

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055241.D
 Acq On : 25 Apr 2019 13:02
 Operator : JC/SP
 Sample : K2544-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

Quant Time: Apr 26 02:17:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	685658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	631103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	274453	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	218478	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	10.09	98	851411	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	266100	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

					Qvalue	
13) Acrolein	3.69	56	31	9.571	ug/l #	14
16) Acetone	3.82	43	13786	7.642	ug/l #	88
17) Carbon Disulfide	4.05	76	5678	0.490	ug/l	97
18) Methyl Acetate	4.33	43	14825	2.759	ug/l #	58
20) Methylene Chloride	4.55	84	144287	27.821	ug/l	98
25) 2-Butanone	6.84	43	1322	0.568	ug/l #	53
29) Tetrahydrofuran	7.21	42	463	0.323	ug/l #	72
30) Chloroform	7.37	83	7633	0.913	ug/l	87
31) Cyclohexane	7.67	56	8861	Below Cal	#	14
36) 1,1-Dichloropropene	7.67	75	30395	4.776	ug/l #	50
38) Carbon Tetrachloride	7.66	117	38183	6.407	ug/l #	16
43) Isopropyl Acetate	8.18	43	17777	2.137	ug/l #	69
47) Bromodichloromethane	9.40	83	1873	0.295	ug/l #	87
48) Methyl methacrylate	9.18	41	8246	2.044	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	6989	1.460	ug/l	98
52) Toluene	10.16	92	2544	0.221	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	45582	6.298	ug/l #	68
57) 1,3-Dichloropropane	10.76	76	7115	0.963	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	68	11.313	ug/l #	51
59) 2-Hexanone	10.76	43	122624	40.565	ug/l #	56
67) Ethyl Benzene	11.51	91	6338	0.276	ug/l	90
68) m/p-Xylenes	11.62	106	6778	0.824	ug/l	90
69) o-Xylene	11.95	106	4805	0.588	ug/l	97
71) Bromoform	12.39	173	687	0.241	ug/l #	1
73) Isopropylbenzene	12.25	105	3234	Below Cal		85
75) 1,1,2,2-Tetrachloroethane	12.51	83	109	Below Cal	#	86
76) 1,2,3-Trichloropropane	12.40	75	136869	34.482	ug/l #	100
78) n-propylbenzene	12.59	91	6242	0.318	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10818	0.739	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	136869	130.714	ug/l #	5
83) tert-Butylbenzene	13.23	119	2622	Below Cal		68
84) 1,2,4-Trimethylbenzene	13.04	105	24032	1.739	ug/l	92
85) sec-Butylbenzene	13.17	105	3703	0.223	ug/l	96
86) p-Isopropyltoluene	13.29	119	3119	0.228	ug/l	94

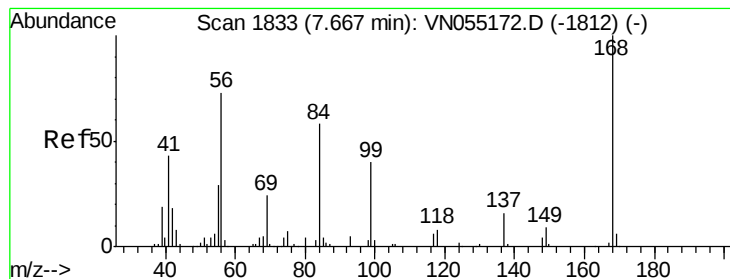
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055241.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	4009	0.396	ug/l #	75
90) Hexachloroethane	13.89	117	1221	0.504	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	1223	3.140	ug/l #	66
94) Hexachlorobutadiene	15.00	225	1605	Below Cal		80
95) Naphthalene	15.13	128	28451	7.607	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	1340	2.572	ug/l #	65

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

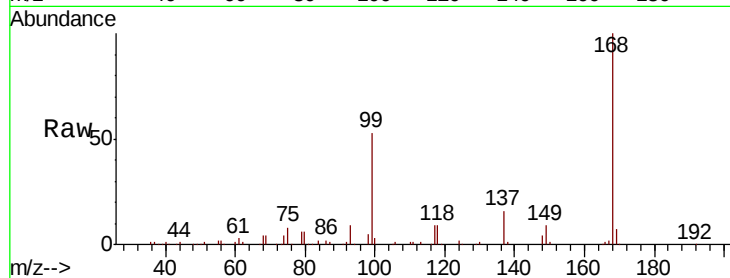
135-20

Tot Ion:168 Resp: 403184

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

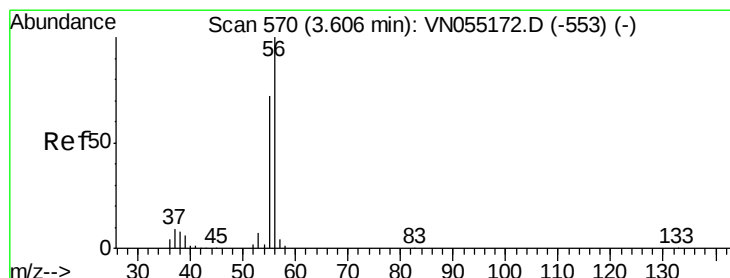
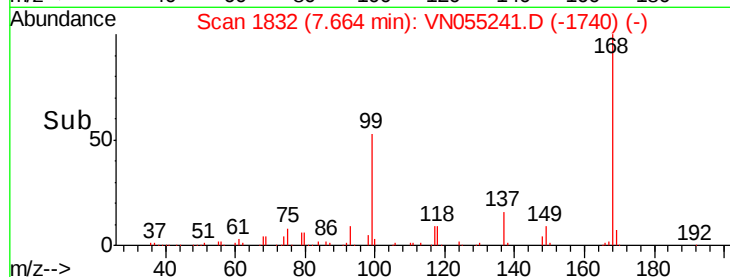
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 9.571 ug/l

RT: 3.69 min Scan# 595

Delta R.T. 0.08 min

Lab File: VN055241.D

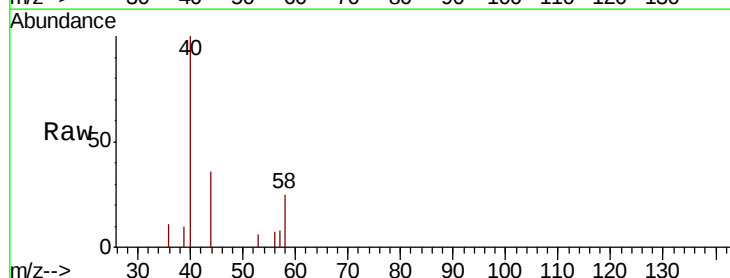
Acq: 25 Apr 2019 13:02

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.69

150

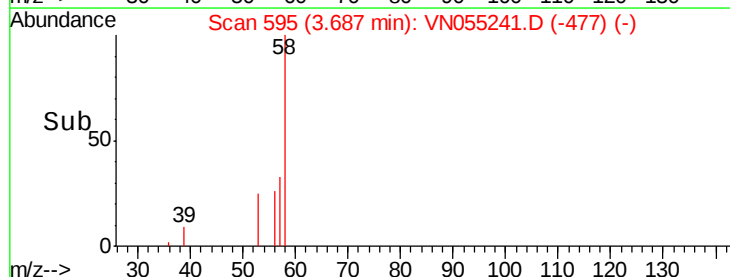
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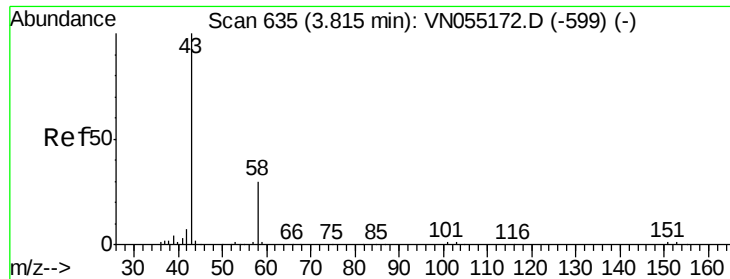
50

0

3.67 3.68 3.69 3.69 3.69

Time-->





#16

Acetone

Concen: 7.642 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

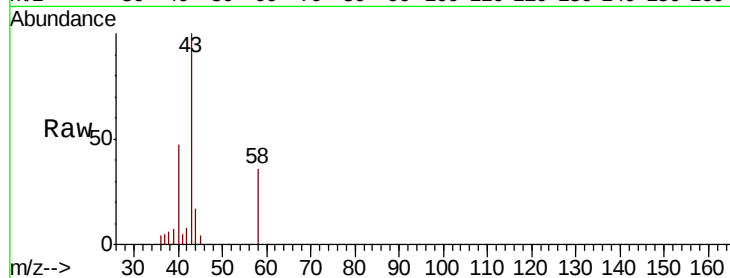
135-20

Tot Ion: 43 Resp: 13786

Ion Ratio Lower Upper

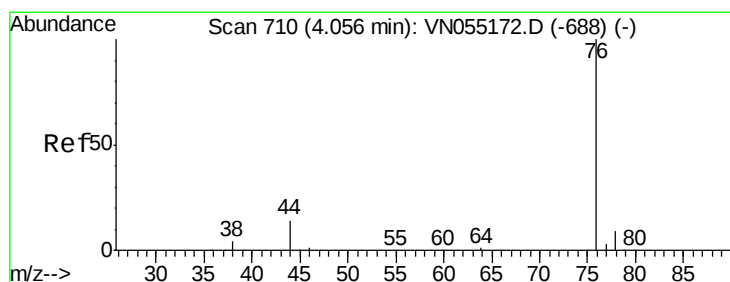
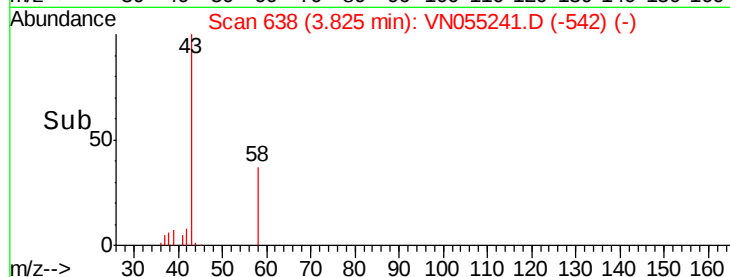
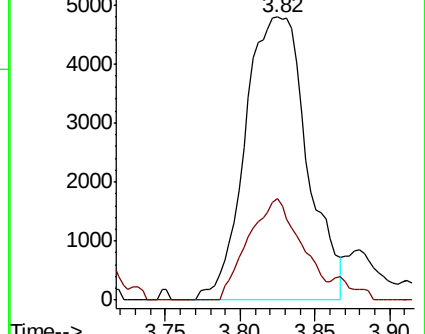
43 100

58 36.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.490 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055241.D

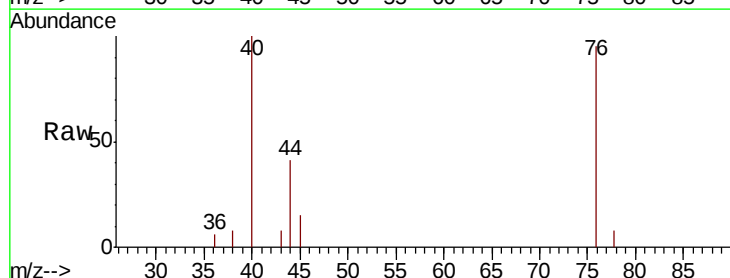
Acq: 25 Apr 2019 13:02

Tgt Ion: 76 Resp: 5678

Ion Ratio Lower Upper

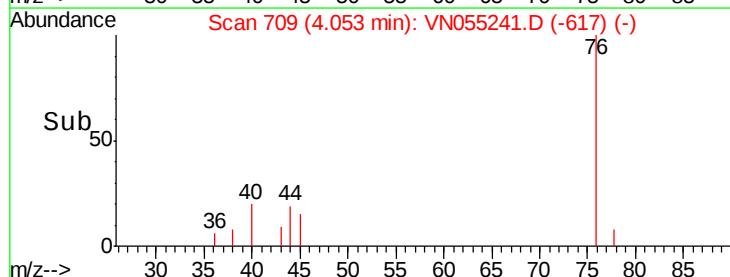
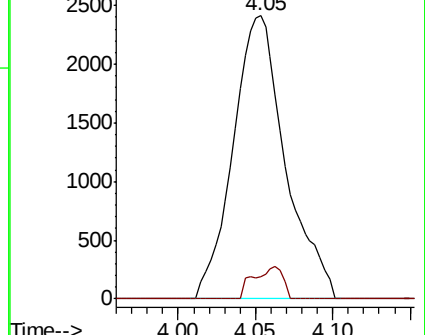
76 100

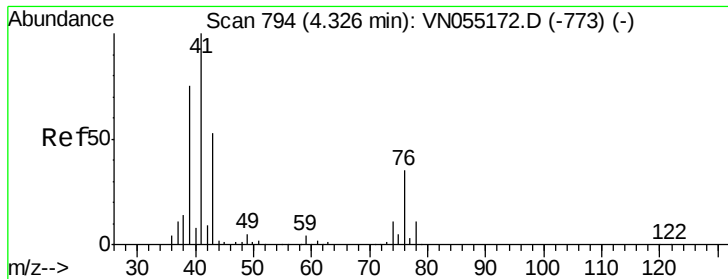
78 8.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

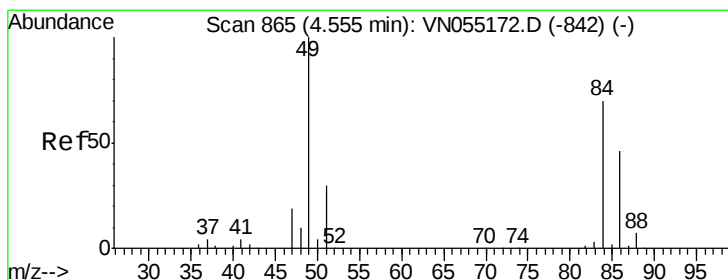
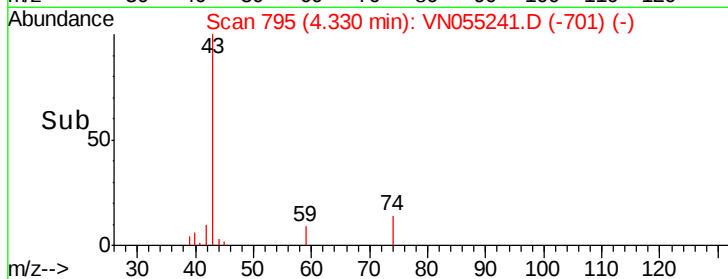
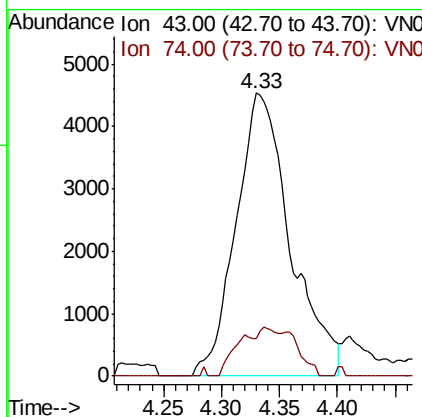
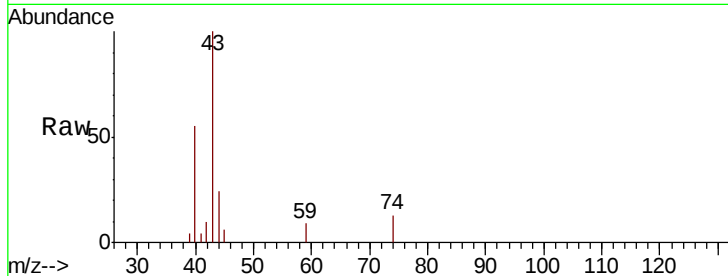




#18
Methyl Acetate
Concen: 2.759 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

