

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055563.D
 Acq On : 10 May 2019 19:54
 Operator : JC/SP
 Sample : K2647-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-050919-B

Quant Time: May 11 01:00:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	862445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1454464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1233662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	593351	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.59	113	457868	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1796296	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	524759	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	

Target Compounds

					Qvalue	
13) Acrolein	3.60	56	351	0.275	ug/l #	45
16) Acetone	3.82	43	88518	14.722	ug/l	94
18) Methyl Acetate	4.34	43	13560	Below Cal	#	81
20) Methylene Chloride	4.55	84	434355	35.328	ug/l	99
25) 2-Butanone	6.85	43	8804	1.060	ug/l	92
29) Tetrahydrofuran	7.23	42	3818	0.695	ug/l #	68
30) Chloroform	7.37	83	7449	0.380	ug/l	98
31) Cyclohexane	7.67	56	17975	0.858	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	68759	4.799	ug/l #	50
37) Ethyl Acetate	6.85	43	8804	0.563	ug/l #	70
38) Carbon Tetrachloride	7.67	117	83600	6.929	ug/l #	16
43) Isopropyl Acetate	8.17	43	38137	1.606	ug/l	99
45) 1,2-Dichloropropane	9.27	63	5533	0.435	ug/l #	45
48) Methyl methacrylate	9.18	41	23001	2.010	ug/l #	16
49) 1,4-Dioxane	9.27	88	285	1.278	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	13221	0.847	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	135820	8.387	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	30434	1.664	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	388	12.583	ug/l #	52
59) 2-Hexanone	10.77	43	446311	40.749	ug/l #	53
67) Ethyl Benzene	11.51	91	62248	1.306	ug/l	96
68) m/p-Xylenes	11.62	106	100771	5.891	ug/l	99
69) o-Xylene	11.95	106	43910	2.611	ug/l	97
71) Bromoform	12.40	173	3942	0.669	ug/l #	1
73) Isopropylbenzene	12.25	105	3333	Below Cal		89
74) N-amyl acetate	11.88	43	41573	2.844	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.41	83	302	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	265444	25.321	ug/l #	100
78) n-propylbenzene	12.59	91	17589	0.426	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	63270	2.054	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	265444	93.431	ug/l #	7
82) 4-Chlorotoluene	12.73	91	6268	0.258	ug/l #	43
83) tert-Butylbenzene	13.04	119	32061	1.215	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	254064	8.995	ug/l	100

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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

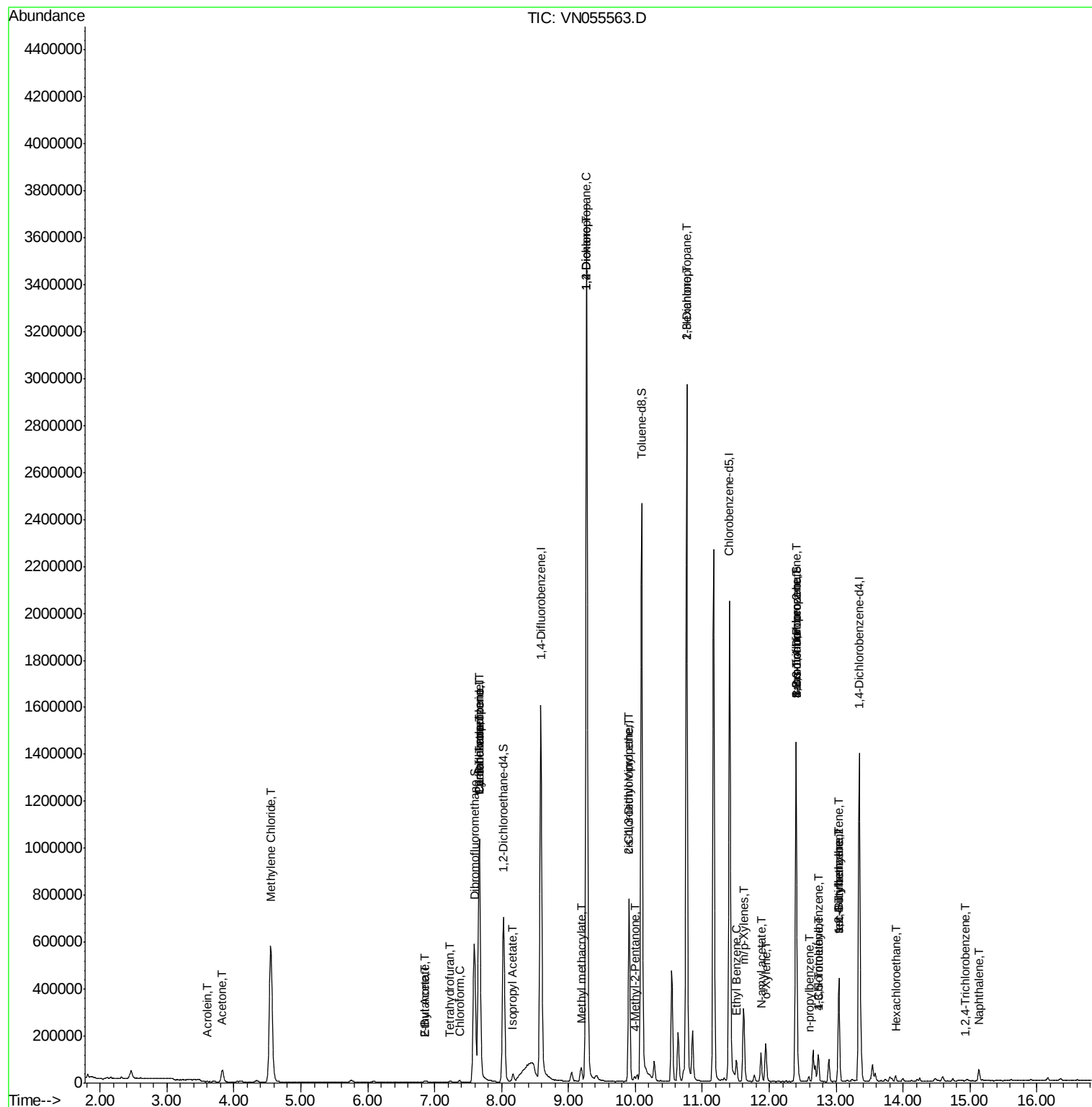
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.04	105	254064	7.242	ug/l #	59
90) Hexachloroethane	13.89	117	1572	0.338	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.92	180	170	3.233	ug/l #	43
95) Naphthalene	15.13	128	41392	5.364	ug/l	98

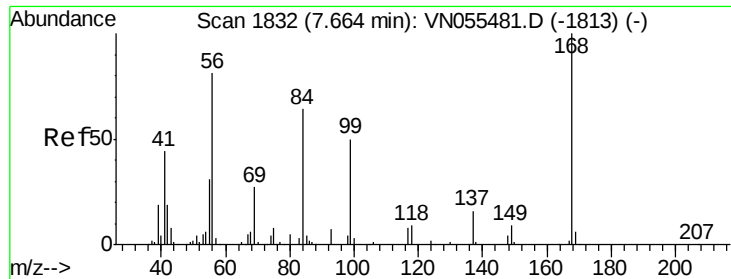
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

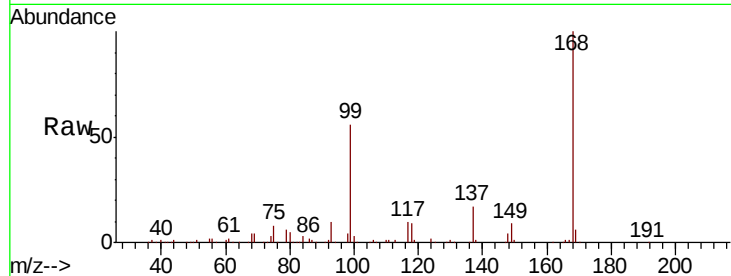
SU-02-050919-B

Tot Ion:168 Resp: 862445

Ion Ratio Lower Upper

168 100

99 56.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055563.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055563.D (-1739) (-)

7.67

400000

300000

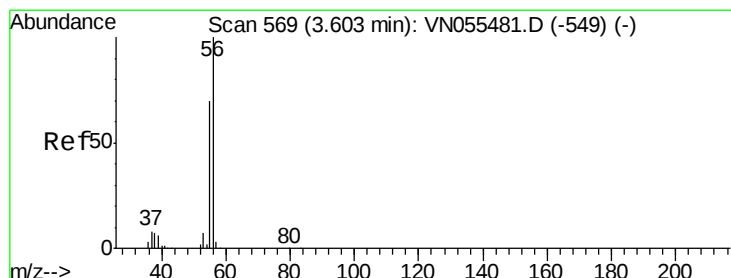
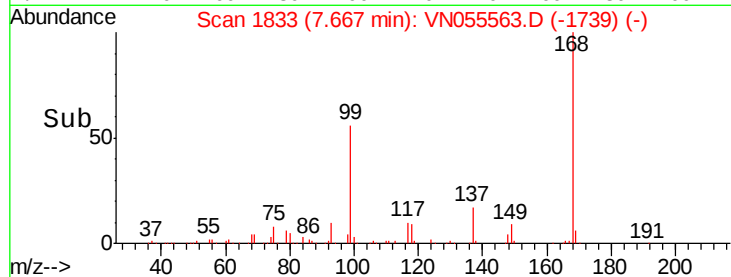
200000

