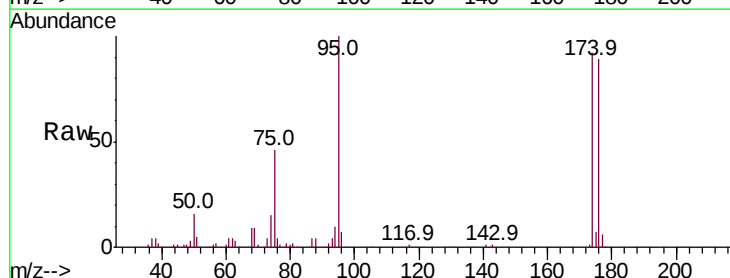
Instrument :
 MSVOA_N
 ClientSampled :
 TP-25-D

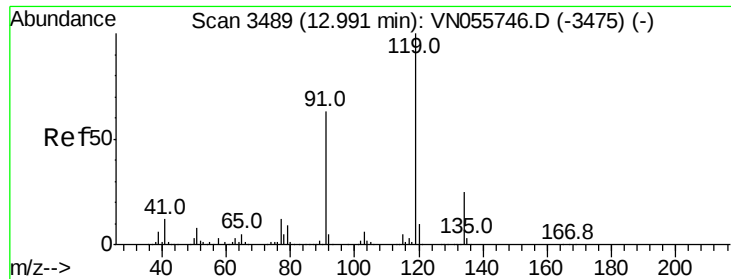
Tot Ion:105 Resp: 6255
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.678 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Tgt Ion: 75 Resp: 104323
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#

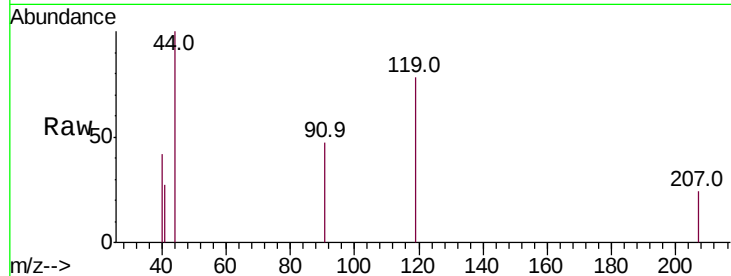




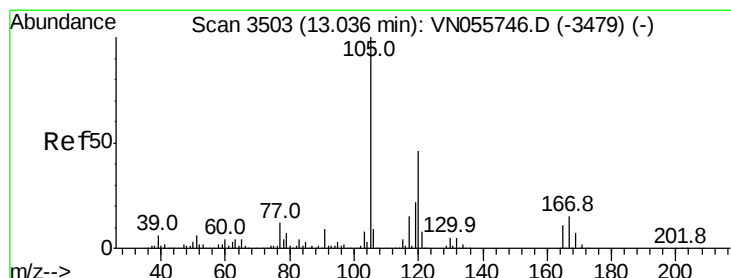
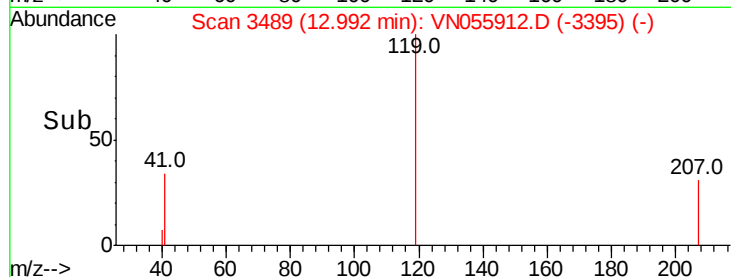
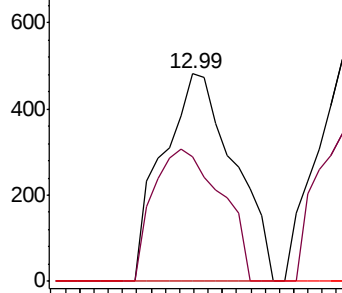
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Instrument :
MSVOA_N
ClientSampled :
TP-25-D

Tot Ion:119 Resp: 667
Ion Ratio Lower Upper
119 100
91 60.9 30.9 92.8
134 0.0 13.3 39.8#