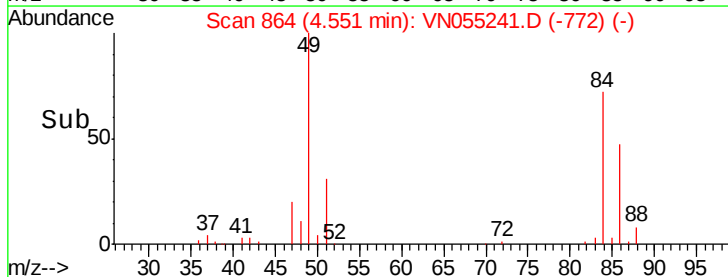
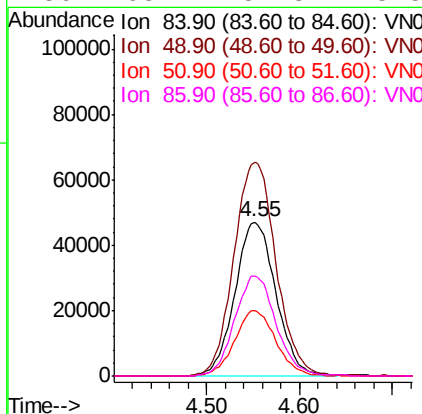
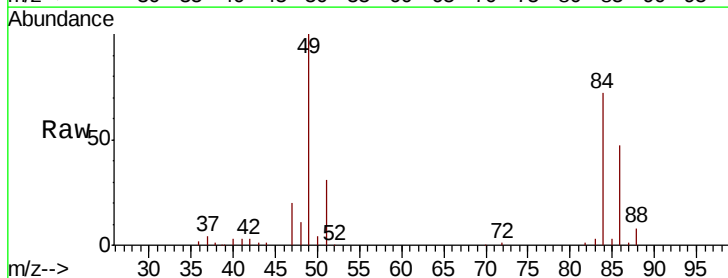
Instrument :
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ClientSampleId :
135-20

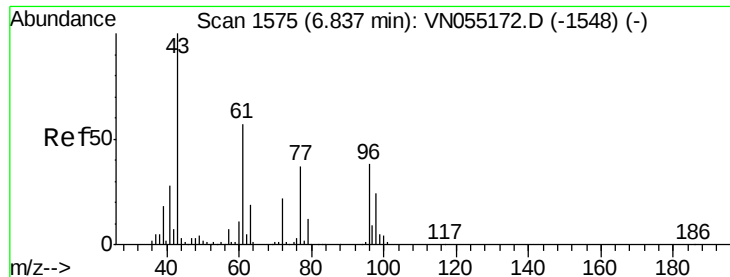
Tot Ion: 43 Resp: 14825
Ion Ratio Lower Upper
43 100
74 1.5 16.7 25.1#



#20
Methylene Chloride
Concen: 27.821 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion: 84 Resp: 144287
Ion Ratio Lower Upper
84 100
49 138.5 113.8 170.6
51 42.6 34.0 51.0
86 65.2 52.3 78.5





#25

2-Butanone

Concen: 0.568 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

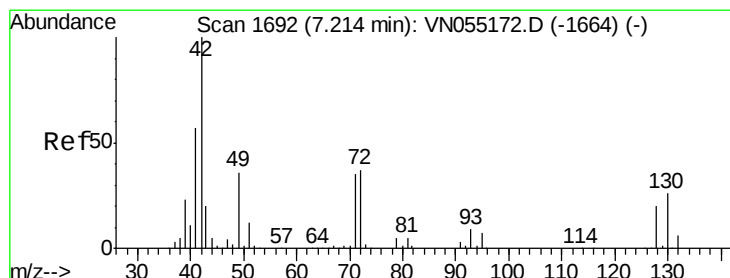
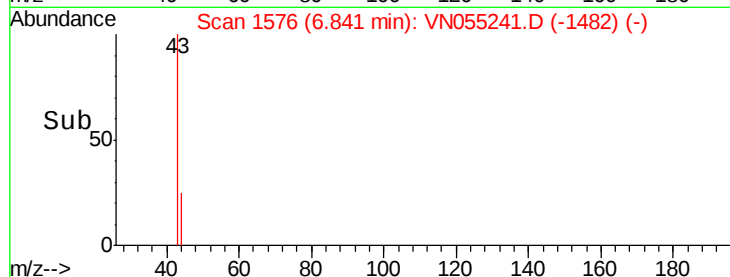
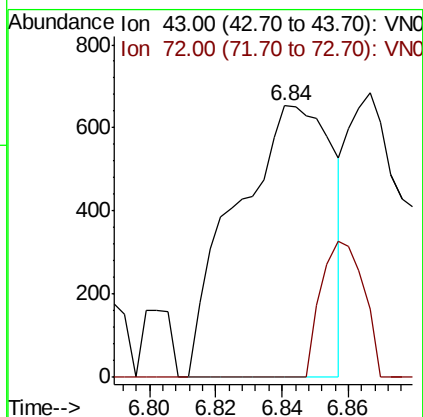
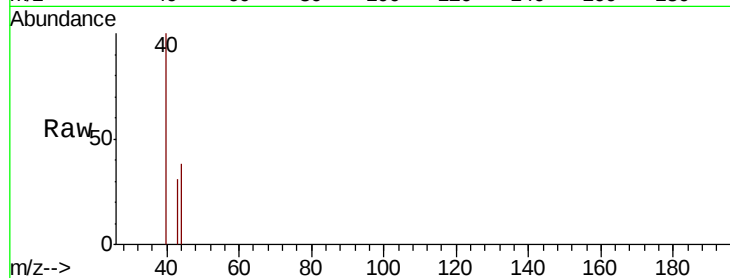
135-20

Tot Ion: 43 Resp: 1322

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.01 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

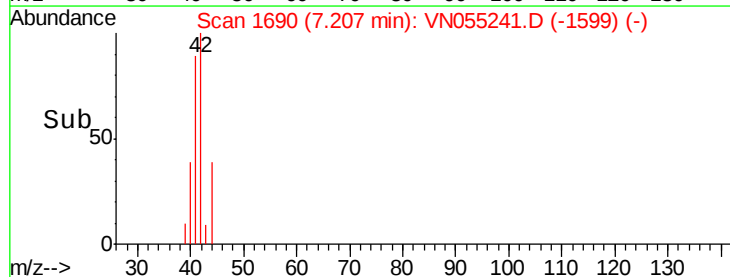
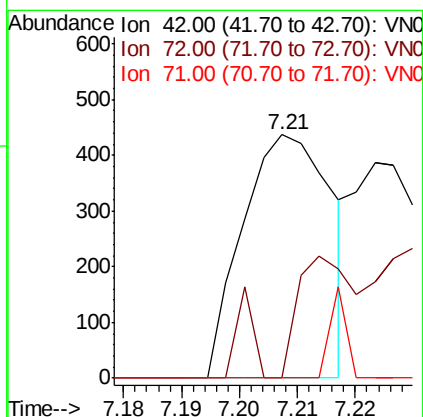
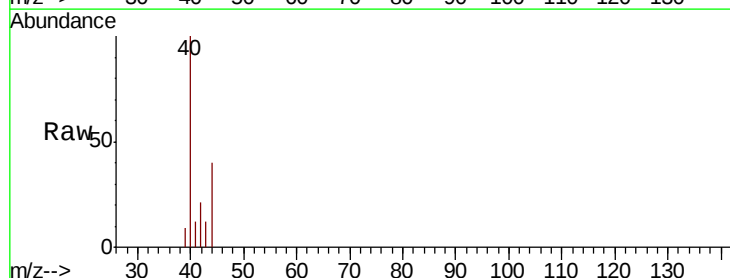
Tgt Ion: 42 Resp: 463

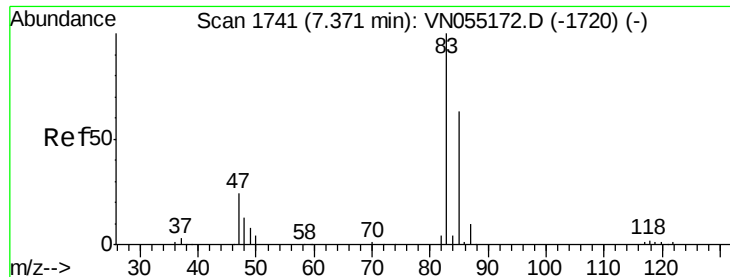
Ion Ratio Lower Upper

42 100

72 31.3 29.4 44.2

71 6.9 27.8 41.8#

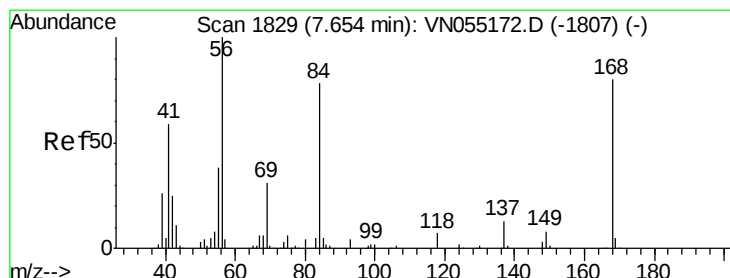
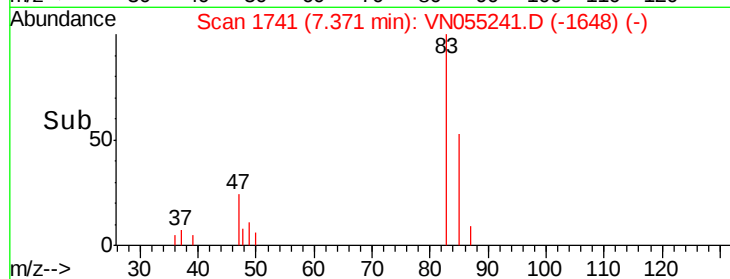
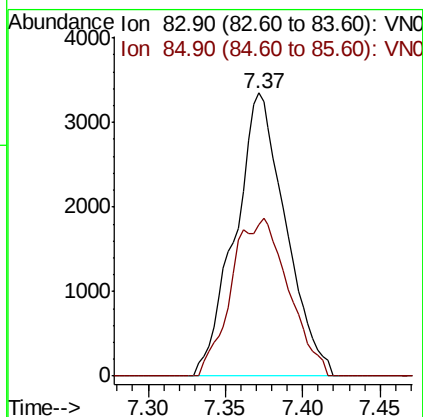
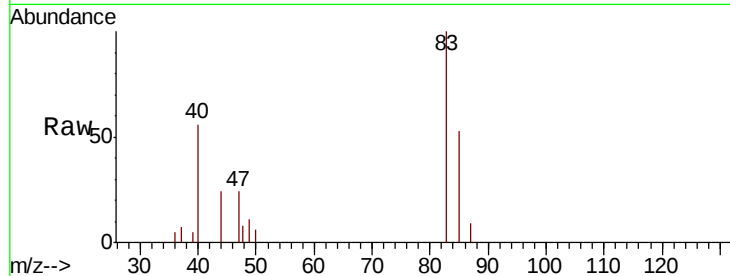




#30
Chloroform
Concen: 0.913 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

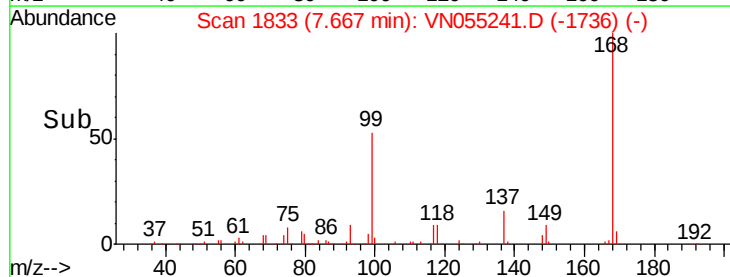
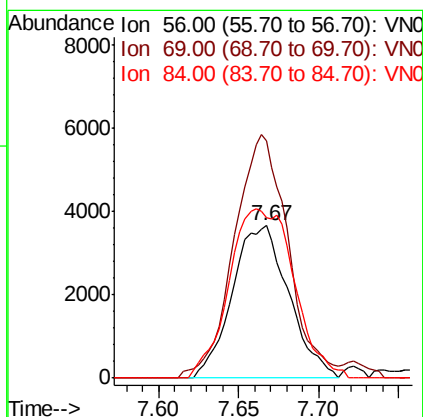
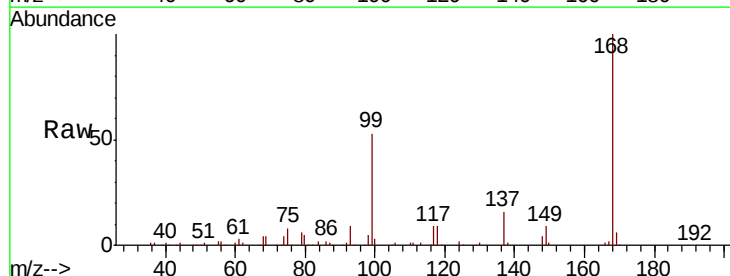
Instrument :
MSVOA_N
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135-20

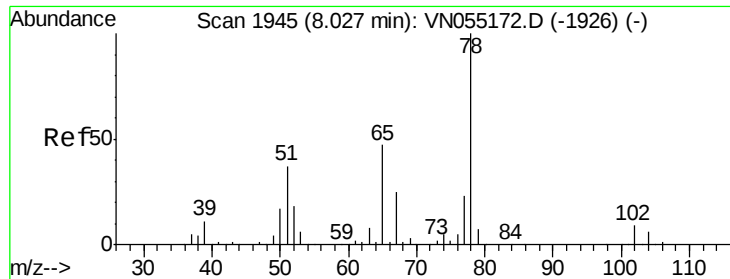
Tot Ion: 83 Resp: 7633
Ion Ratio Lower Upper
83 100
85 53.4 50.6 76.0



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion: 56 Resp: 8861
Ion Ratio Lower Upper
56 100
69 150.1 24.6 37.0#
84 105.1 61.4 92.2#

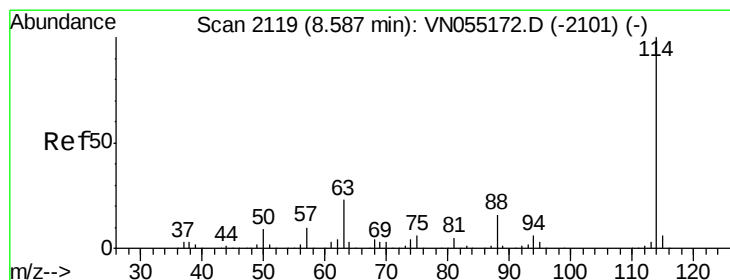
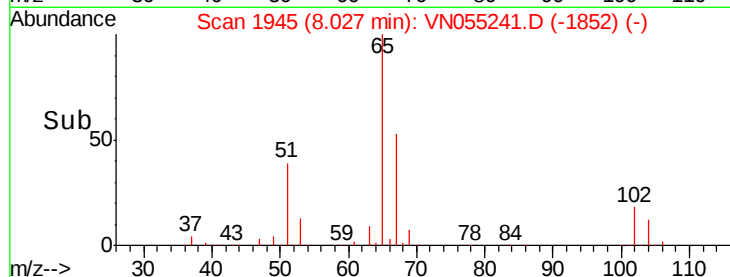
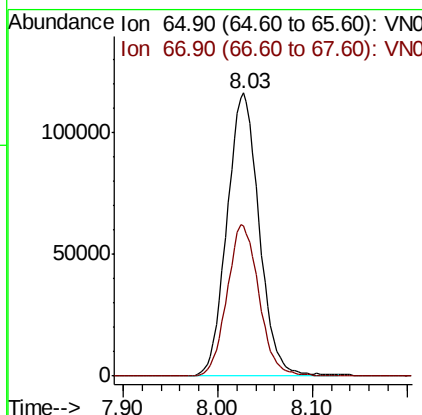
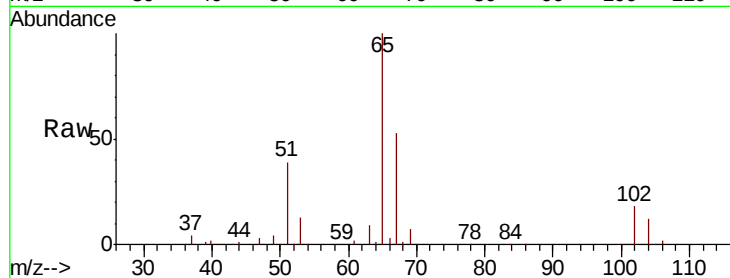