100000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.275 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN055563.D

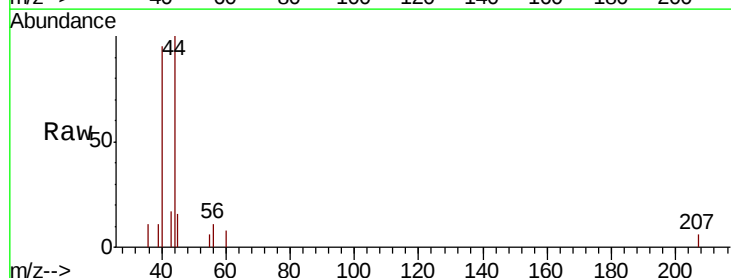
Acq: 10 May 2019 19:54

Tgt Ion: 56 Resp: 351

Ion Ratio Lower Upper

56 100

55 26.2 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN055563.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN055563.D (-476) (-)

3.60

300

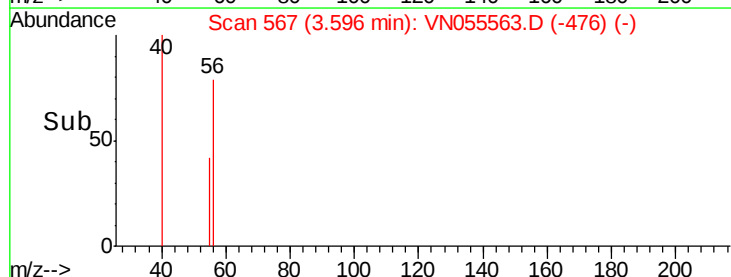
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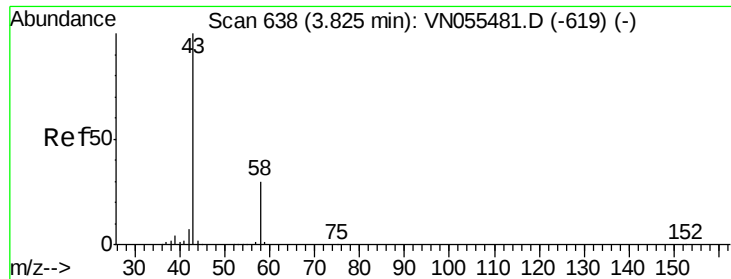
100

0

3.58 3.60 3.62

Time-->





#16

Acetone

Concen: 14.722 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

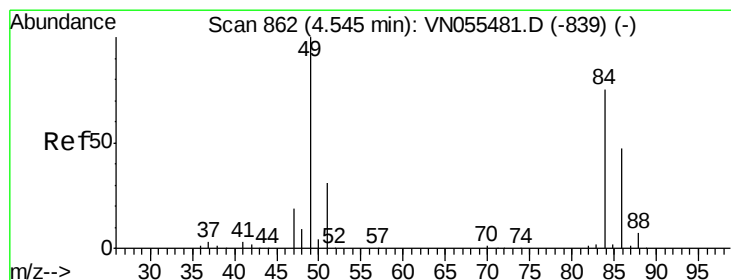
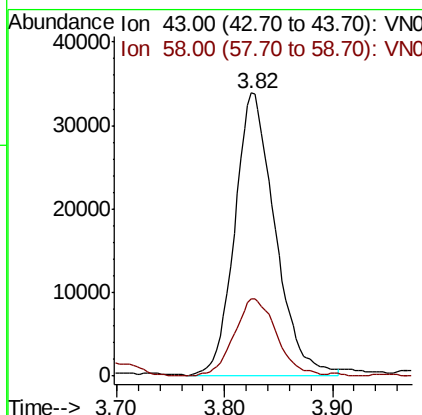
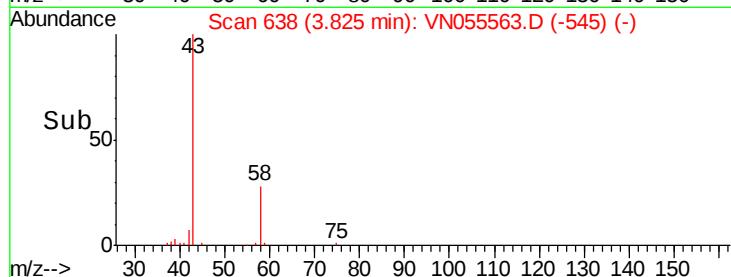
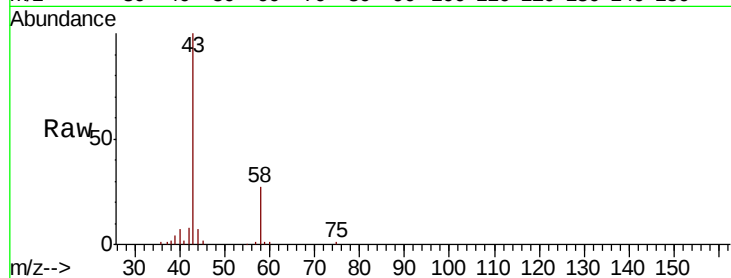
SU-02-050919-B

Tot Ion: 43 Resp: 88518

Ion Ratio Lower Upper

43 100

58 27.1 24.2 36.2



#20

Methylene Chloride

Concen: 35.328 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Tgt Ion: 84 Resp: 434355

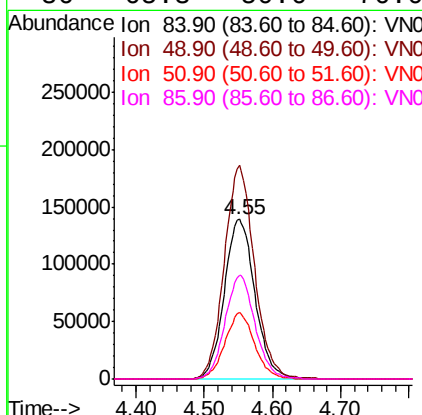
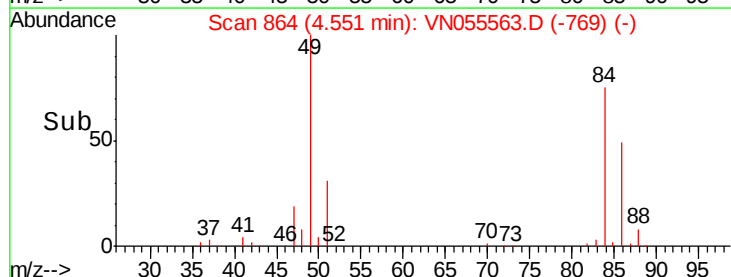
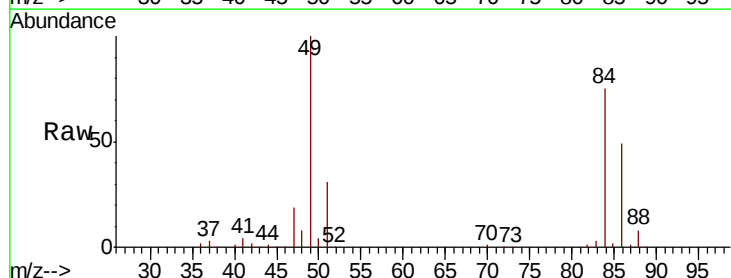
Ion Ratio Lower Upper