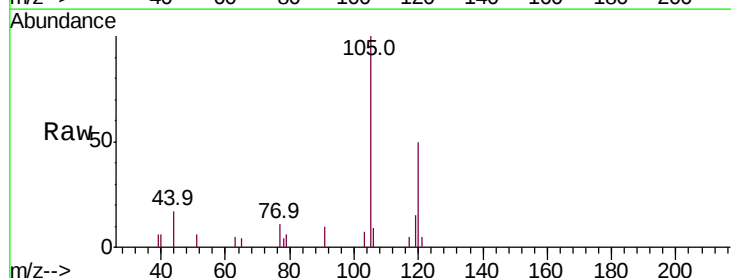


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

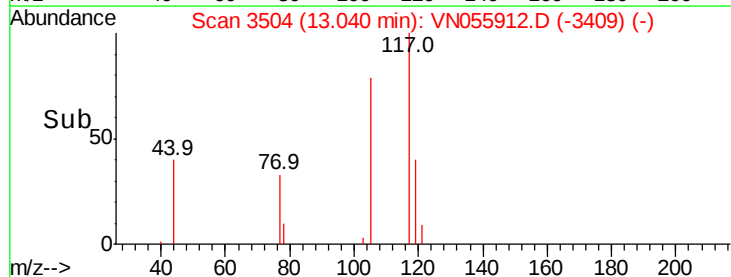
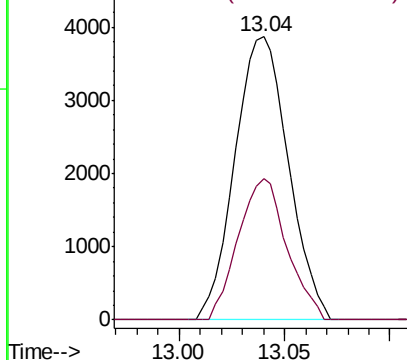


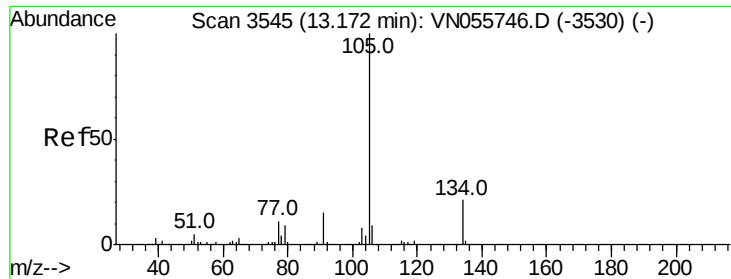
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055912.D
Acq: 31 May 2019 12:12

Tgt Ion:105 Resp: 6828
Ion Ratio Lower Upper
105 100
120 45.2 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# 3545