#33
 1,2-Dichloroethane-d4
 Concen: 50.292 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

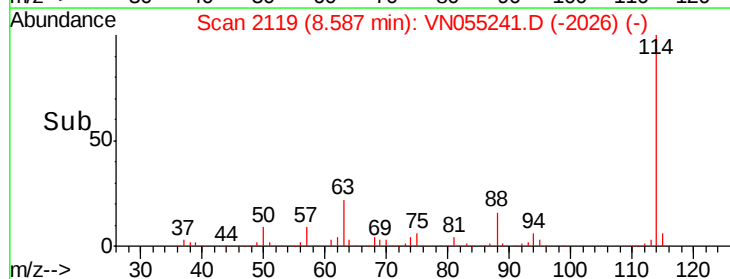
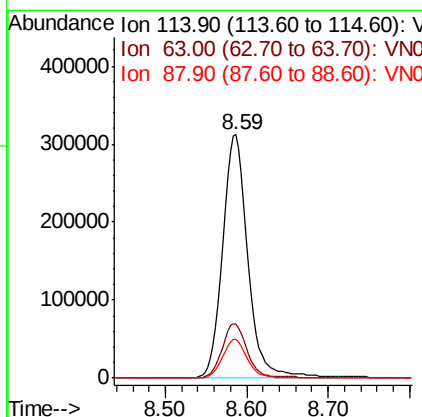
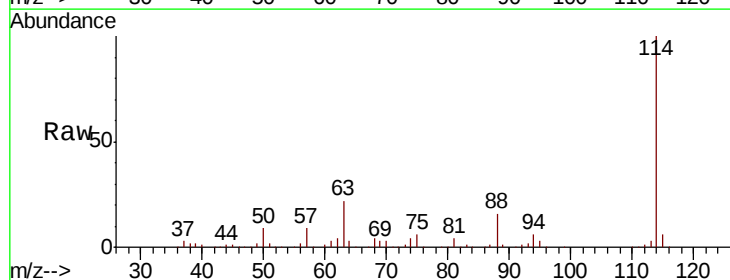
Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

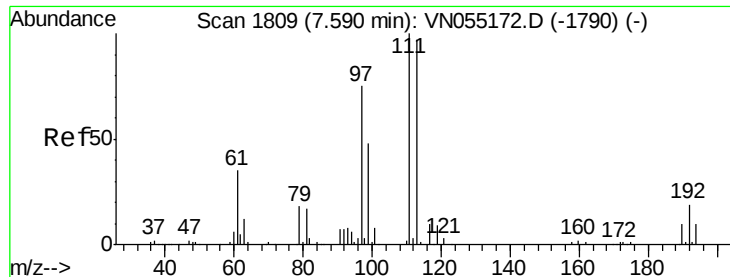
Tot Ion: 65 Resp: 274453
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion: 114 Resp: 685658
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 15.8 0.0 32.8

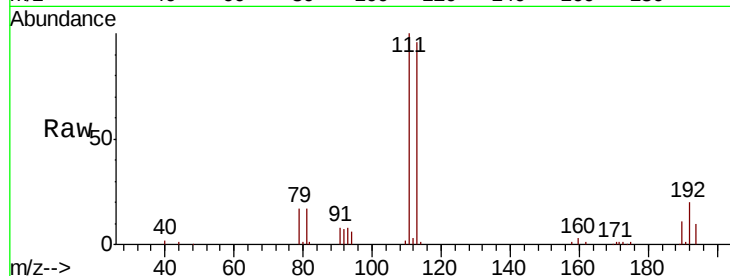




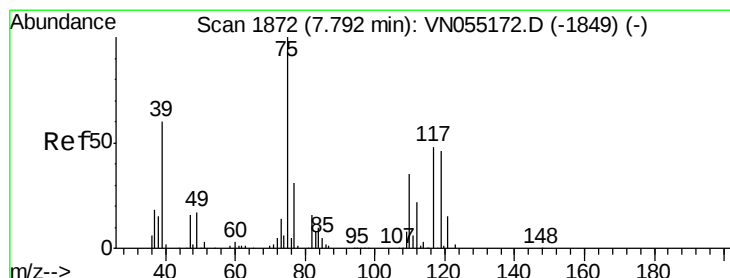
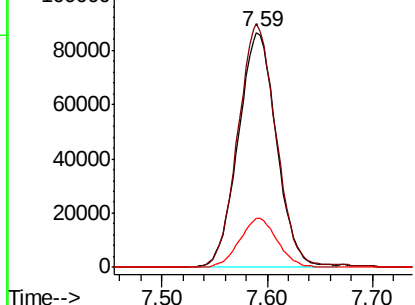
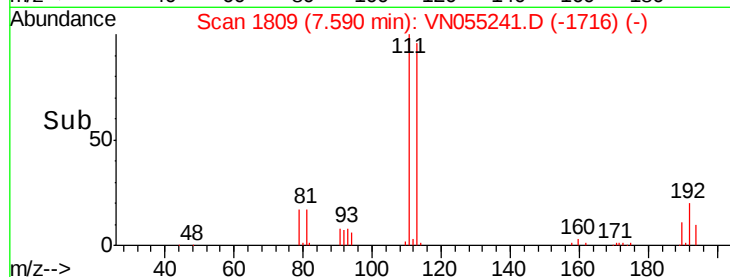
#35
 Dibromofluoromethane
 Concen: 46.904 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

Tot Ion:113 Resp: 218478
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.4
 192 20.7 16.2 24.4

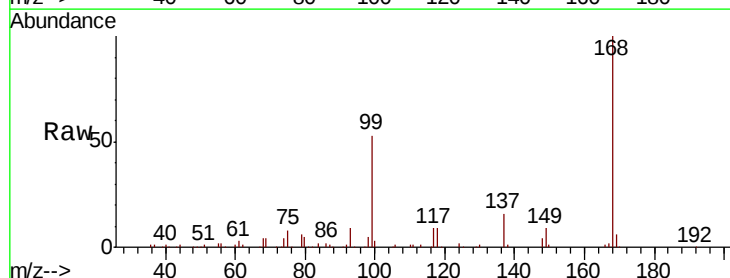


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

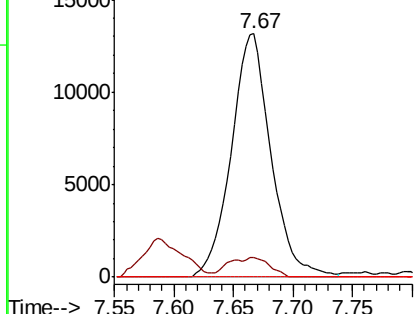
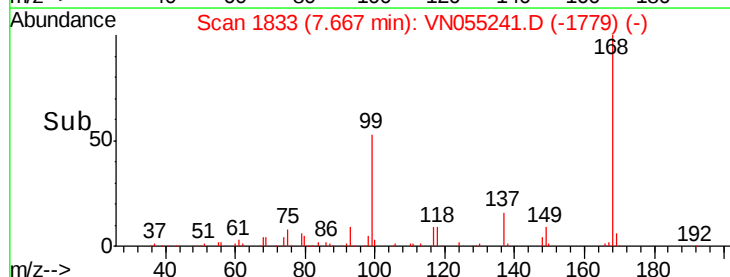


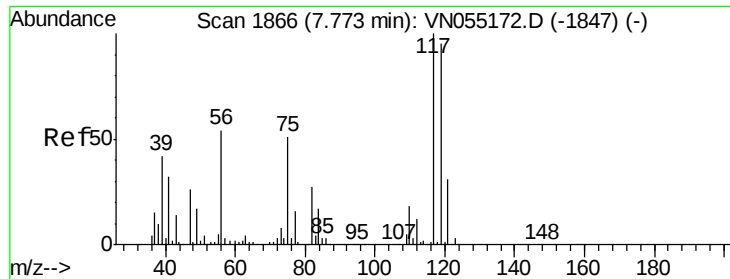
#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion: 75 Resp: 30395
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.2#
 77 0.0 24.6 36.8#



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: 6.407 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

135-20

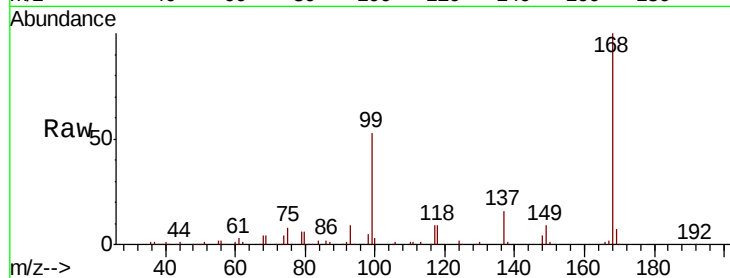
Tot Ion:117 Resp: 38183

Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

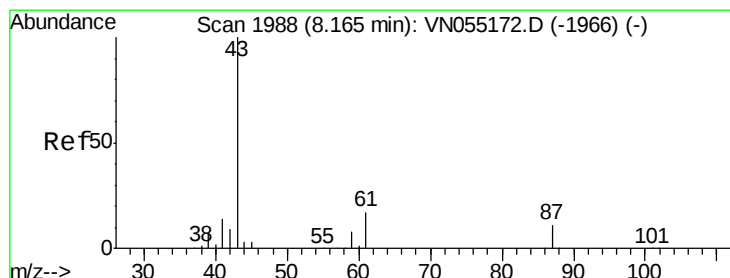
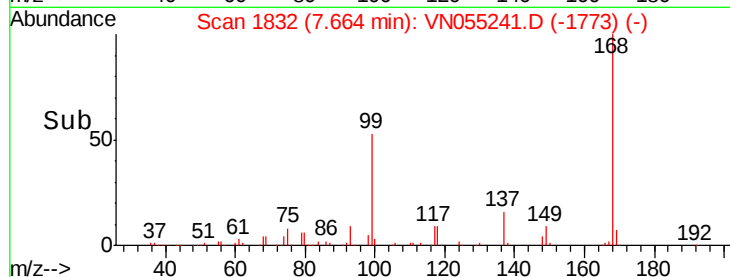
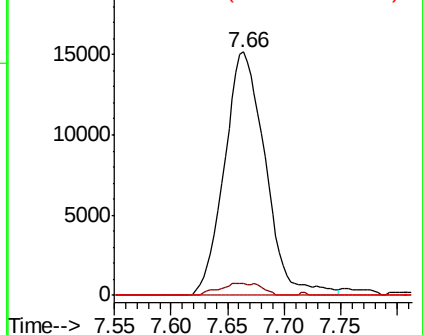
121 0.0 24.6 36.8#



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: 2.137 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

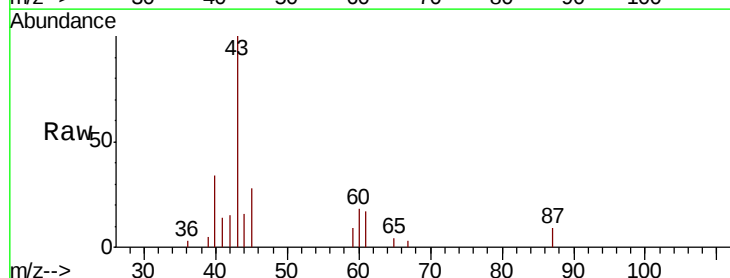
Tgt Ion: 43 Resp: 17777

Ion Ratio Lower Upper

43 100

61 4.9 20.6 30.8#

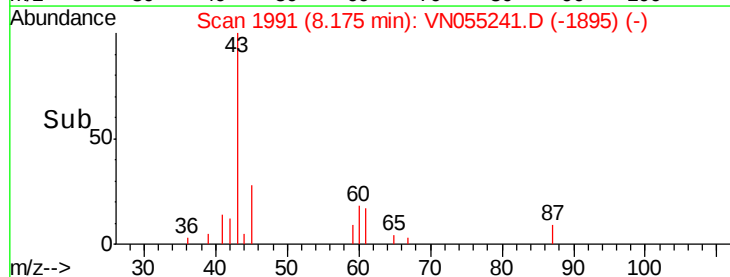
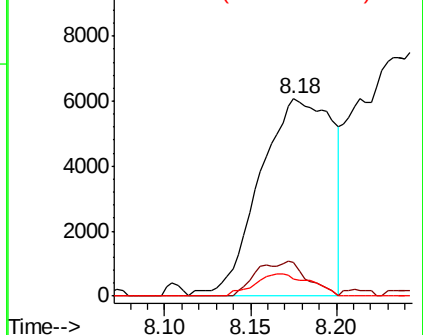
87 8.7 8.8 13.2#

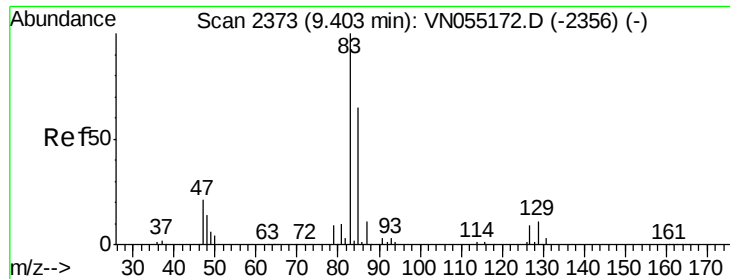


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.295 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

135-20

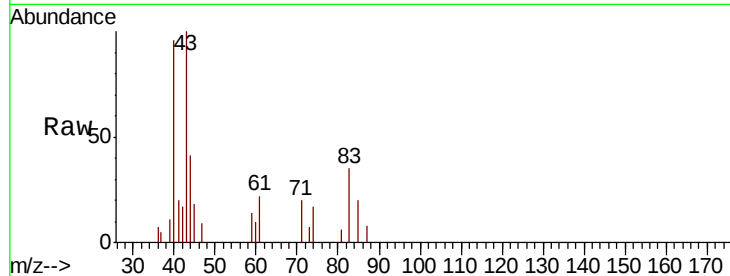
Tot Ion: 83 Resp: 1873

Ion Ratio Lower Upper

83 100

85 56.4 52.1 78.1

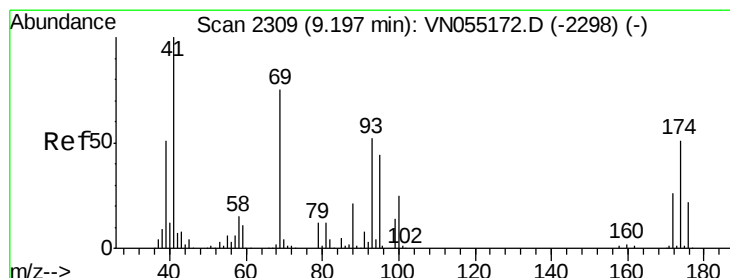
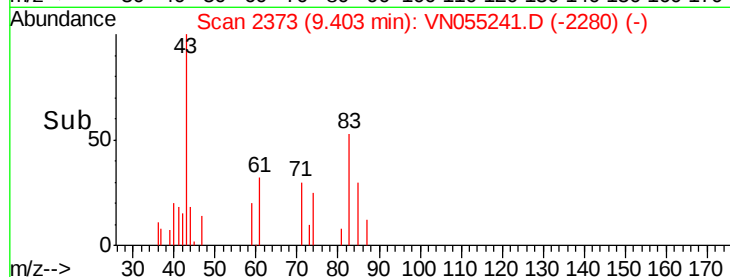
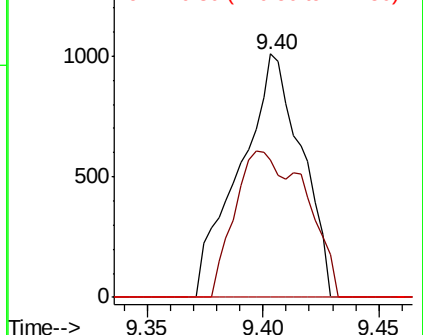
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 2.044 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