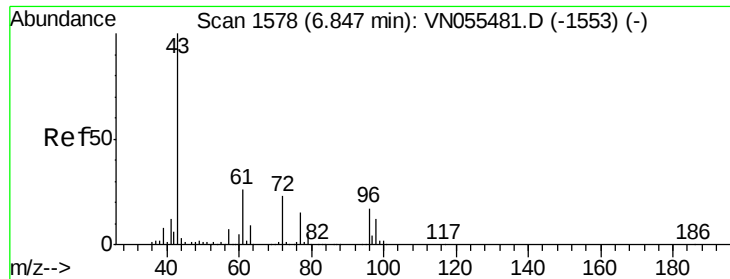
84 100

49 133.9 107.0 160.6

51 41.8 33.0 49.4

86 65.3 50.6 76.0

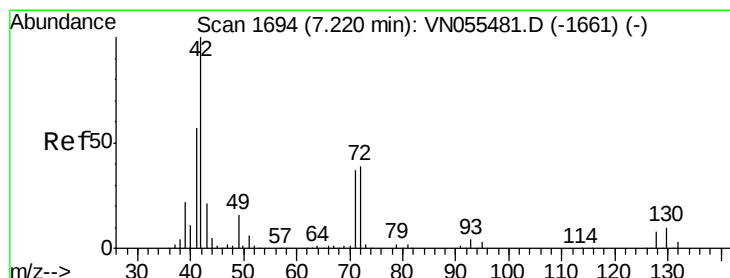
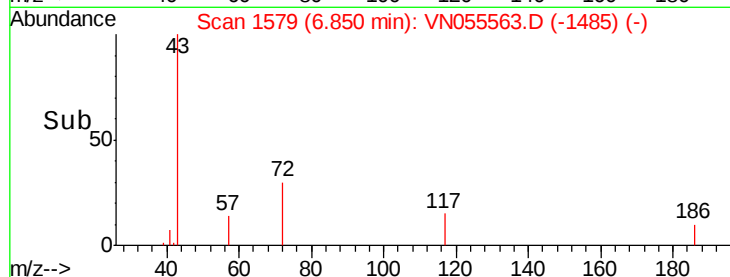
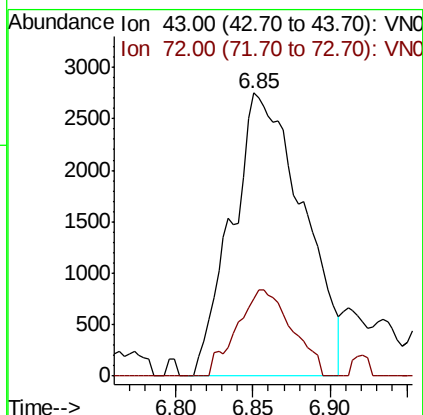
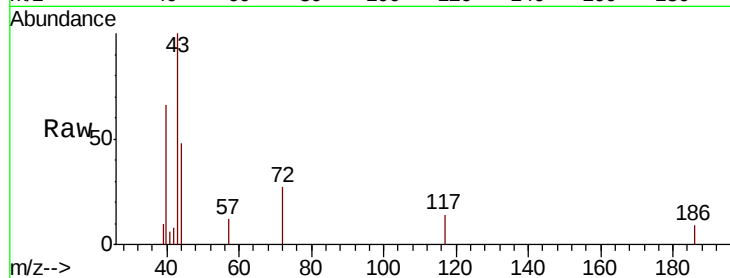




#25
2-Butanone
Concen: 1.060 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

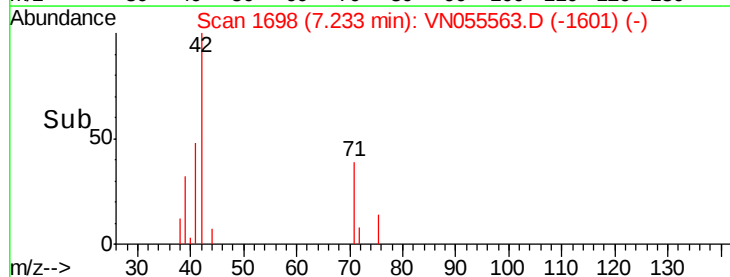
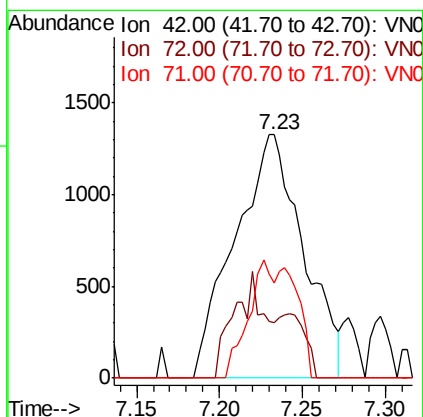
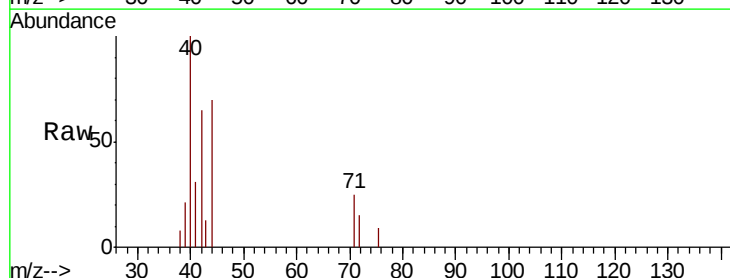
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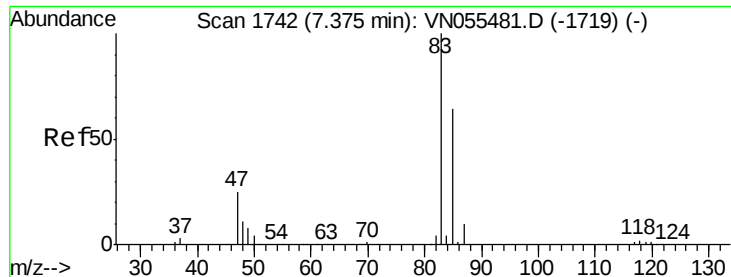
Tot Ion: 43 Resp: 8804
Ion Ratio Lower Upper
43 100
72 27.1 18.6 27.8



#29
Tetrahydrofuran
Concen: 0.695 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 42 Resp: 3818
Ion Ratio Lower Upper
42 100
72 19.5 31.0 46.6#
71 18.0 29.4 44.2#

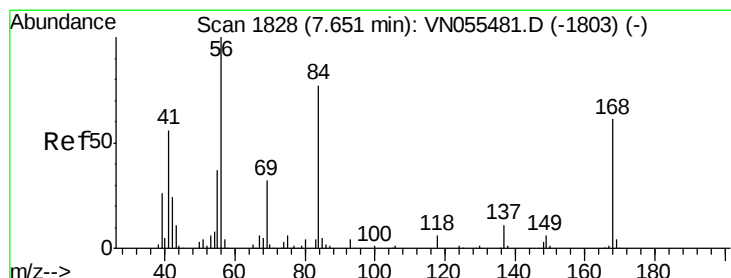
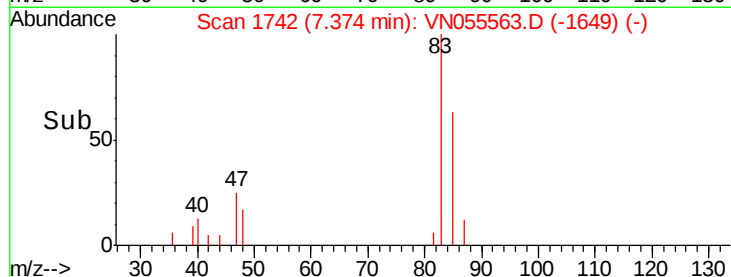
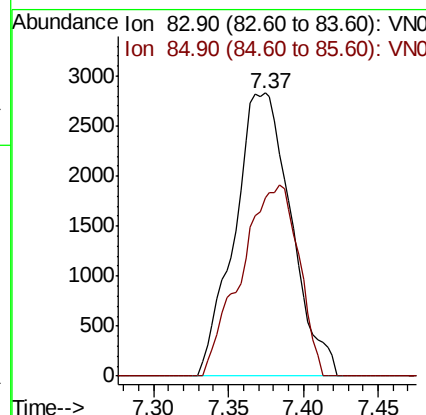
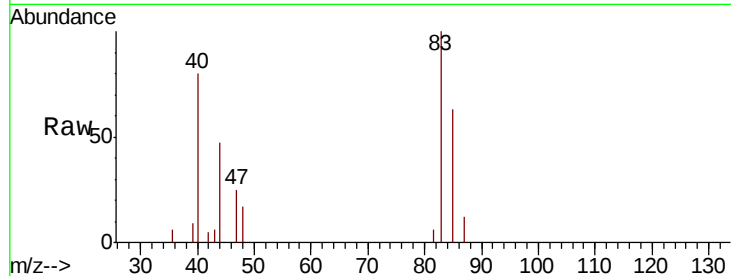




#30
Chloroform
Concen: 0.380 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