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

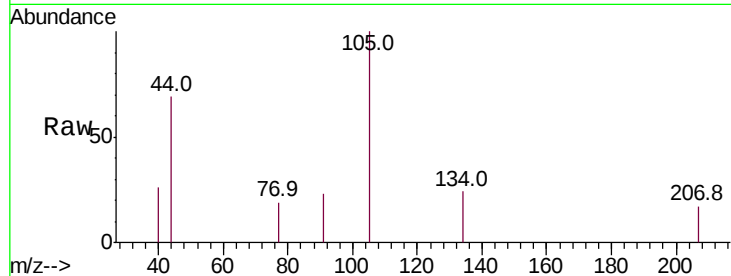
TP-25-D

Tot Ion:105 Resp: 1733

Ion Ratio Lower Upper

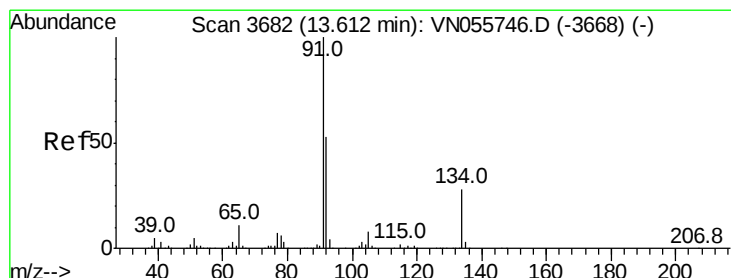
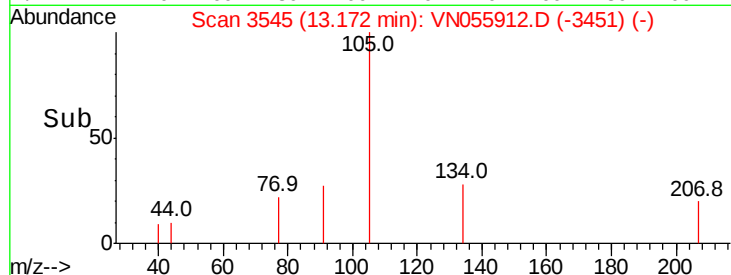
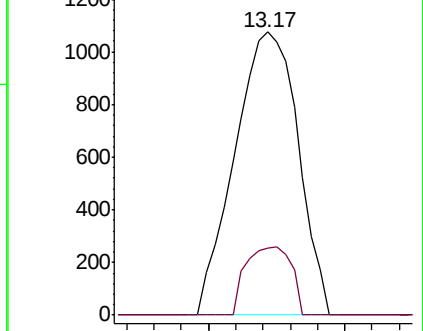
105 100

134 17.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.255 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

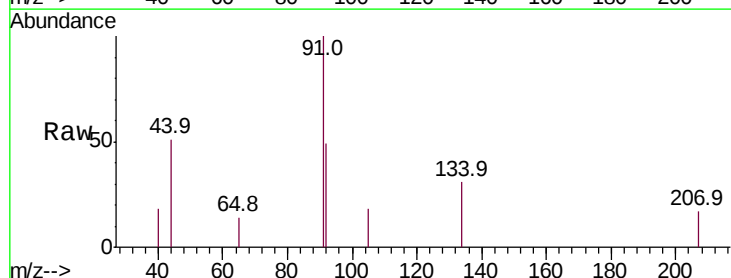
Tgt Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

92 41.6 26.4 79.0

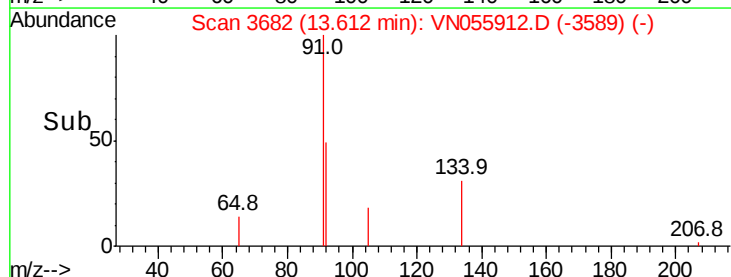
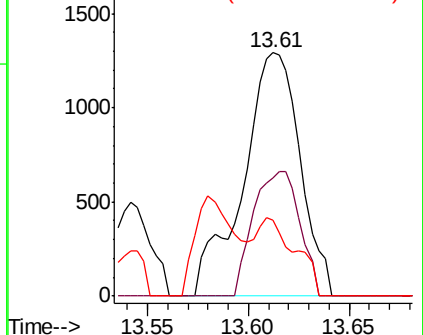
134 22.5 13.9 41.7