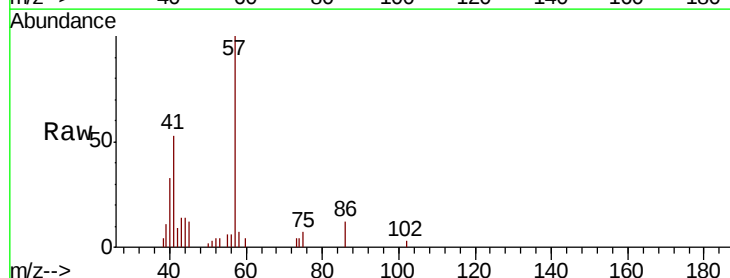
Tgt Ion: 41 Resp: 8246

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

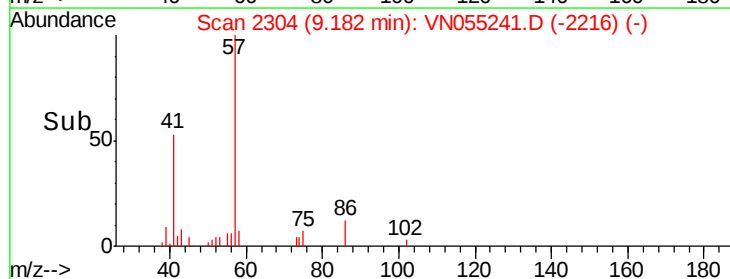
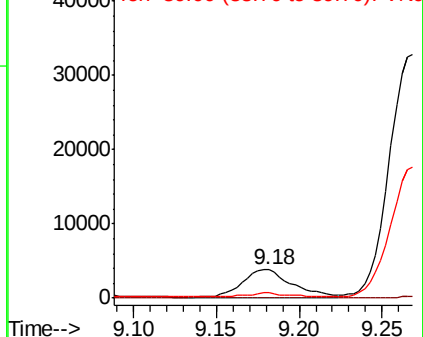
39 0.0 43.8 65.8#

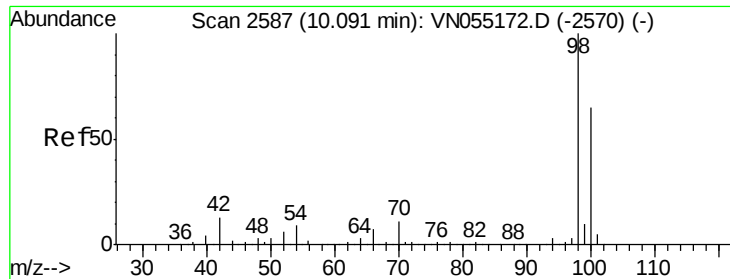


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 49.333 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

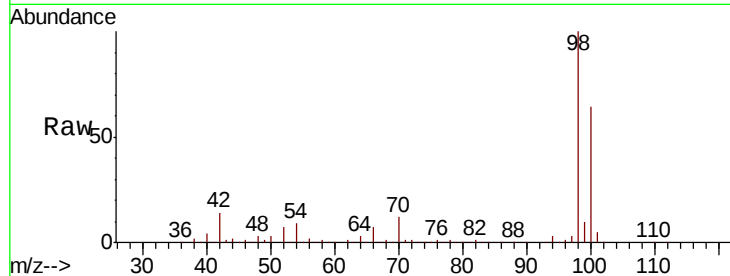
135-20

Tot Ion: 98 Resp: 851411

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

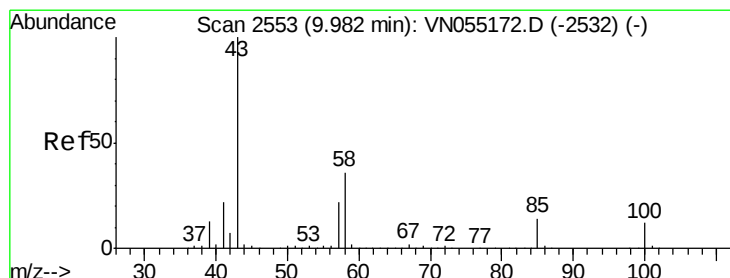
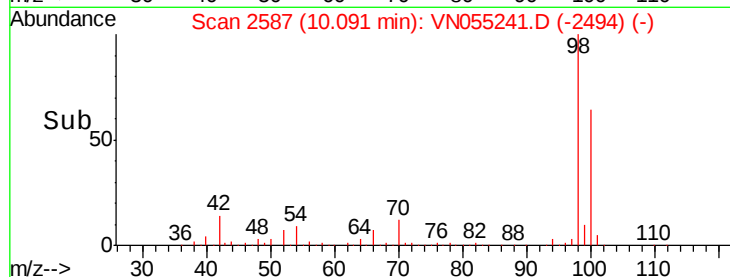
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.460 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055241.D

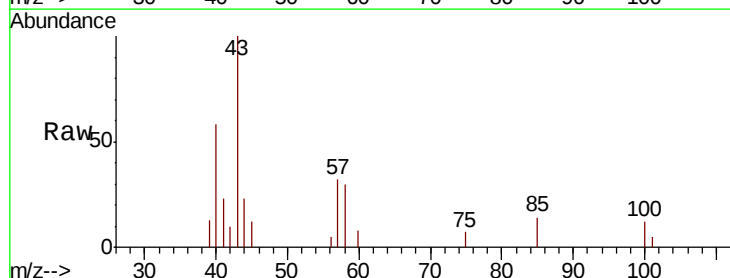
Acq: 25 Apr 2019 13:02

Tgt Ion: 43 Resp: 6989

Ion Ratio Lower Upper

43 100

58 34.3 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

9.99

5000

4000

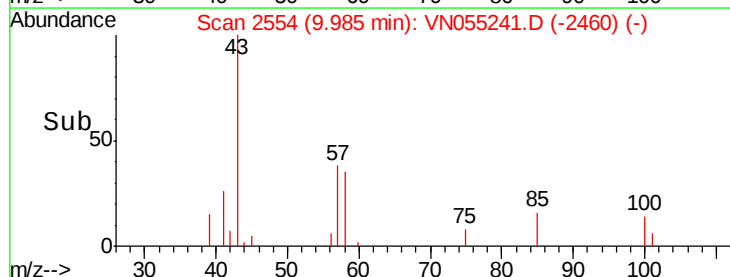
3000

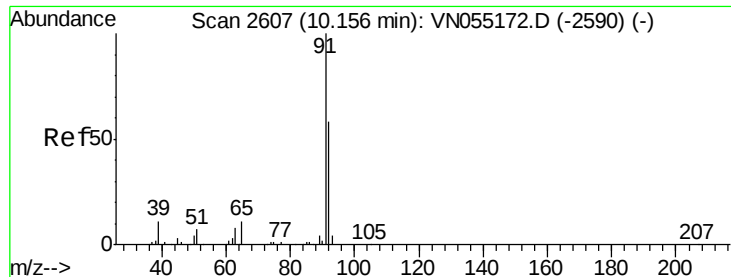
2000

1000

0

Time-->





#52

Toluene

Concen: 0.221 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

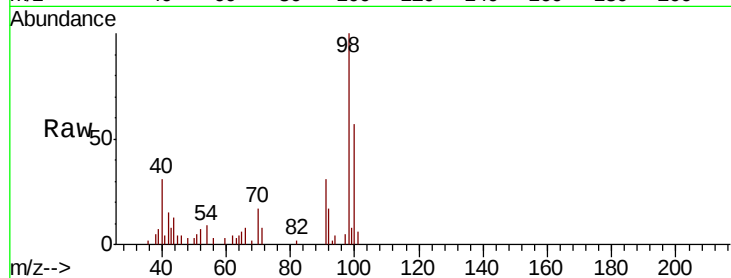
135-20

Tot Ion: 92 Resp: 2544

Ion Ratio Lower Upper

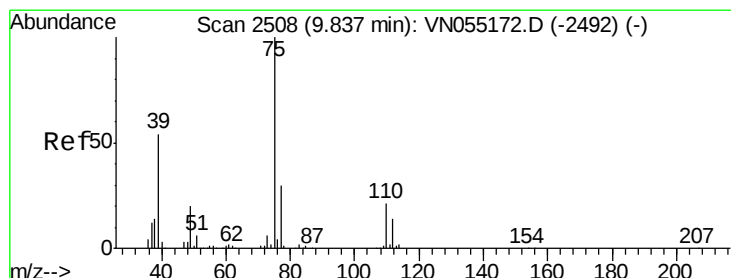
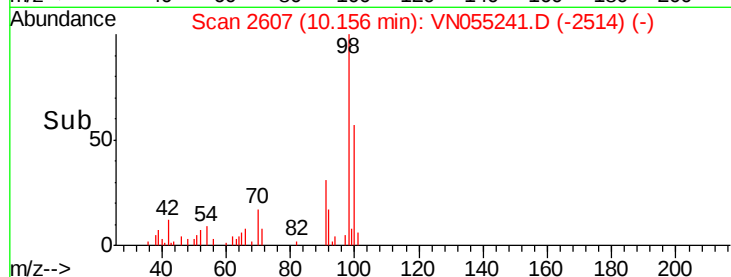
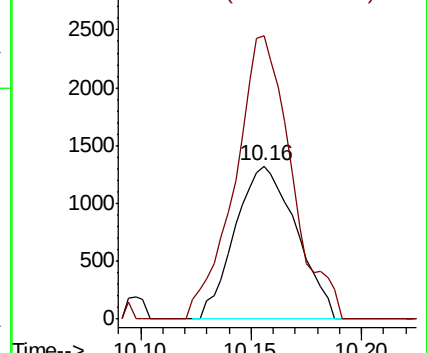
92 100

91 171.0 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.298 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

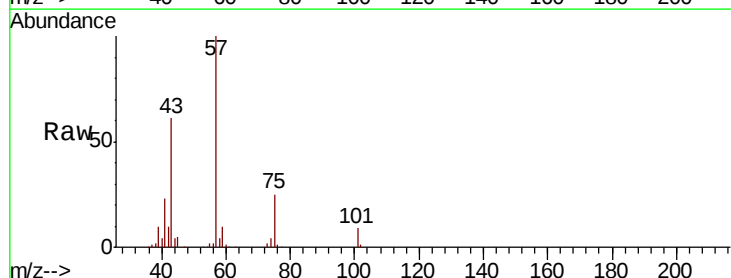
Tgt Ion: 75 Resp: 45582

Ion Ratio Lower Upper

75 100

77 0.6 24.3 36.5#

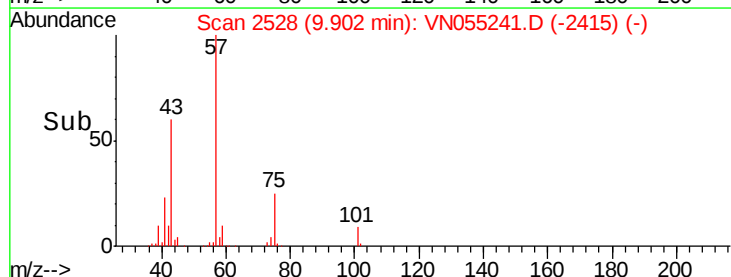
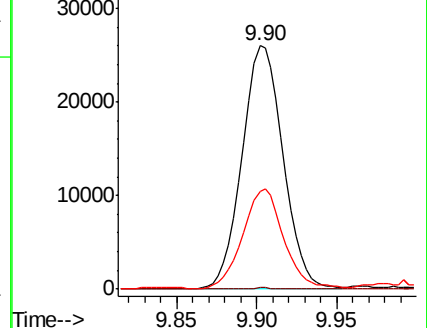
39 40.1 43.0 64.4#

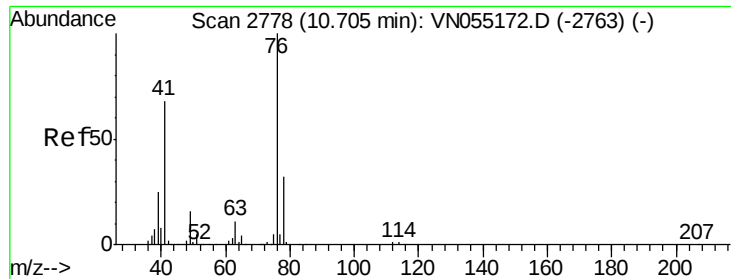


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.963 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

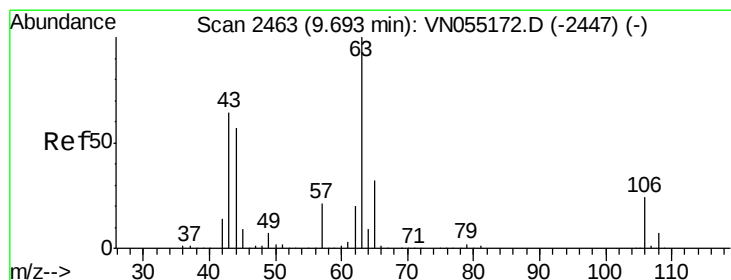
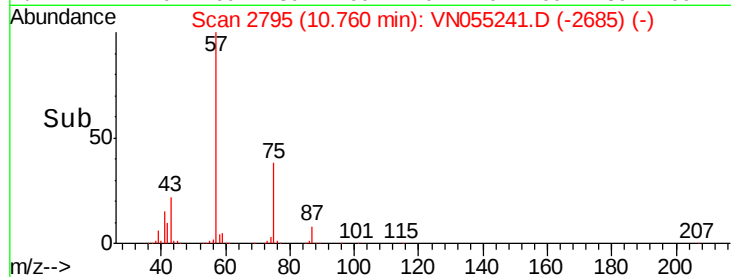
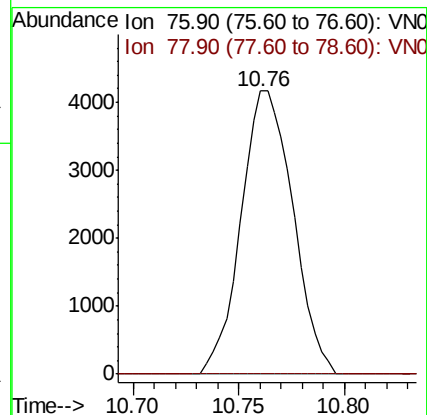
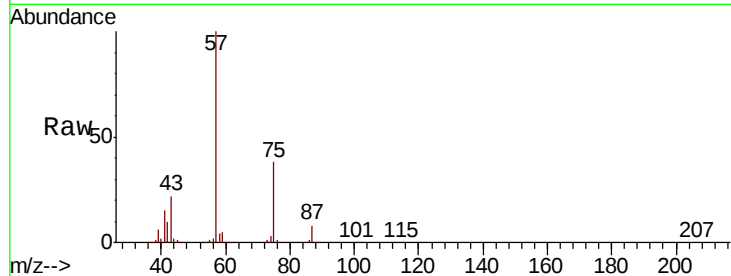
135-20