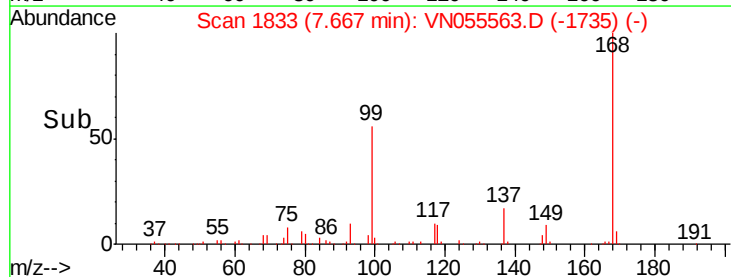
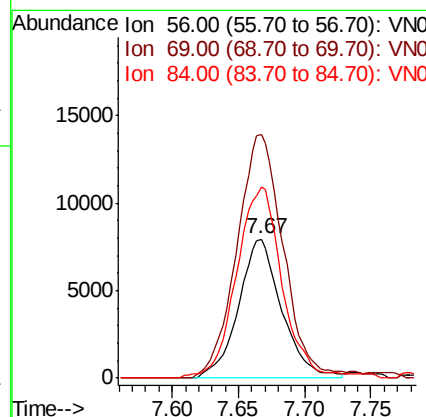
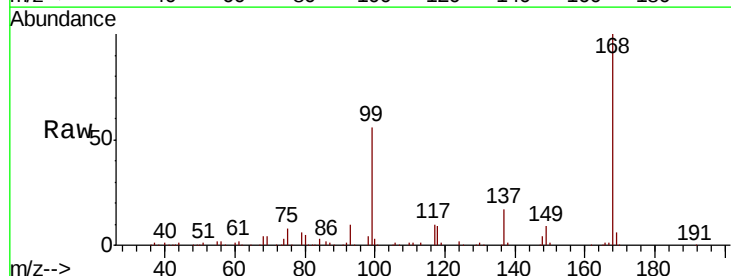
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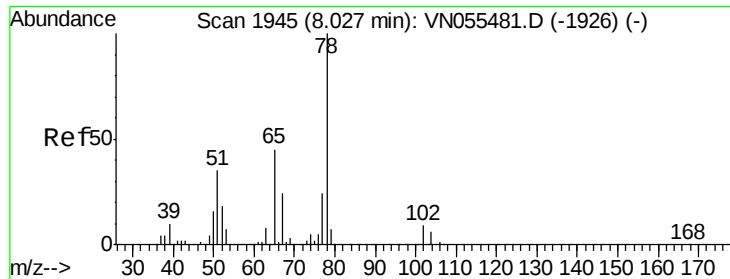
Tot Ion: 83 Resp: 7449
Ion Ratio Lower Upper
83 100
85 62.9 51.3 76.9



#31
Cyclohexane
Concen: 0.858 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 56 Resp: 17975
Ion Ratio Lower Upper
56 100
69 175.6 26.0 39.0#
84 135.4 61.9 92.9#





#33

1,2-Dichloroethane-d4

Concen: 45.693 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

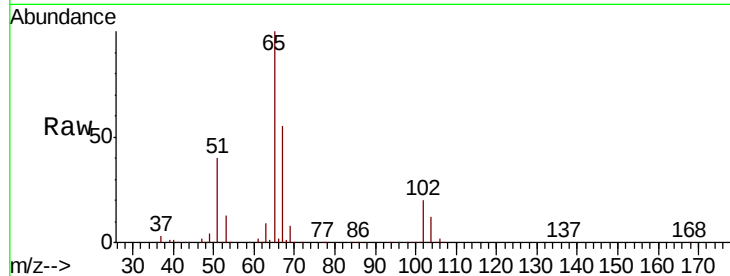
SU-02-050919-B

Tot Ion: 65 Resp: 593351

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

150000

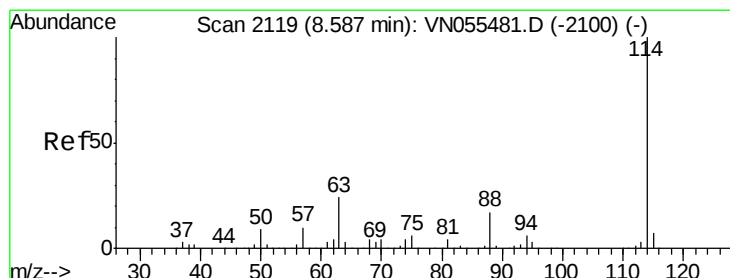
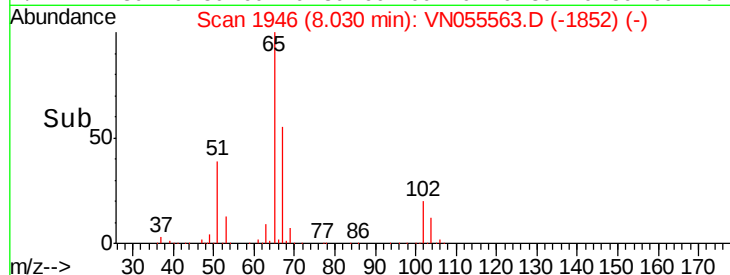
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

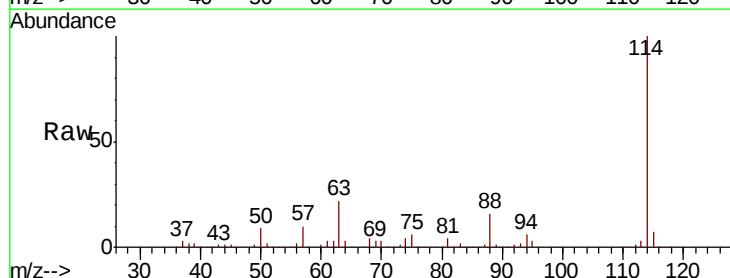
Tgt Ion: 114 Resp: 1454464

Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.4

88 16.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

800000

600000

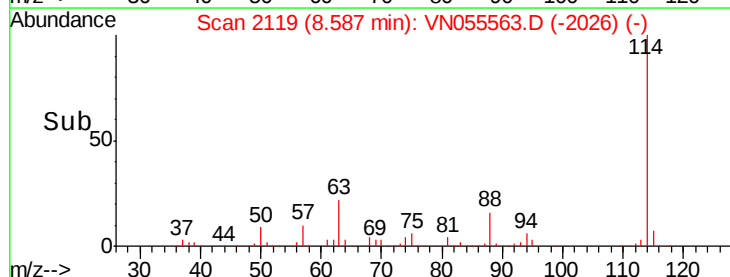
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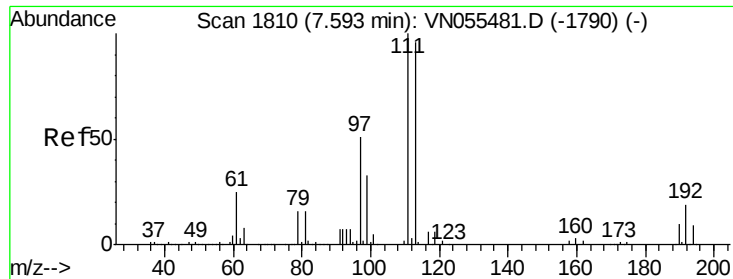
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0

Time-->

8.50 8.60 8.70

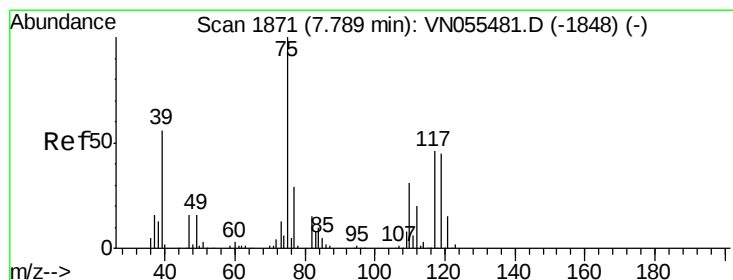
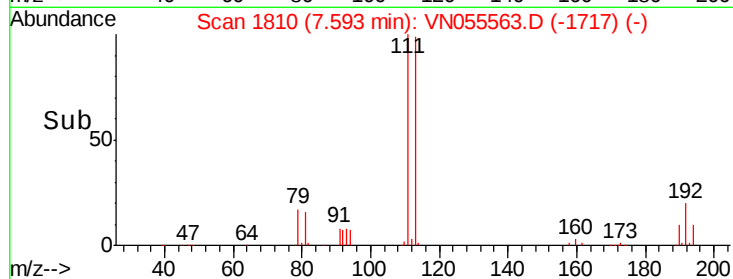
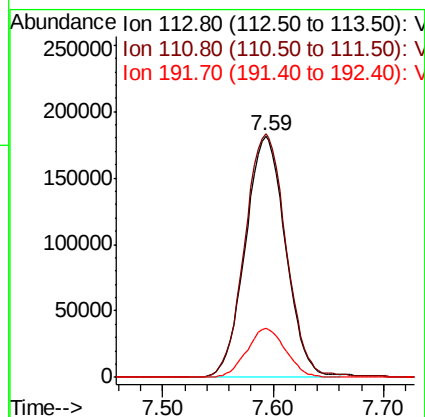
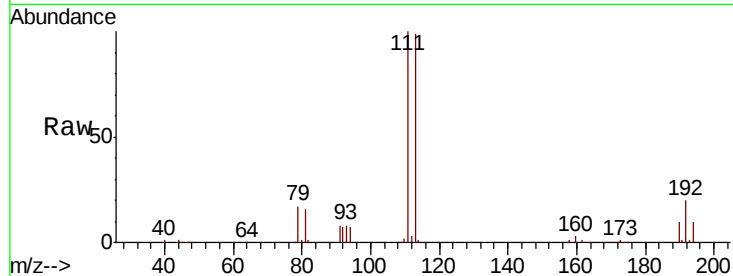




#35
 Dibromofluoromethane
 Concen: 48.801 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055563.D
 Acq: 10 May 2019 19:54