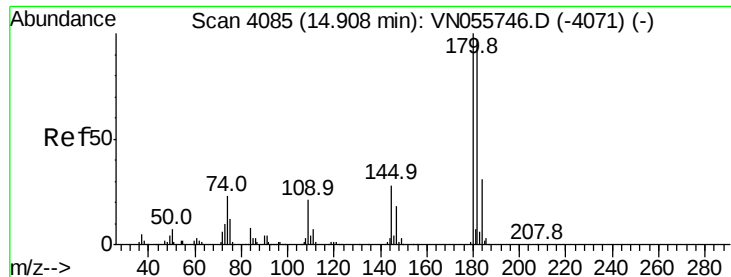


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

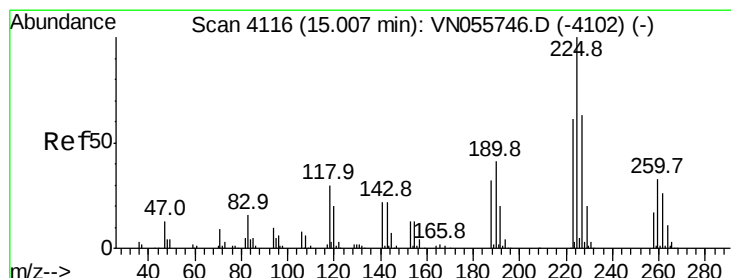
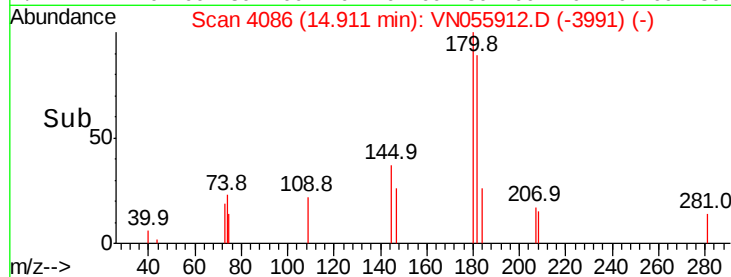
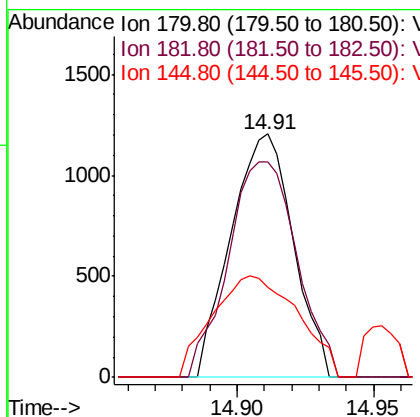
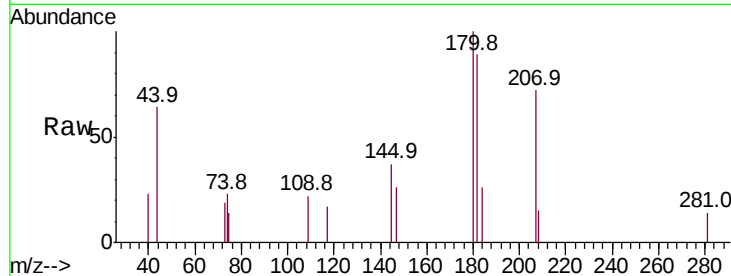




#93
 1,2,4-Trichlorobenzene
 Concen: 4.121 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

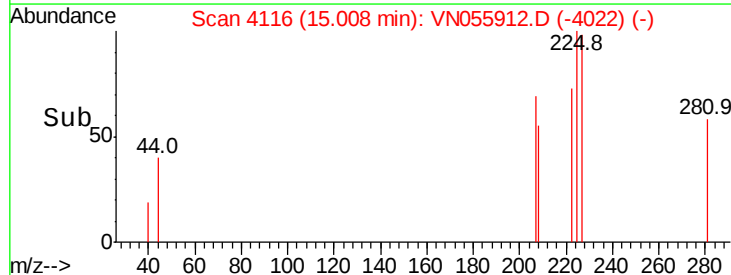
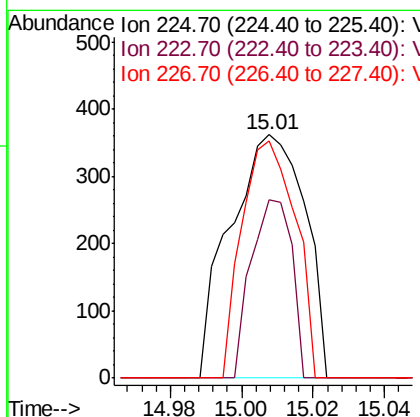
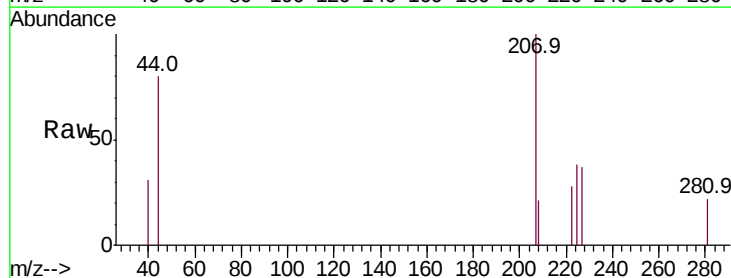
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-D