Tot Ion: 76 Resp: 7115

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#



#58

2-Chloroethyl Vinyl ether

Concen: 11.313 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.21 min

Lab File: VN055241.D

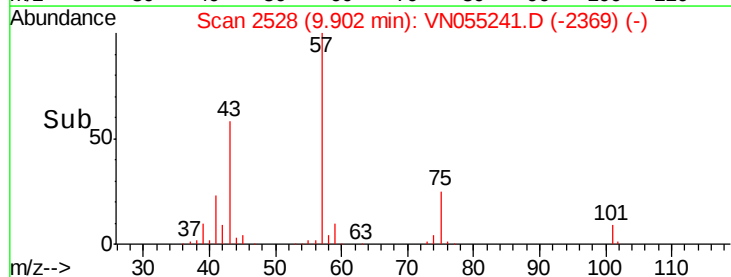
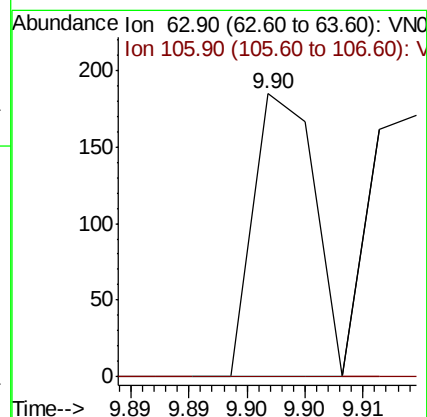
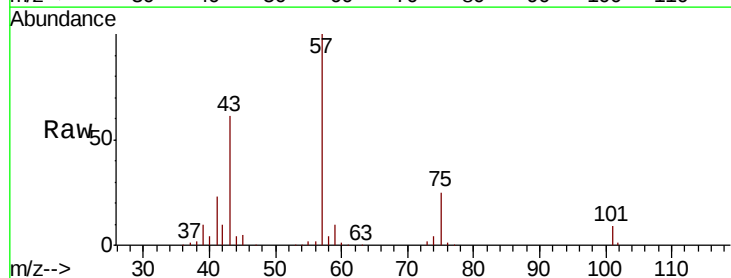
Acq: 25 Apr 2019 13:02

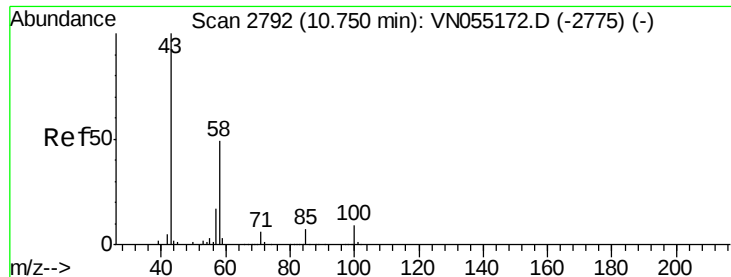
Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.0#

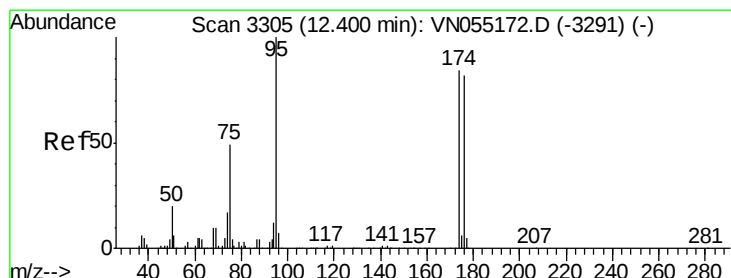
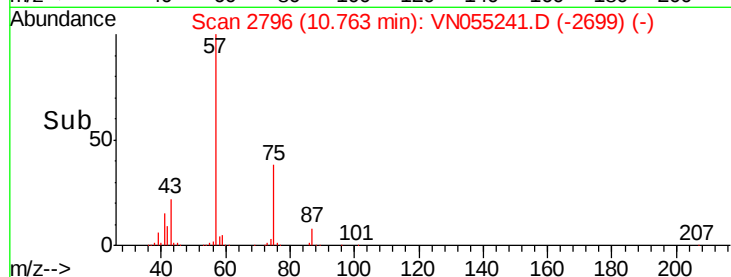
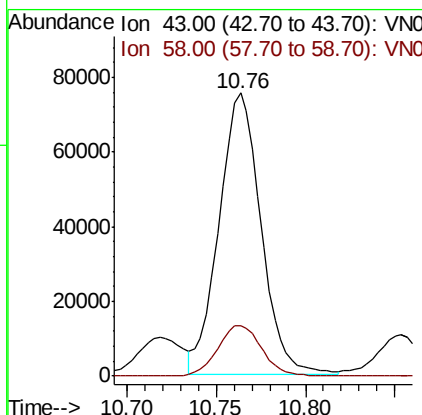
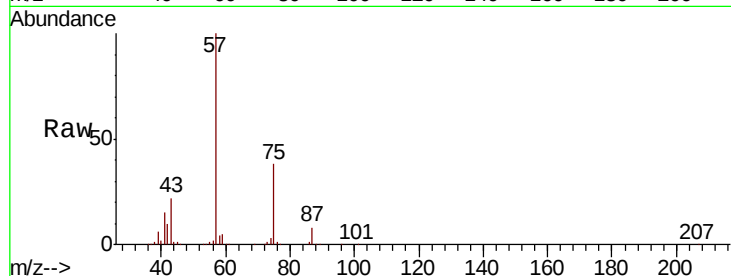




#59
2-Hexanone
Concen: 40.565 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

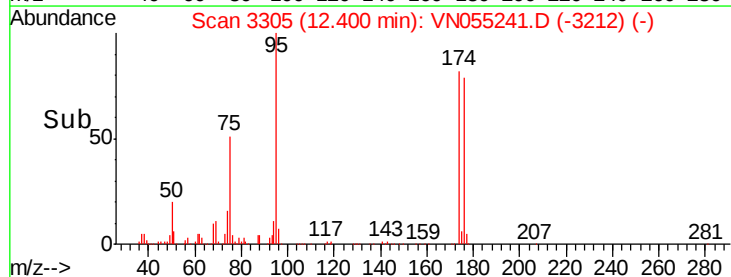
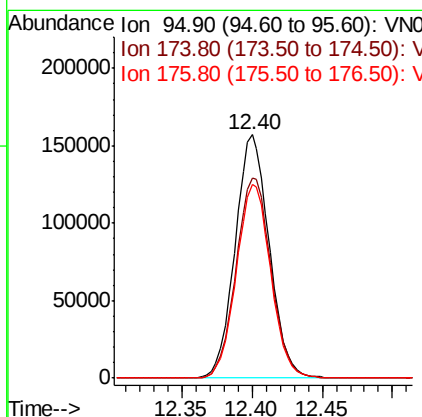
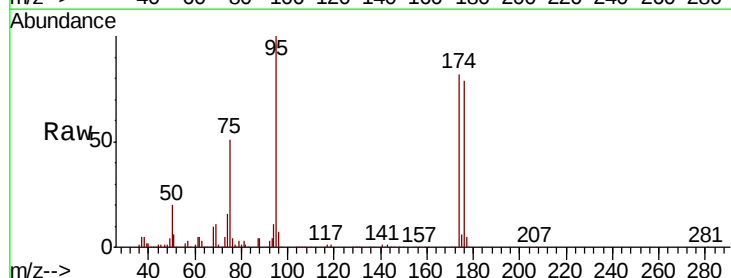
Instrument :
MSVOA_N
ClientSampled :
135-20

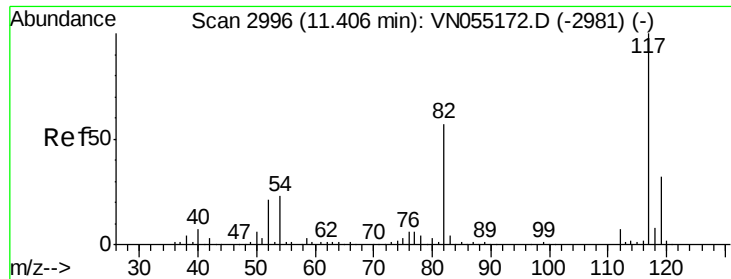
Tot Ion: 43 Resp: 122624
Ion Ratio Lower Upper
43 100
58 19.0 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 48.689 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion: 95 Resp: 266100
Ion Ratio Lower Upper
95 100
174 84.5 0.0 168.4
176 80.5 0.0 164.0

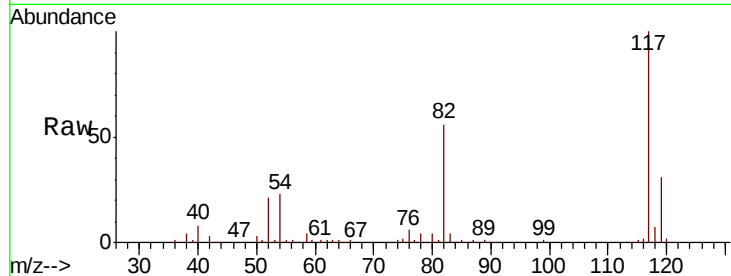




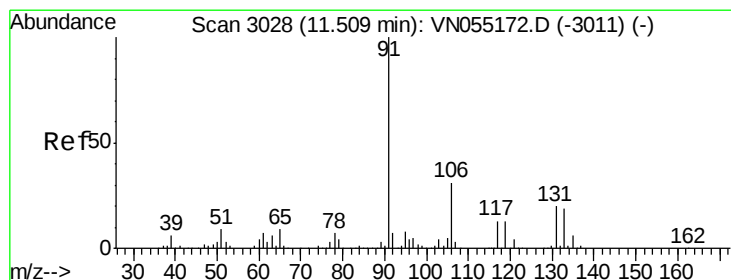
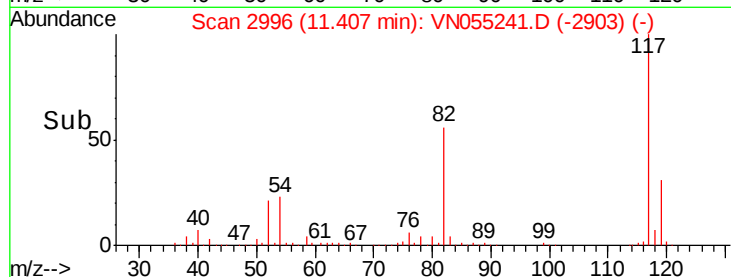
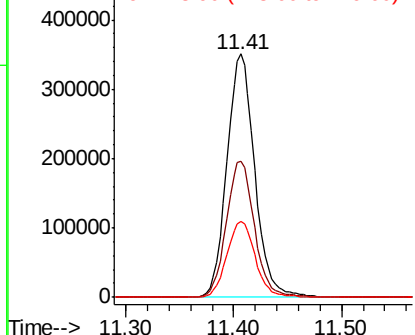
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Instrument :
MSVOA_N
ClientSampleId :
135-20

Tot Ion:117 Resp: 631103
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.3 25.4 38.2

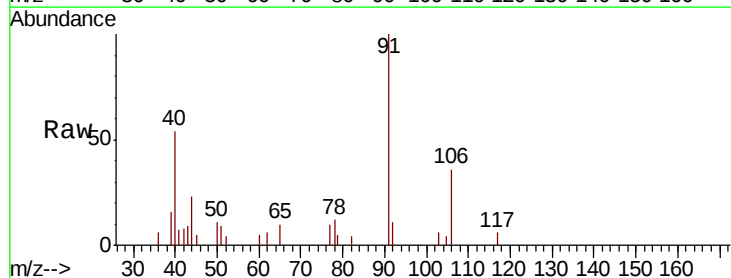


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

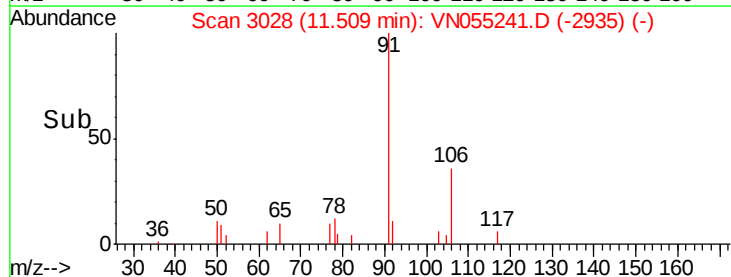
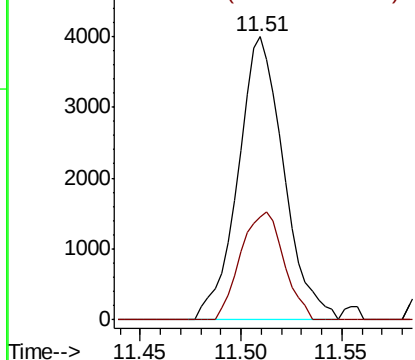


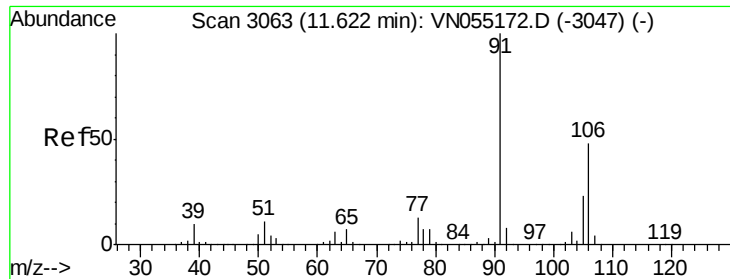
#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion: 91 Resp: 6338
Ion Ratio Lower Upper
91 100
106 36.3 24.5 36.7



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

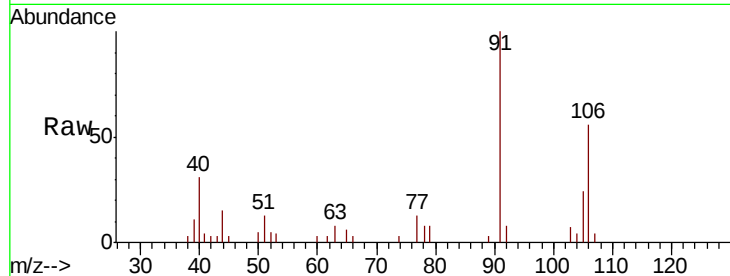




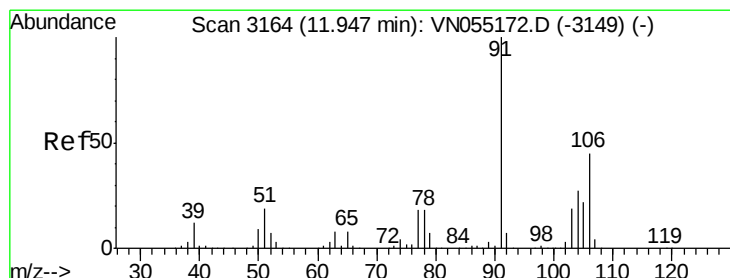
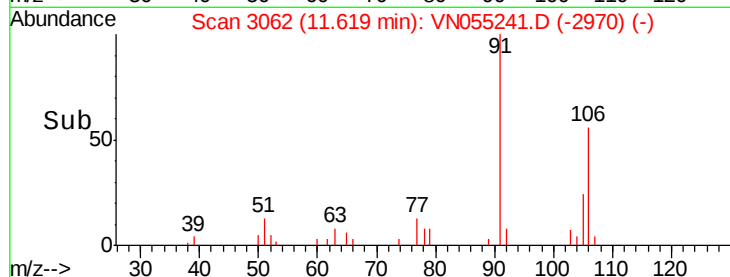
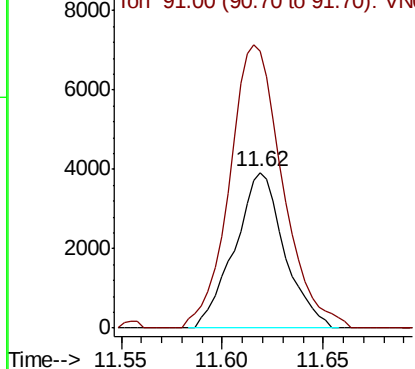
#68
m/p-Xvlenes
Concen: 0.824 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Instrument :
MSVOA_N
ClientSampled :
135-20