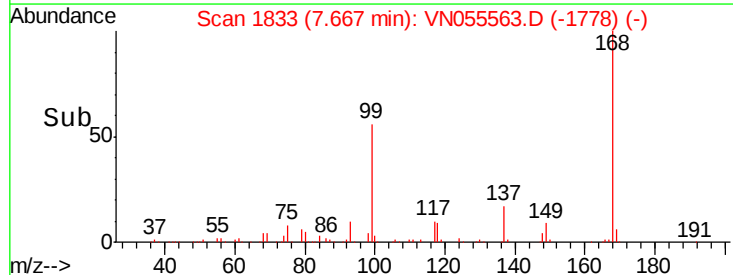
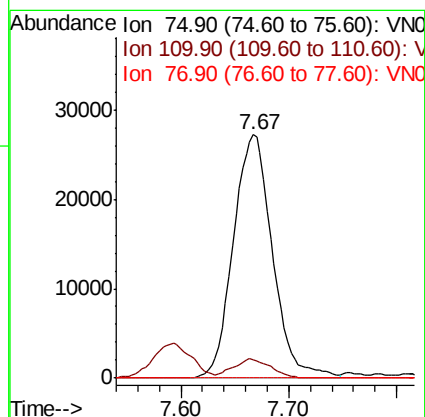
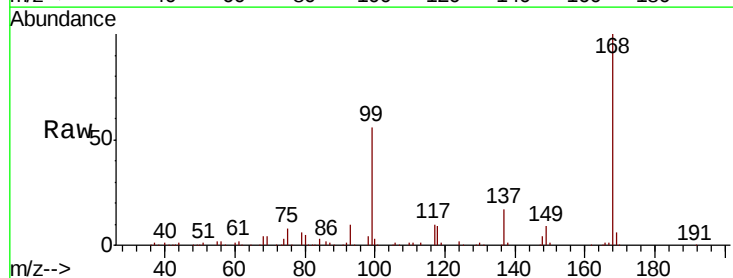
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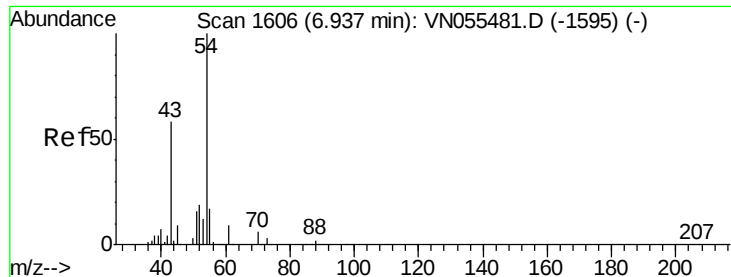
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	19.8	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055563.D
 Acq: 10 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.1	48.3#
77	0.0	24.6	37.0#

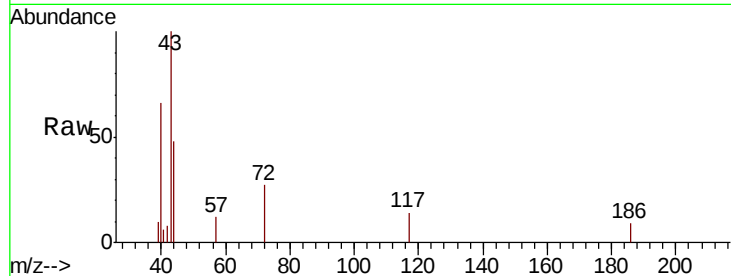




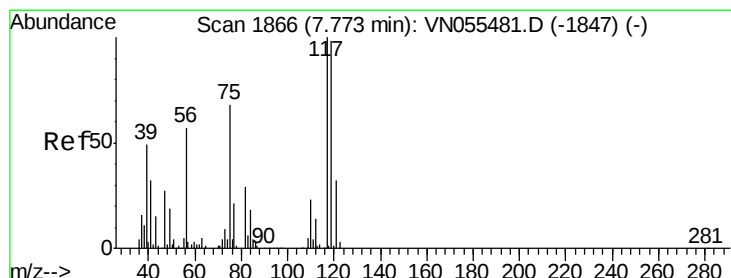
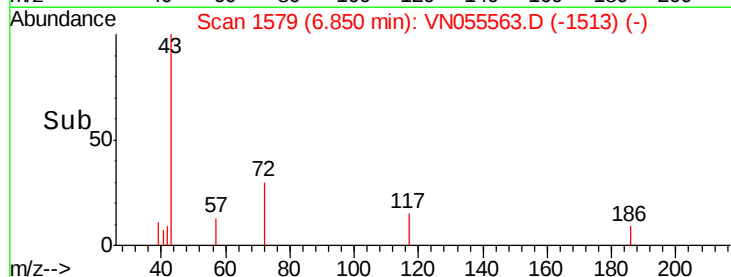
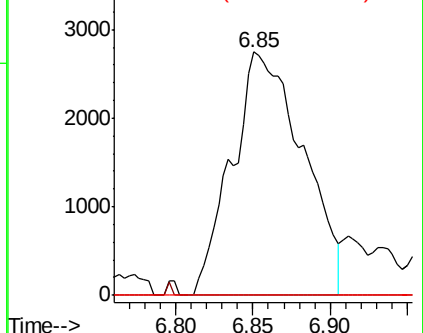
#37
Ethyl Acetate
Concen: 0.563 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.09 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tot Ion: 43 Resp: 8804
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 7.0 10.6#

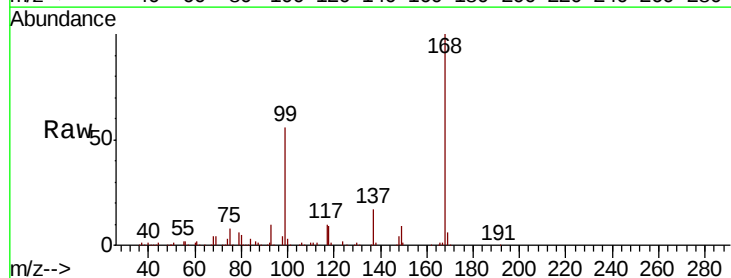


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

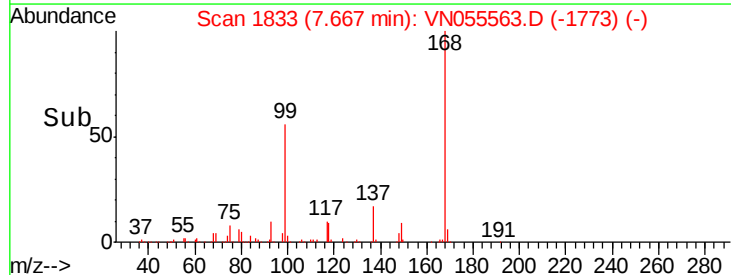
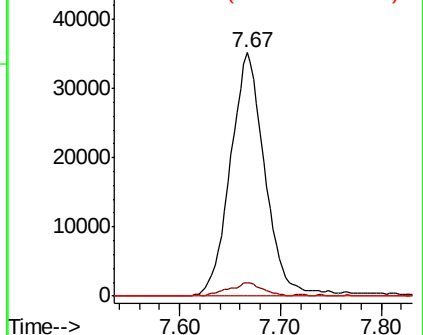


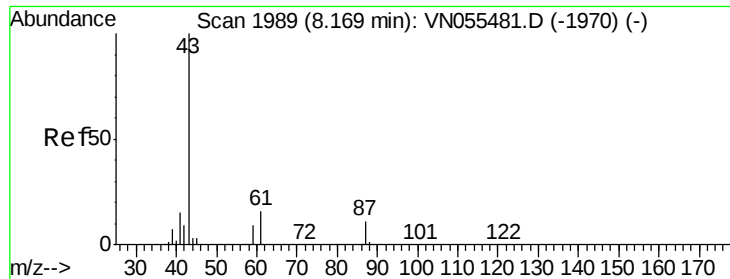
#38
Carbon Tetrachloride
Concen: 6.929 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 117 Resp: 83600
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.6#
121 0.0 25.2 37.8#



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: 1.606 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