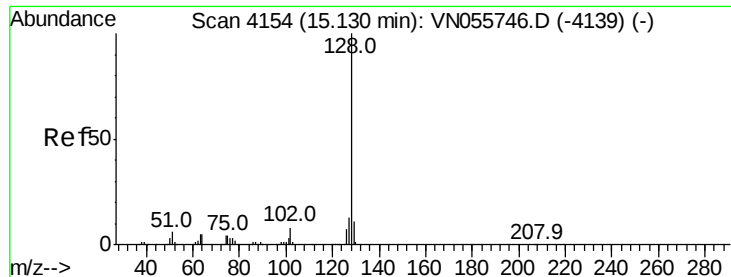
Tot Ion:180 Resp: 1904
 Ion Ratio Lower Upper
 180 100
 182 98.1 48.3 144.9
 145 57.5 14.0 41.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Tgt Ion:225 Resp: 524
 Ion Ratio Lower Upper
 225 100
 223 39.9 30.9 92.7
 227 69.7 31.6 94.7





#95

Naphthalene

Concen: 8.791 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

TP-25-D

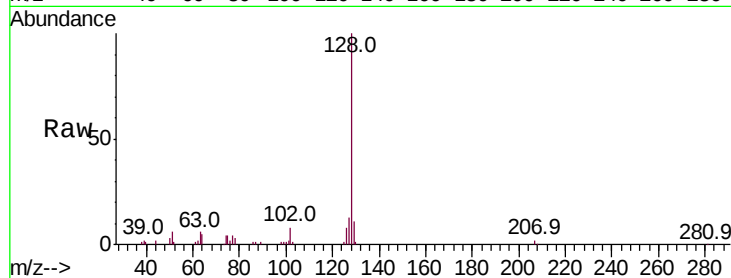
Tot Ion:128 Resp: 76436

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

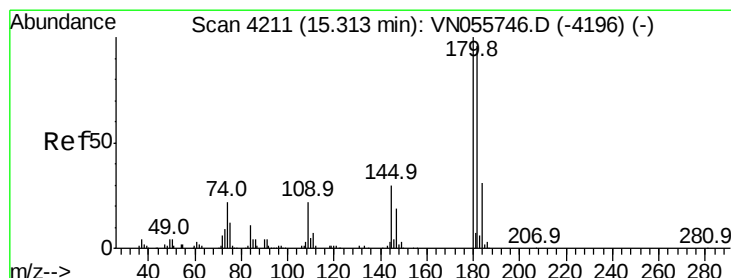
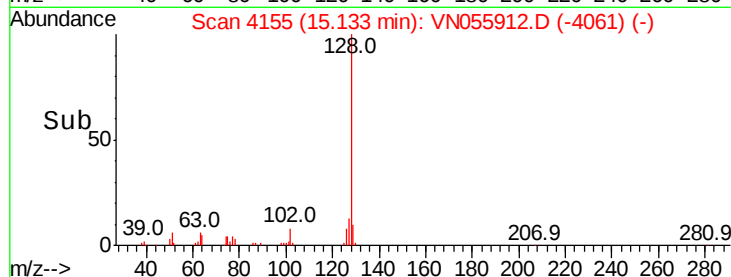
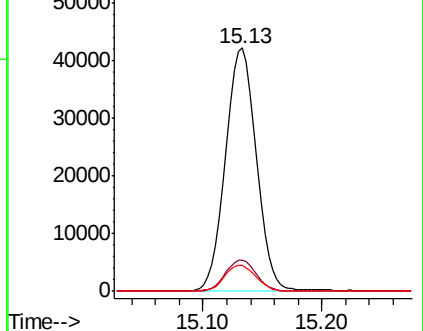
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.730 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

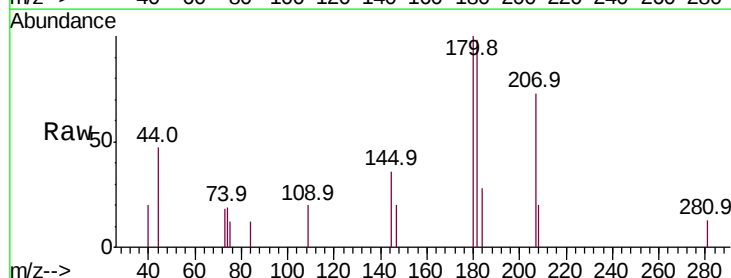
Tgt Ion:180 Resp: 2445

Ion Ratio Lower Upper

180 100

182 97.8 47.9 143.7

145 52.0 14.9 44.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