Tot Ion:106 Resp: 6778
Ion Ratio Lower Upper
106 100
91 193.6 167.1 250.7

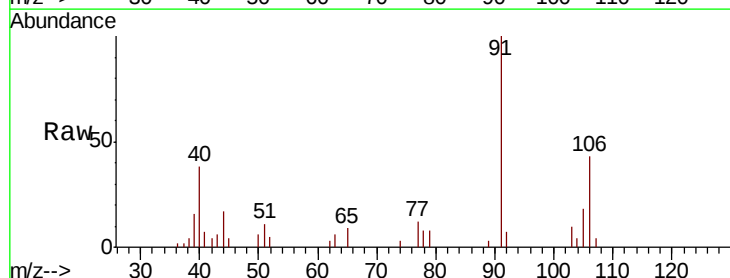


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

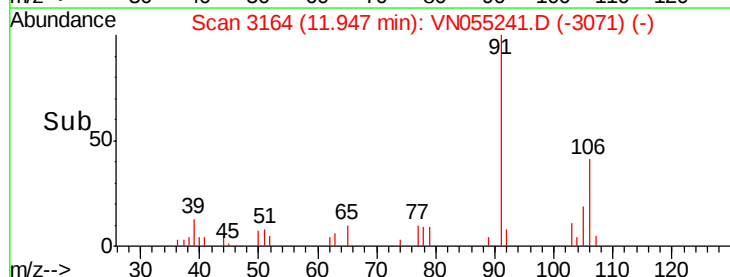
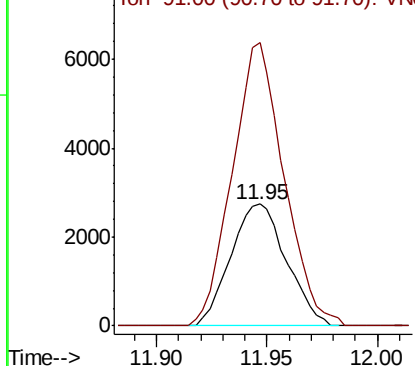


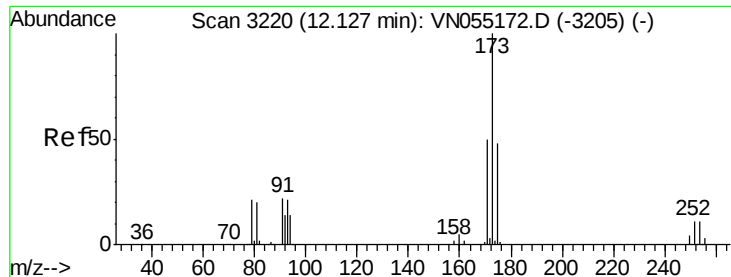
#69
o-Xylene
Concen: 0.588 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion:106 Resp: 4805
Ion Ratio Lower Upper
106 100
91 215.6 110.6 331.8



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





#71

Bromoform

Concen: 0.241 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

135-20

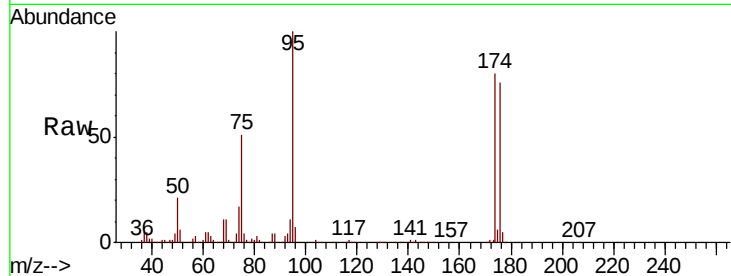
Tot Ion:173 Resp: 687

Ion Ratio Lower Upper

173 100

175 2138.1 23.8 71.2#

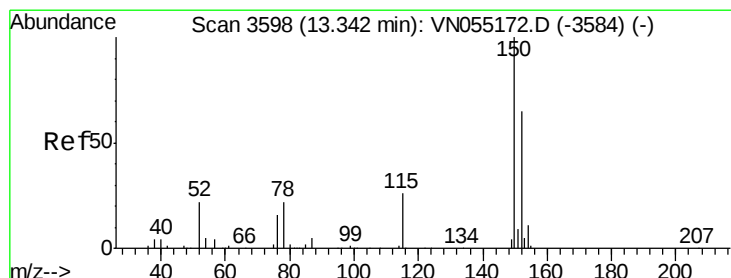
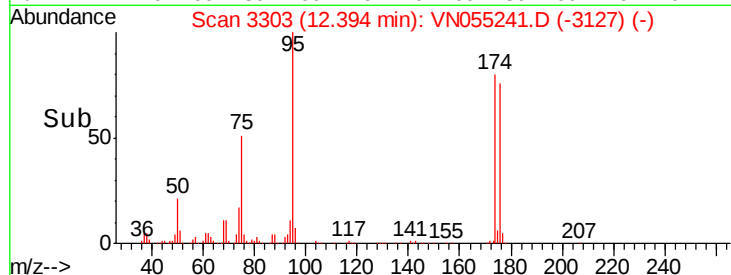
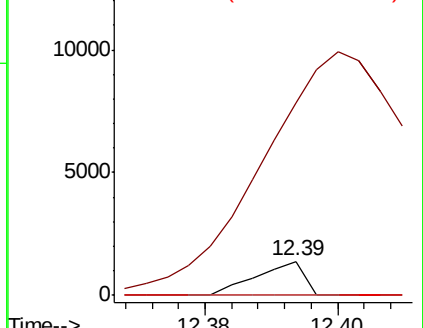
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

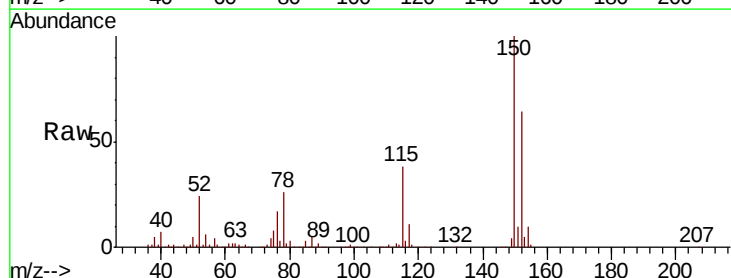
Tgt Ion:152 Resp: 195656

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

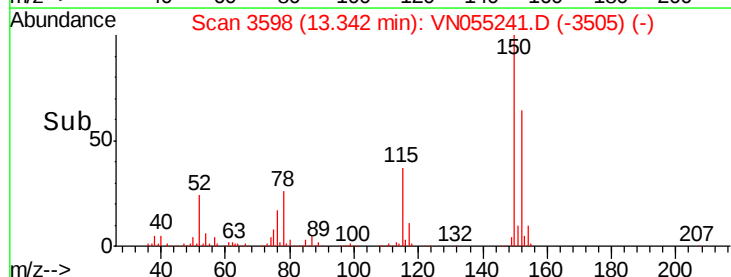
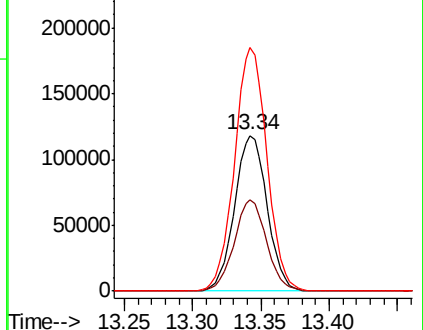
150 155.6 0.0 346.6

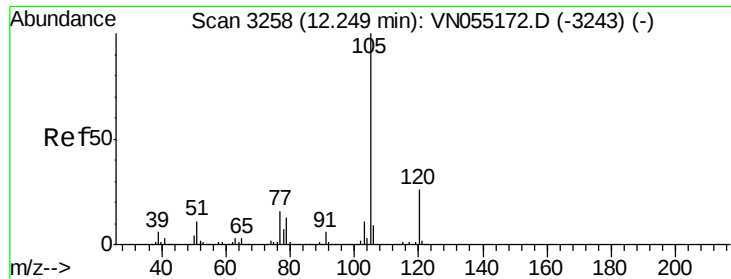


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

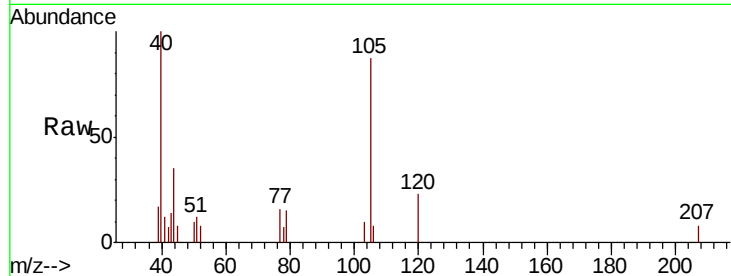
135-20

Tot Ion: 105 Resp: 3234

Ion Ratio Lower Upper

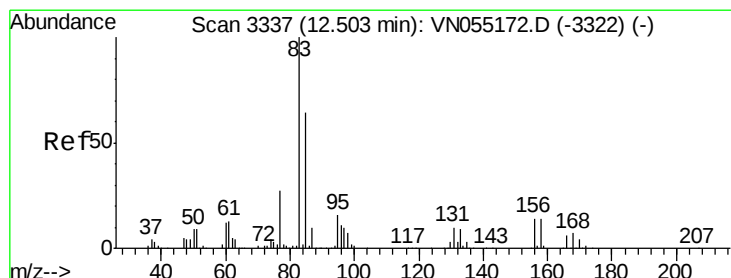
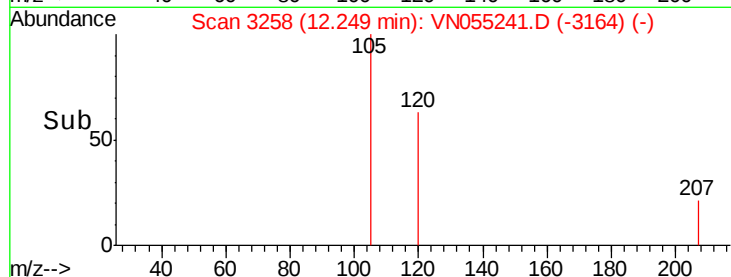
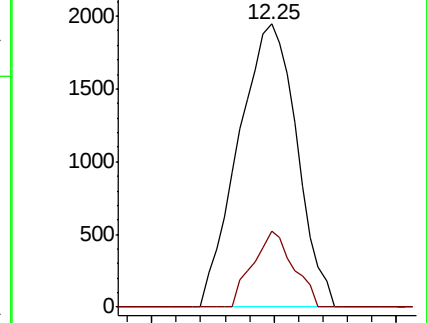
105 100

120 18.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

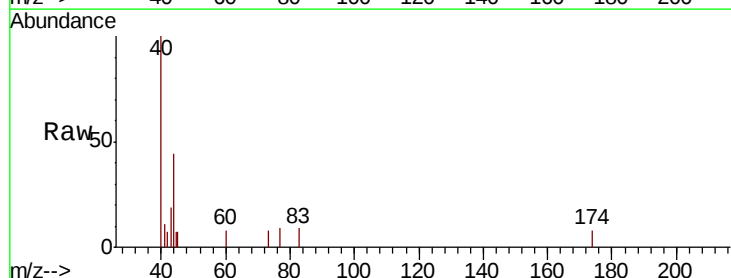
Tgt Ion: 83 Resp: 109

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

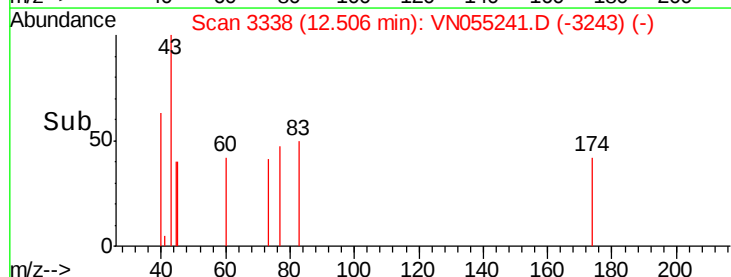
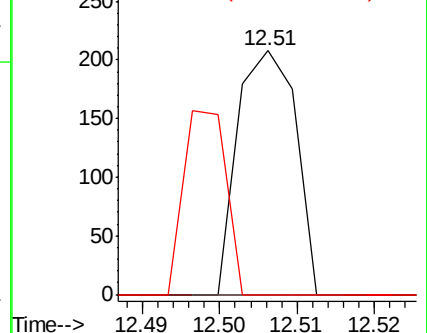
85 55.0 32.1 96.3

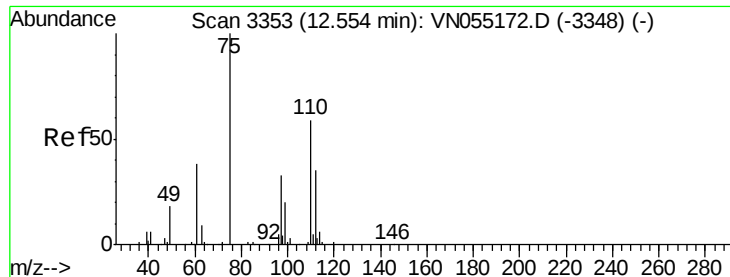


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.482 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

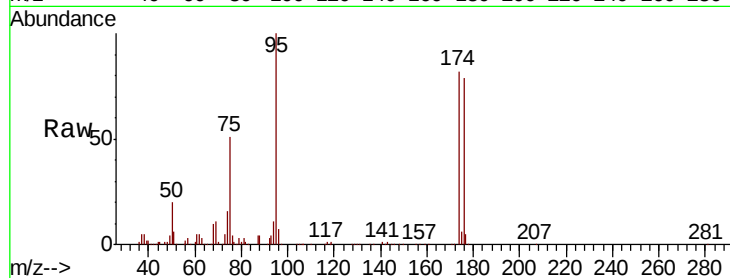
135-20

Tot Ion: 75 Resp: 136869

Ion Ratio Lower Upper

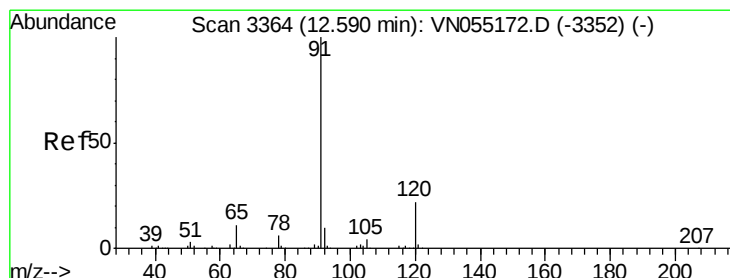
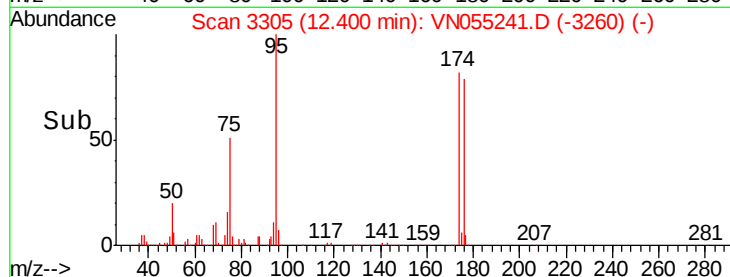
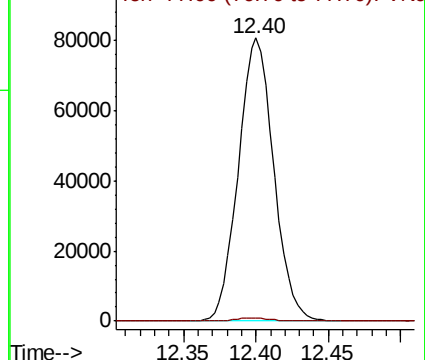
75 100