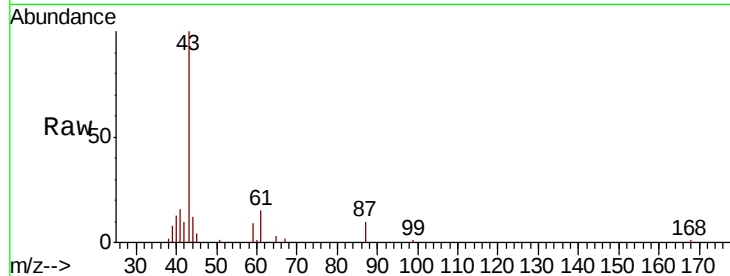
Tot Ion: 43 Resp: 38137

Ion Ratio Lower Upper

43 100

61 18.3 15.1 22.7

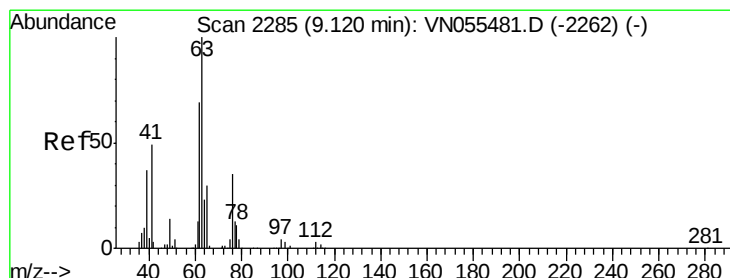
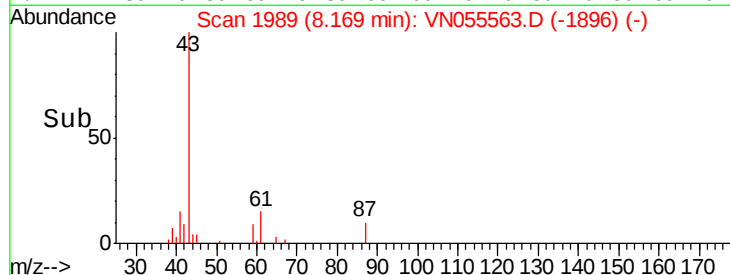
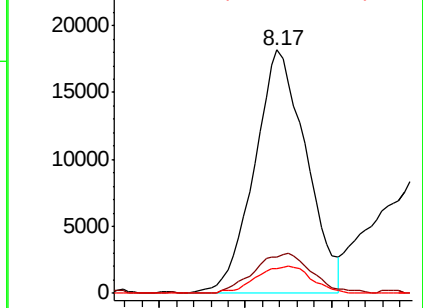
87 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055563.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055563.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055563.D (-1896) (-)



#45

1,2-Dichloropropane

Concen: 0.435 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055563.D

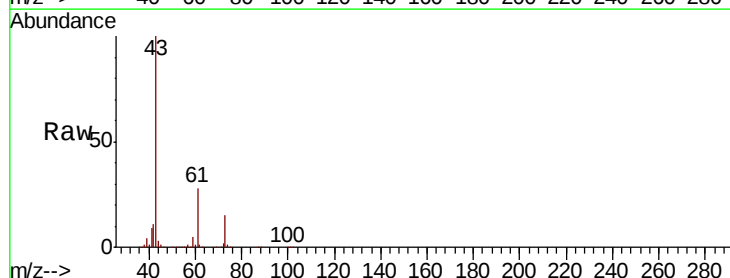
Acq: 10 May 2019 19:54

Tgt Ion: 63 Resp: 5533

Ion Ratio Lower Upper

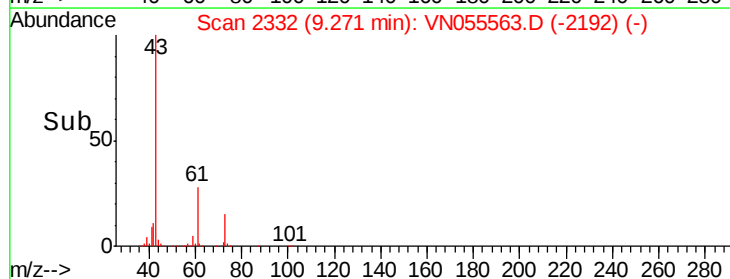
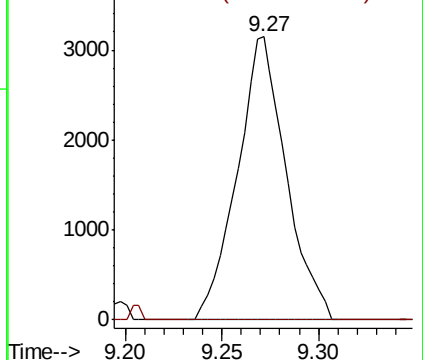
63 100

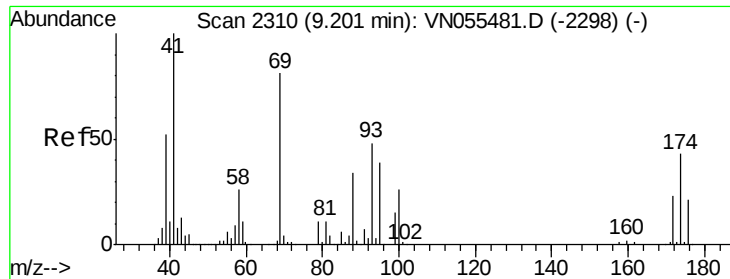
65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VN055563.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN055563.D (-2192) (-)

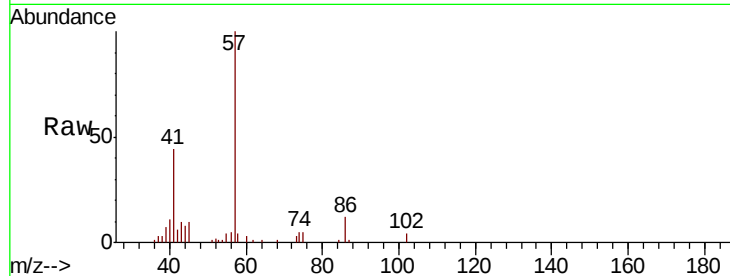




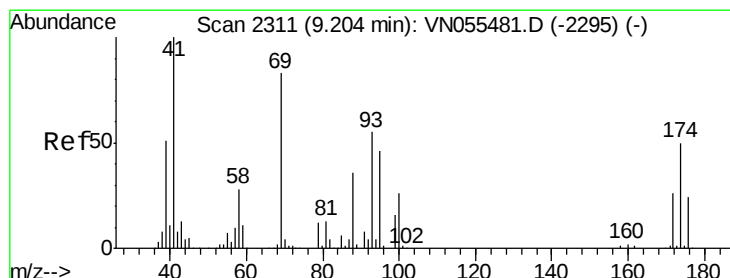
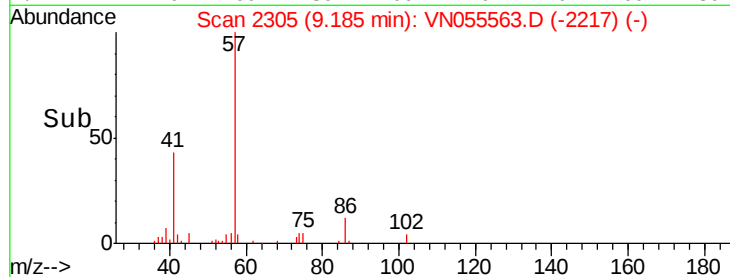
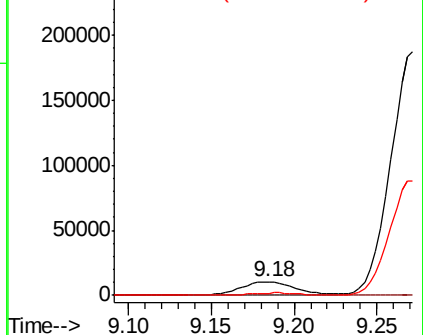
#48
Methyl methacrylate
Concen: 2.010 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

Tot Ion: 41 Resp: 23001
Ion Ratio Lower Upper
41 100
69 0.0 64.2 96.2#
39 0.0 41.6 62.4#

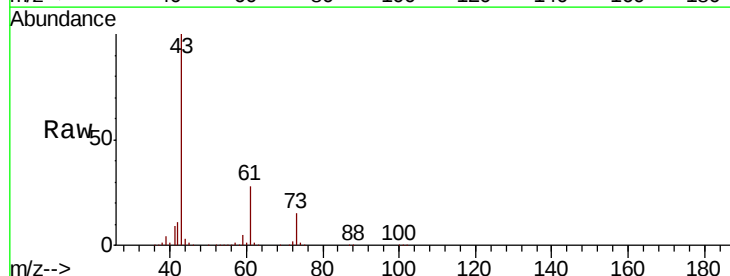


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

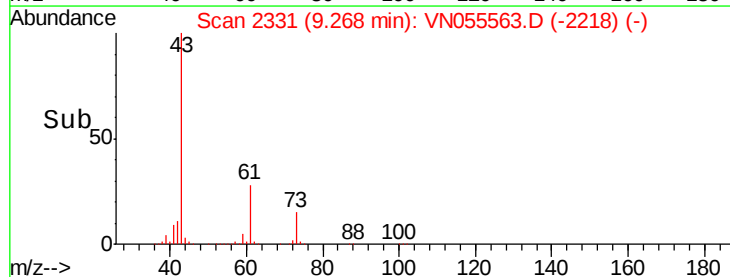
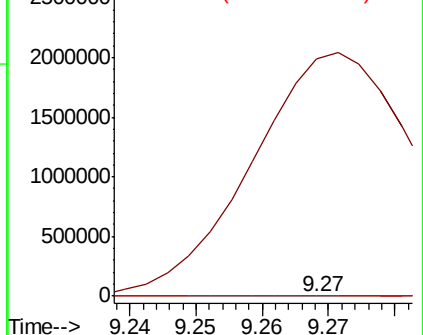


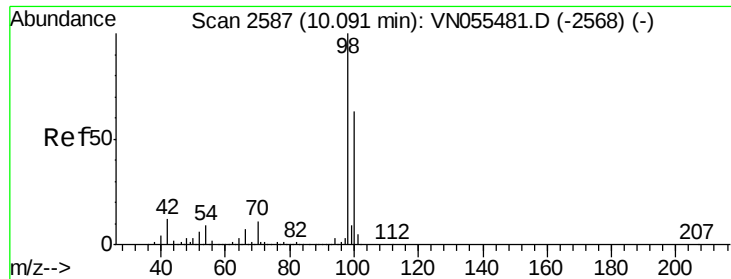
#49
1,4-Dioxane
Concen: 1.278 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 88 Resp: 285
Ion Ratio Lower Upper
88 100
43 1314361.1 27.8 41.8#
58 5813.3 61.8 92.6#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 49.129 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

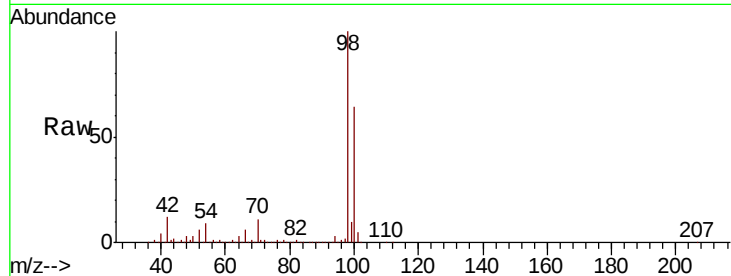
SU-02-050919-B

Tot Ion: 98 Resp: 1796296

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)

10.09

800000

600000

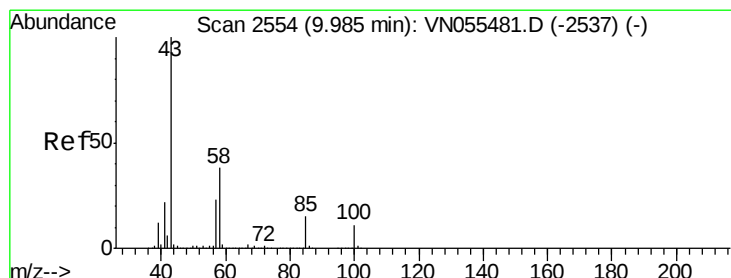
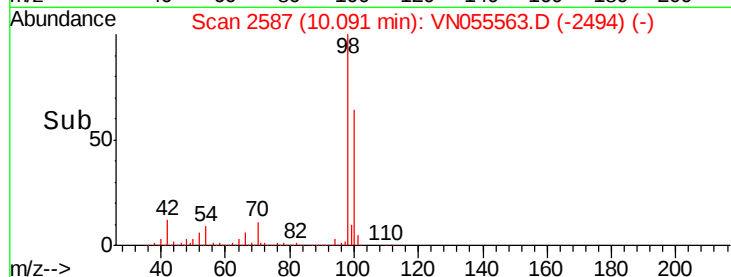
400000

200000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.847 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055563.D

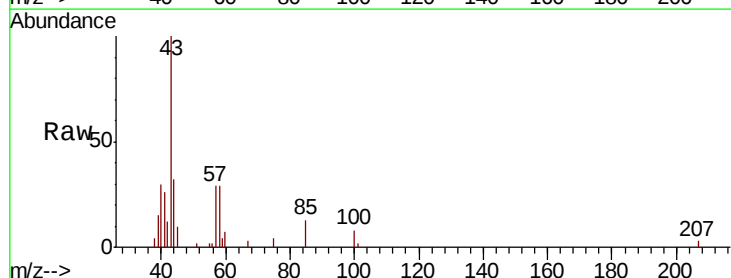
Acq: 10 May 2019 19:54

Tgt Ion: 43 Resp: 13221

Ion Ratio Lower Upper

43 100

58 41.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-2537) (-)

15000

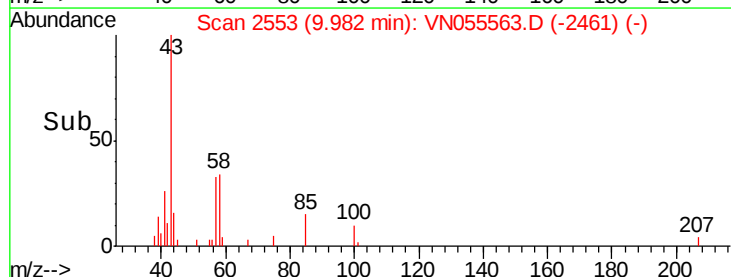
10000

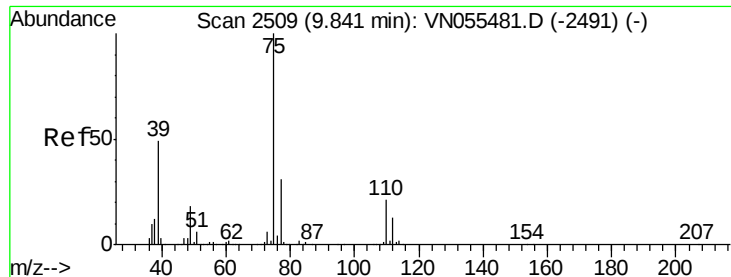
5000

0

9.96 9.98 10.00

Time-->





#54

cis-1,3-Dichloropropene

Concen: 8.387 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

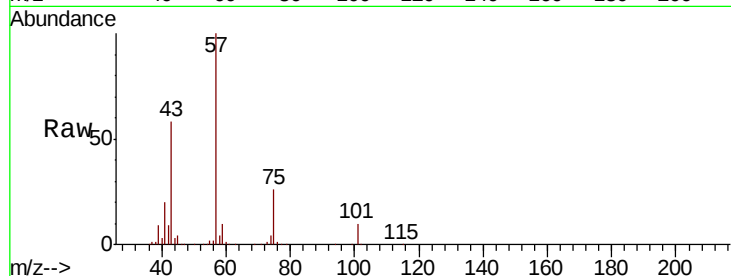
Tot Ion: 75 Resp: 135820

Ion Ratio Lower Upper

75 100

77 0.6 24.4 36.6#

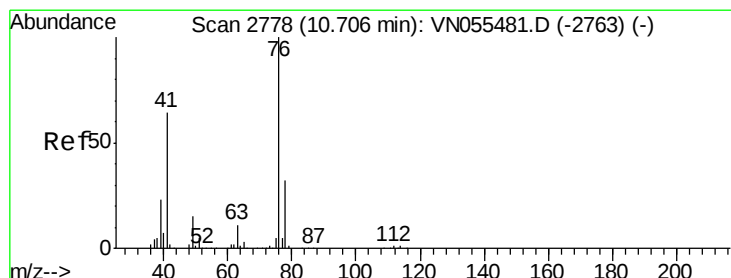
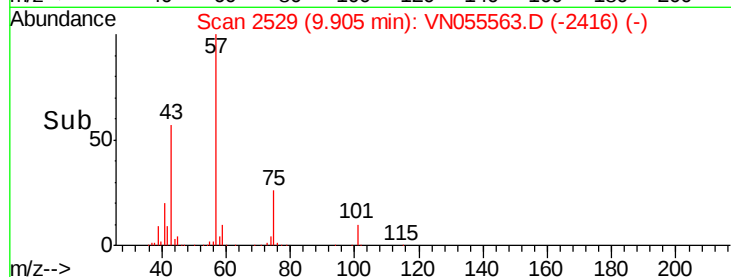
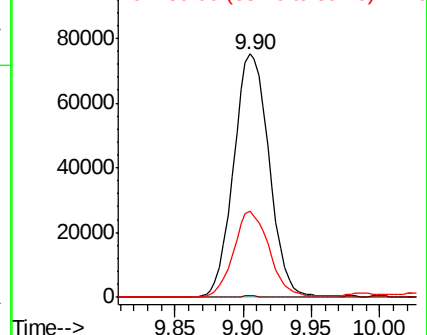
39 34.9 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.664 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055563.D