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



#78

n-propylbenzene

Concen: 0.318 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055241.D

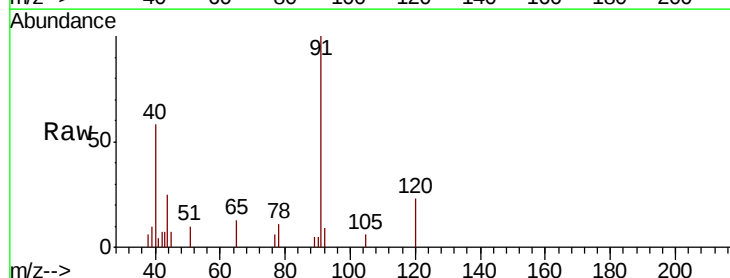
Acq: 25 Apr 2019 13:02

Tgt Ion: 91 Resp: 6242

Ion Ratio Lower Upper

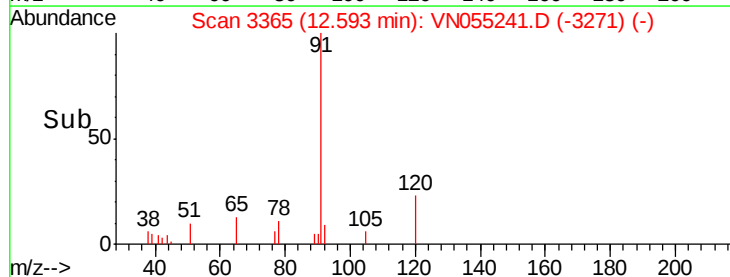
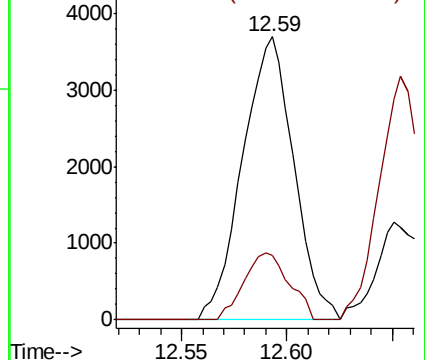
91 100

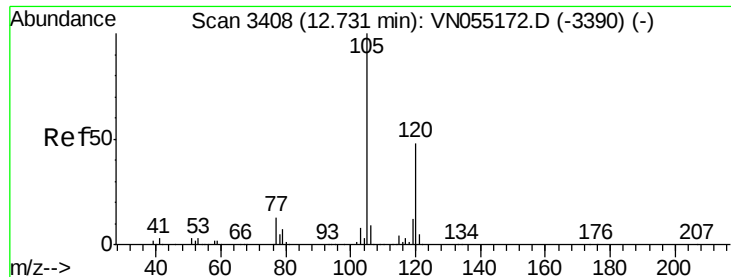
120 20.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

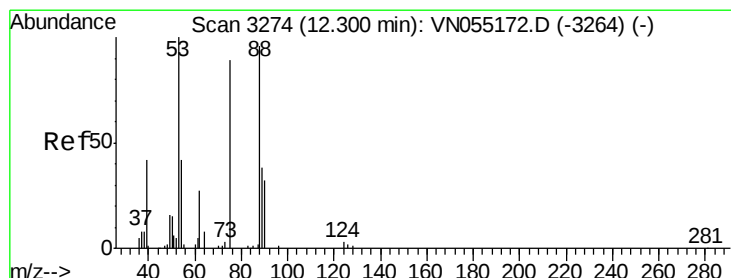
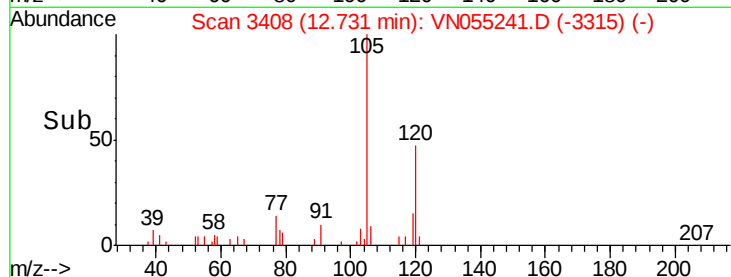
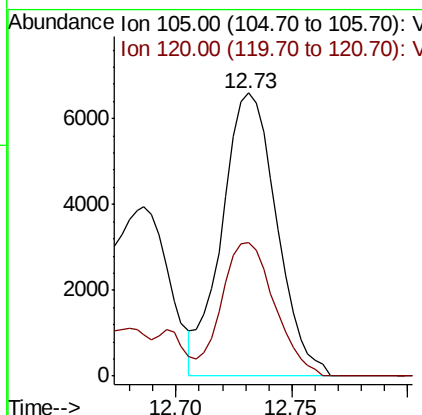
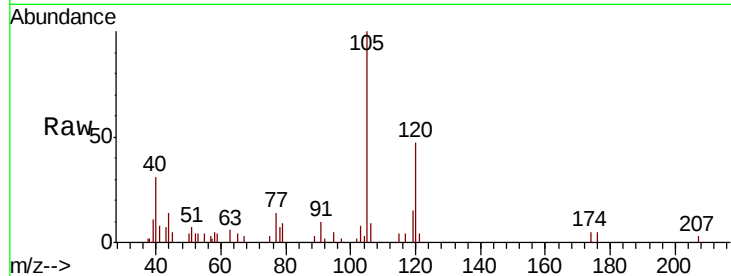




#80
 1,3,5-Trimethylbenzene
 Concen: 0.739 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

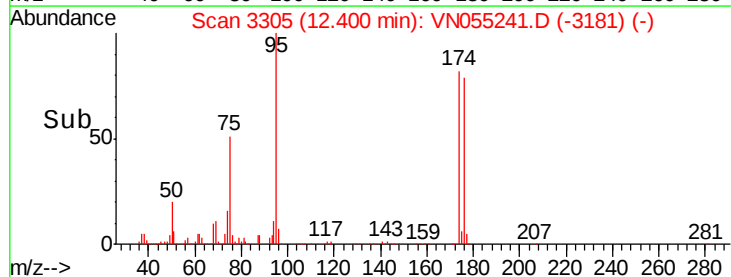
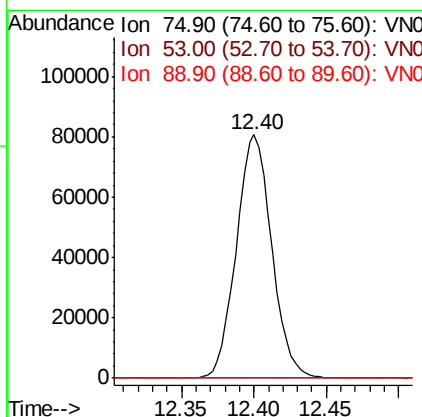
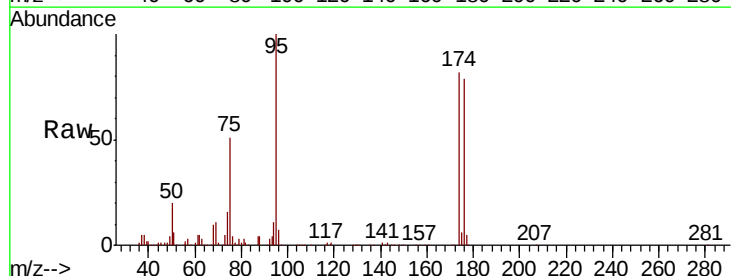
Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

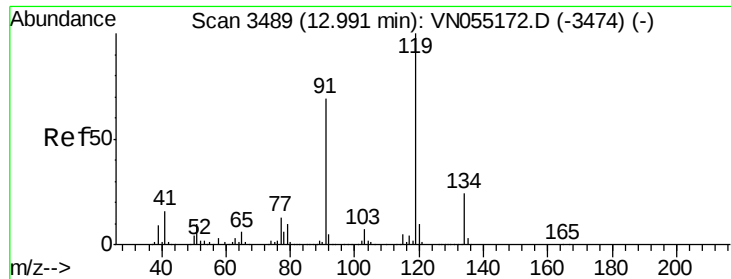
Tot Ion:105 Resp: 10818
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.714 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion: 75 Resp: 136869
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.1 36.7 55.1#

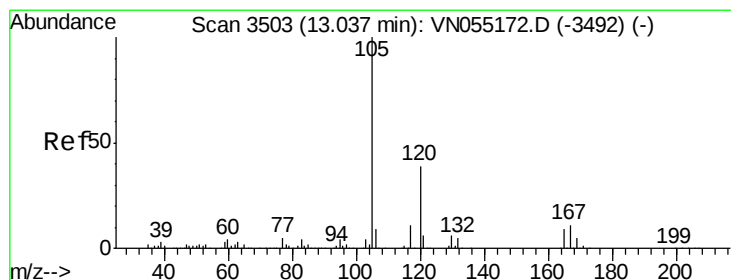
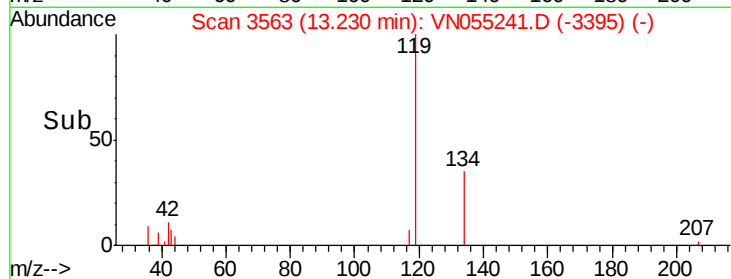
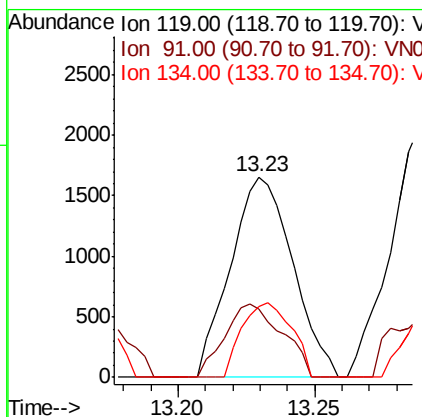
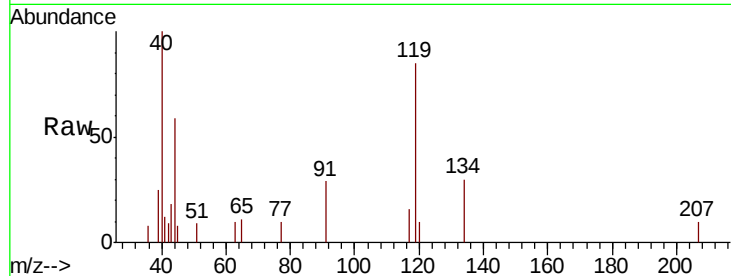




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.23 min Scan# 3563
 Delta R.T. 0.24 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

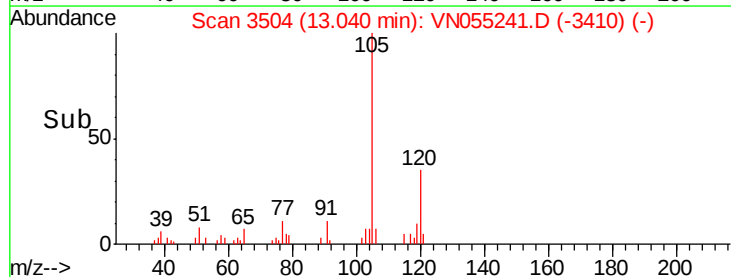
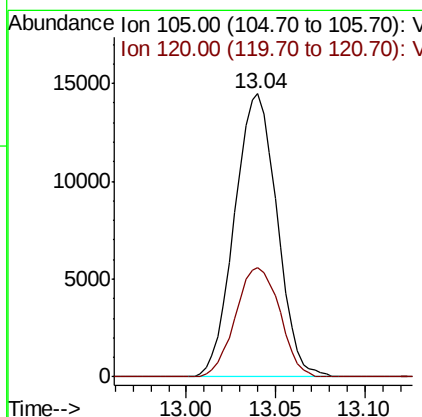
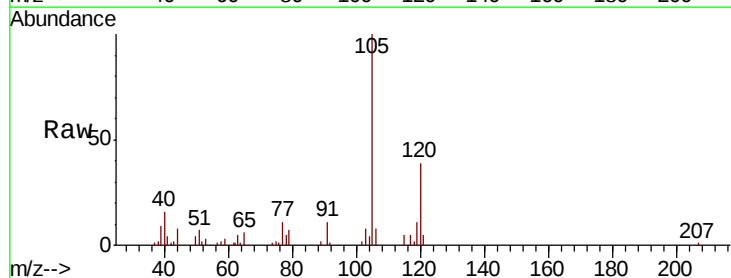
Instrument :
 MSVOA_N
 ClientSampled :
 135-20

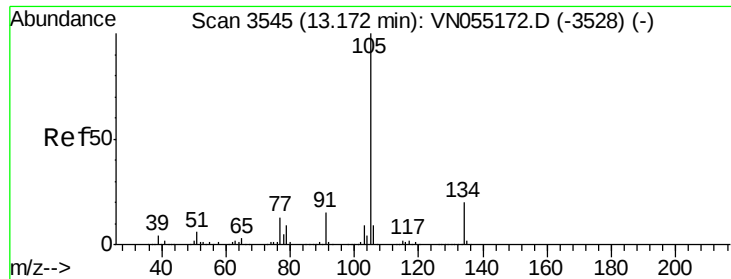
Tot Ion:119 Resp: 2622
 Ion Ratio Lower Upper
 119 100
 91 33.9 33.8 101.3
 134 29.7 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 1.739 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion:105 Resp: 24032
 Ion Ratio Lower Upper
 105 100
 120 40.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.223 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

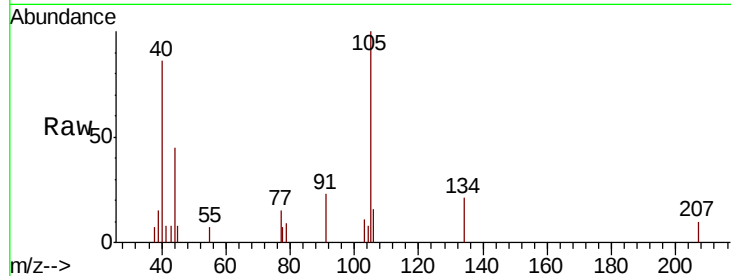
135-20

Tot Ion:105 Resp: 3703

Ion Ratio Lower Upper

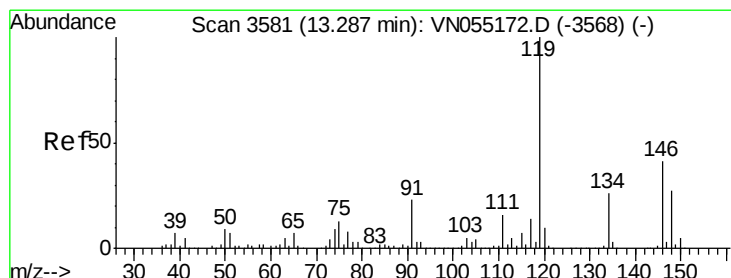
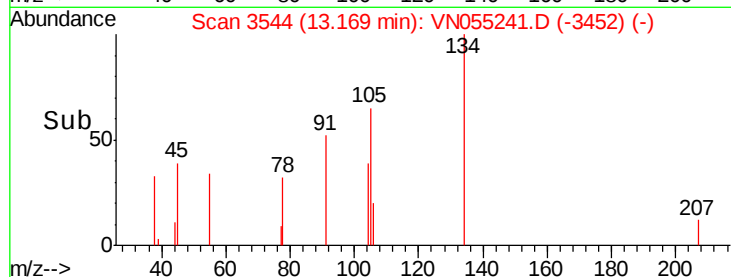
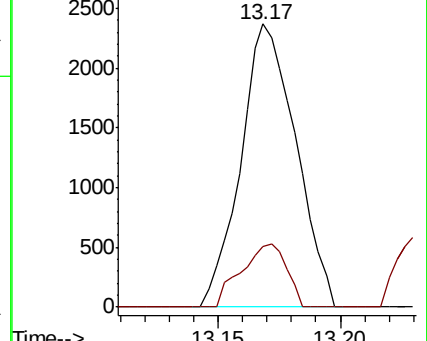
105 100

134 18.3 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.228 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

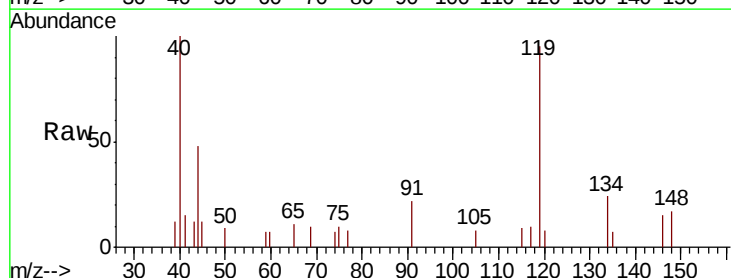
Tgt Ion:119 Resp: 3119

Ion Ratio Lower Upper

119 100

134 21.9 13.1 39.3

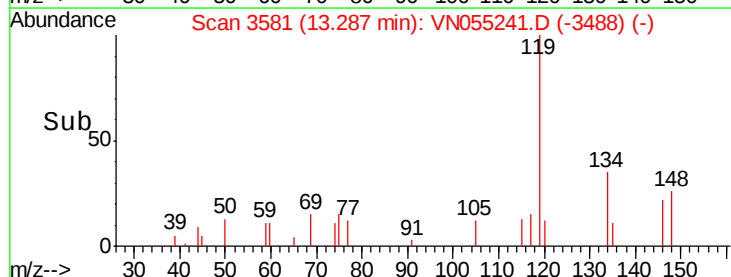
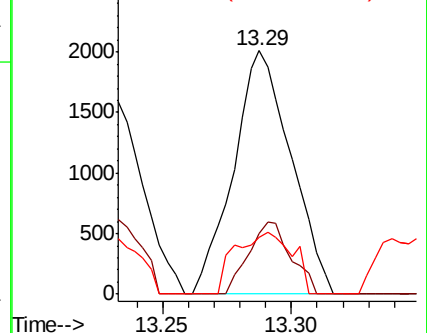
91 25.1 11.8 35.3

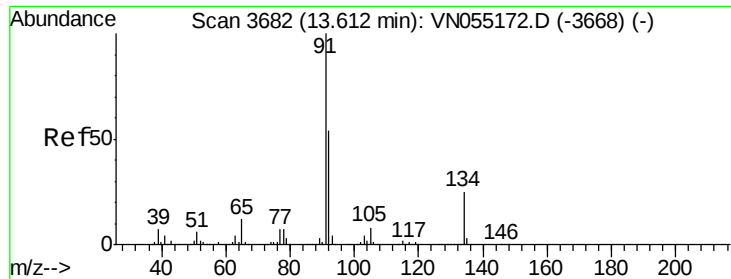


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.396 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

135-20

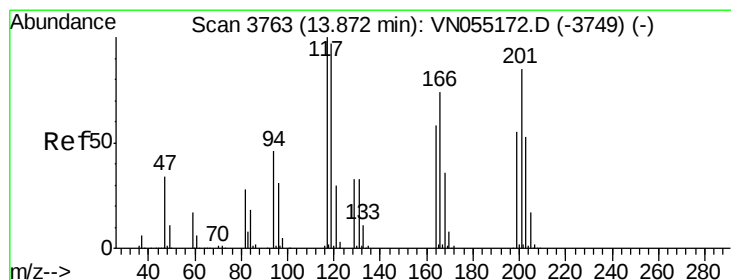
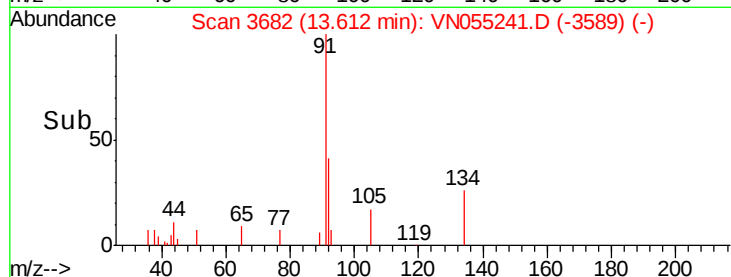
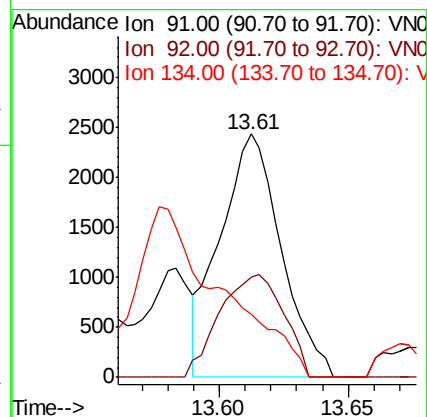
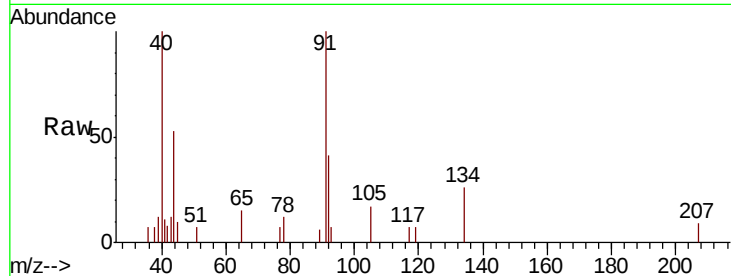
Tot Ion: 91 Resp: 4009

Ion Ratio Lower Upper

91 100

92 44.2 26.4 79.2

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 0.504 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055241.D

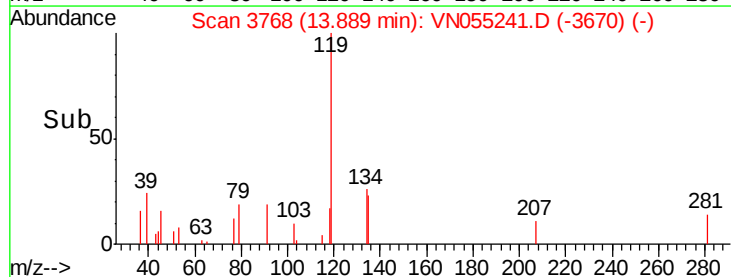
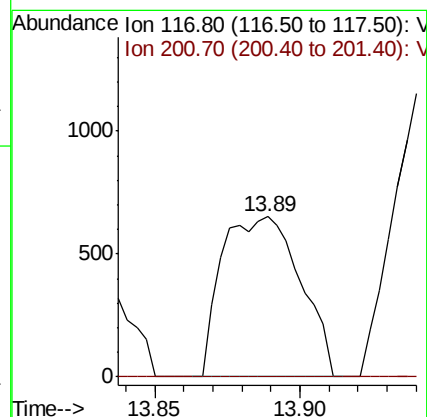
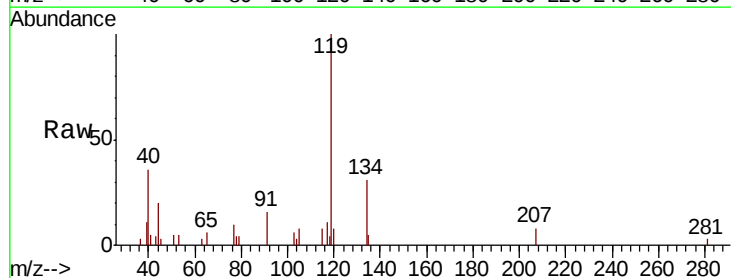
Acq: 25 Apr 2019 13:02

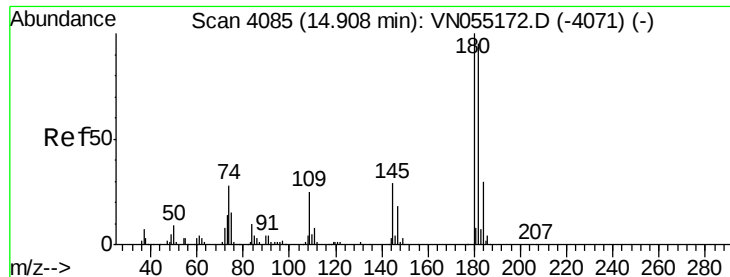
Tgt Ion: 117 Resp: 1221

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.4#

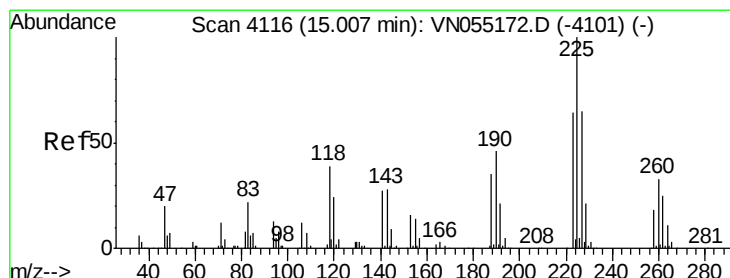
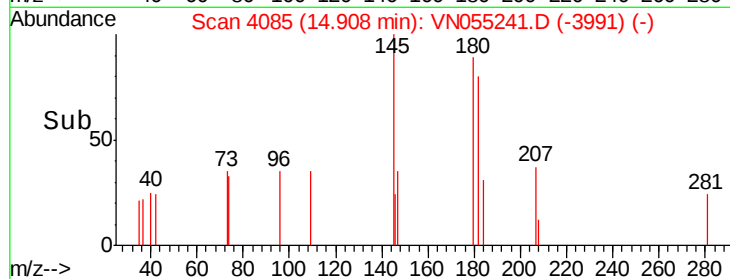
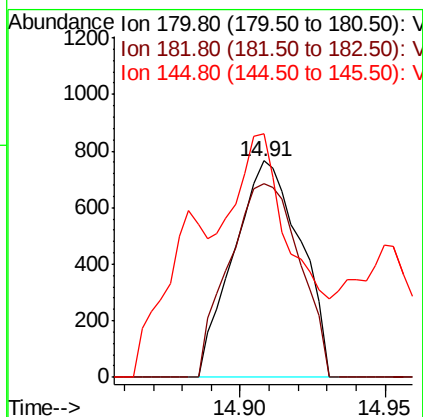
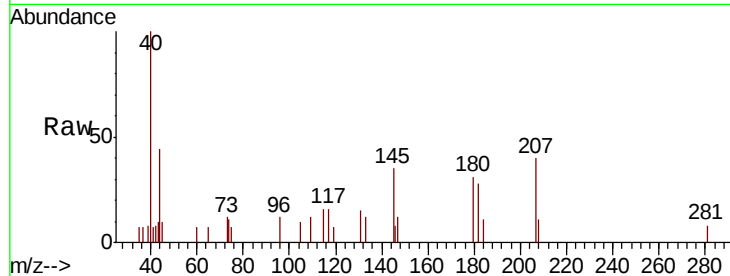




#93
 1,2,4-Trichlorobenzene
 Concen: 3.140 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

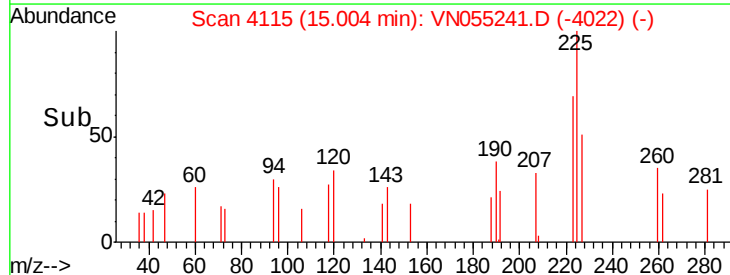
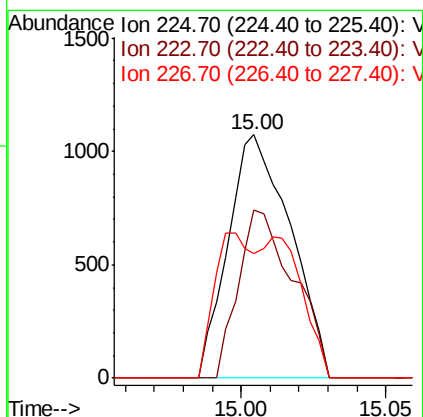
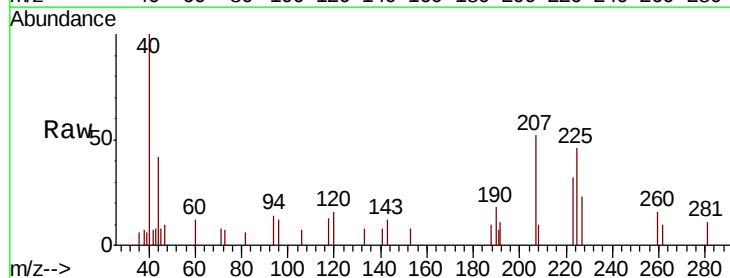
Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

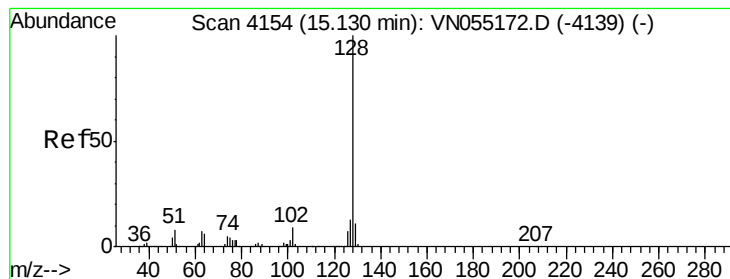
Tot Ion:180 Resp: 1223
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.4
 145 104.6 14.5 43.5#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion:225 Resp: 1605
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.2 96.6
 227 37.3 32.6 98.0





#95

Naphthalene

Concen: 7.607 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

135-20

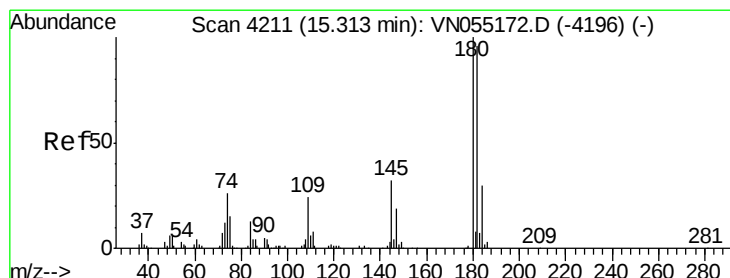
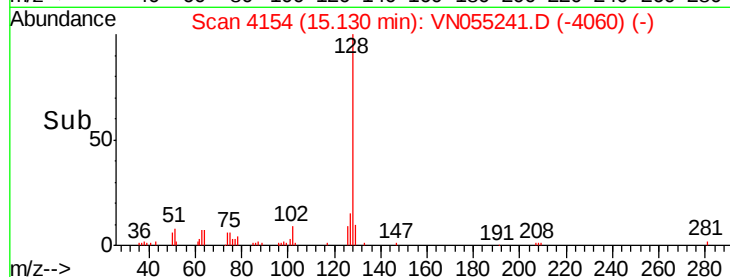
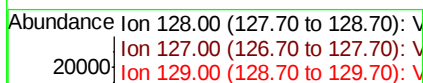
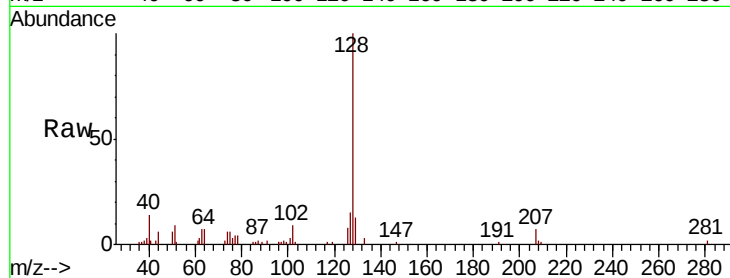
Tot Ion:128 Resp: 28451

Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 12.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 2.572 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Tgt Ion:180 Resp: 1340

Ion Ratio Lower Upper

180 100

182 89.4 47.2 141.6

145 100.4 15.4 46.1#