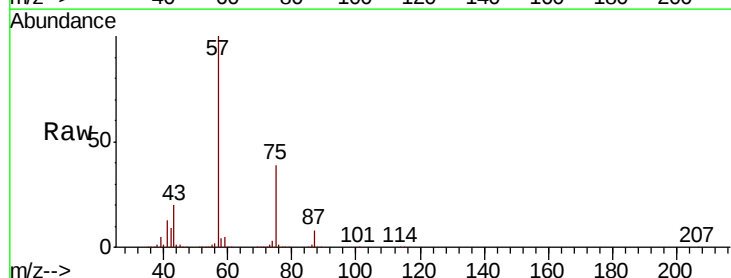
Acq: 10 May 2019 19:54

Tgt Ion: 76 Resp: 30434

Ion Ratio Lower Upper

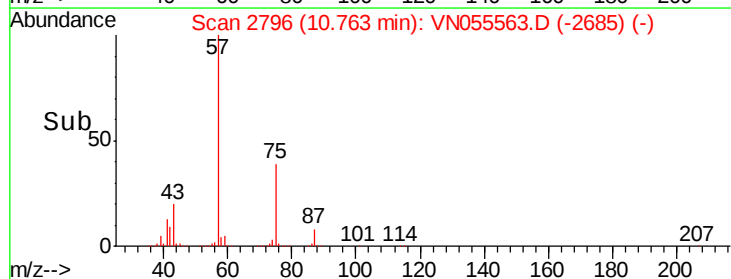
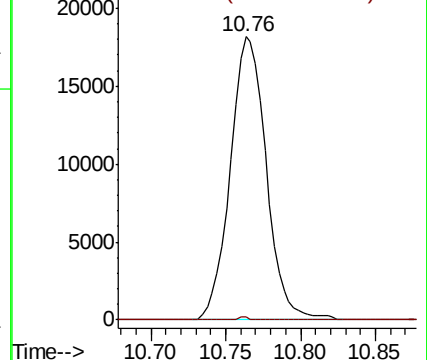
76 100

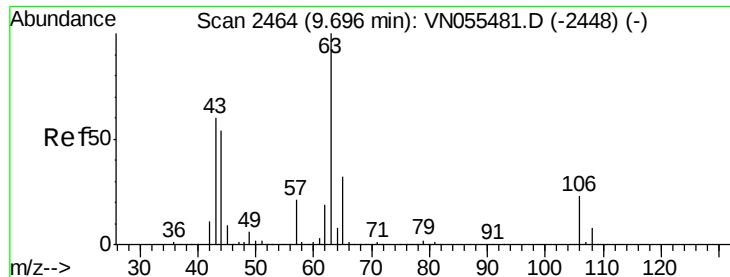
78 0.2 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

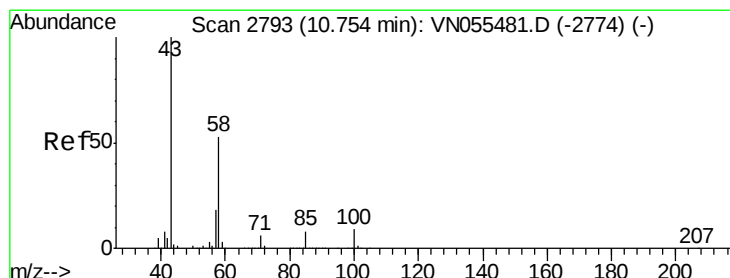
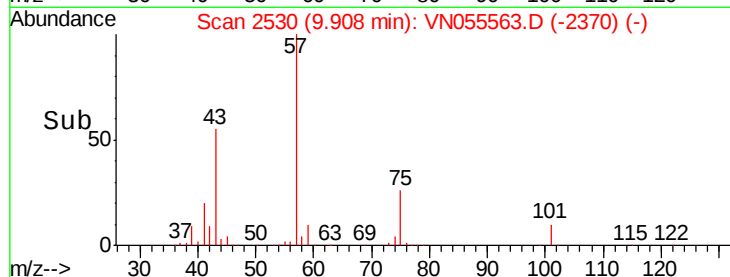
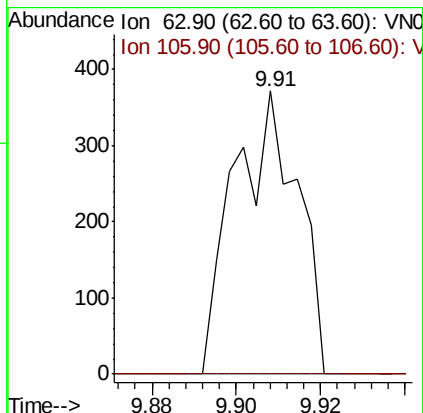
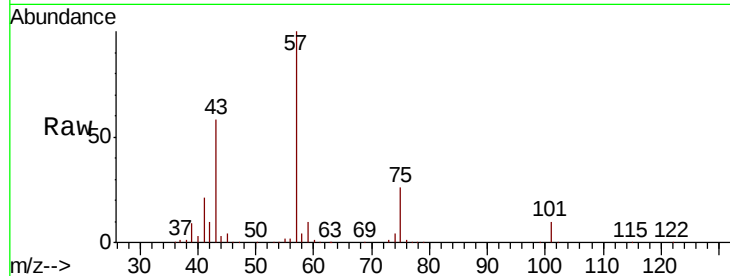




#58
2-Chloroethyl Vinyl ether
Concen: 12.583 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.21 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

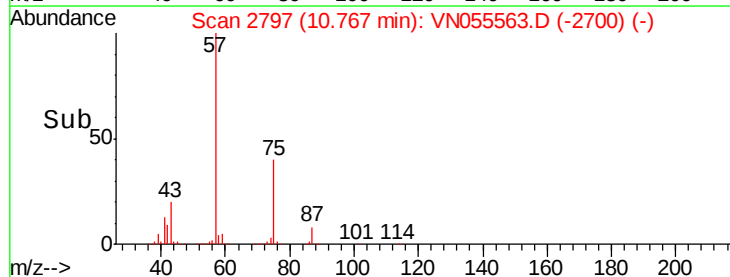
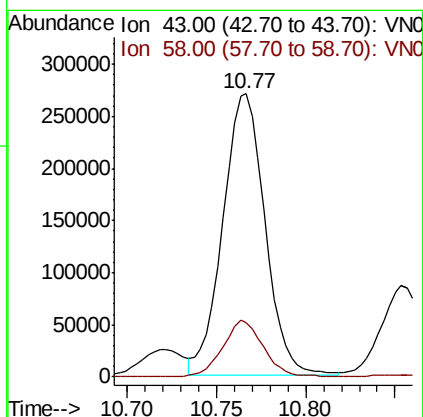
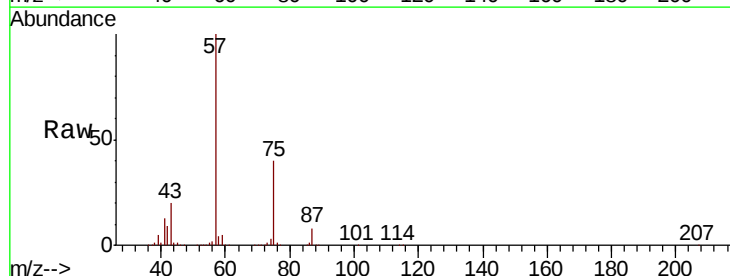
Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

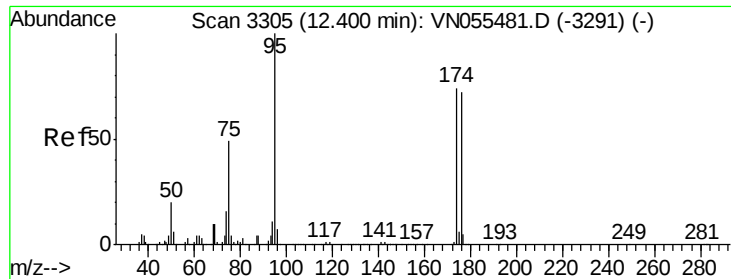
Tot Ion: 63 Resp: 388
Ion Ratio Lower Upper
63 100
106 0.0 18.6 27.8#



#59
2-Hexanone
Concen: 40.749 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion: 43 Resp: 446311
Ion Ratio Lower Upper
43 100
58 19.4 26.4 79.0#





#62

4-Bromofluorobenzene

Concen: 42.565 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

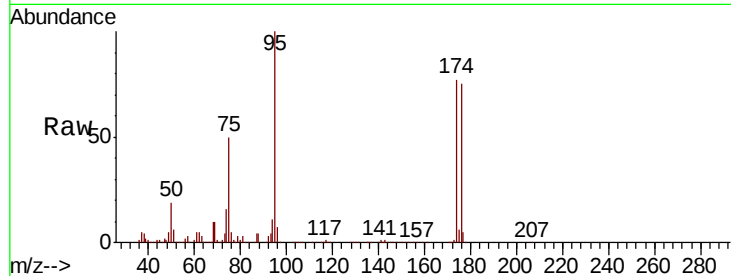
Tot Ion: 95 Resp: 524759

Ion Ratio Lower Upper

95 100

174 78.5 0.0 152.2

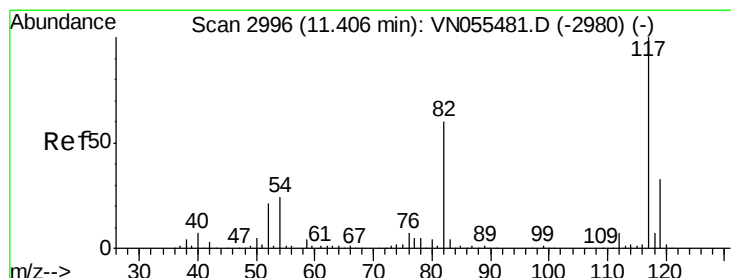
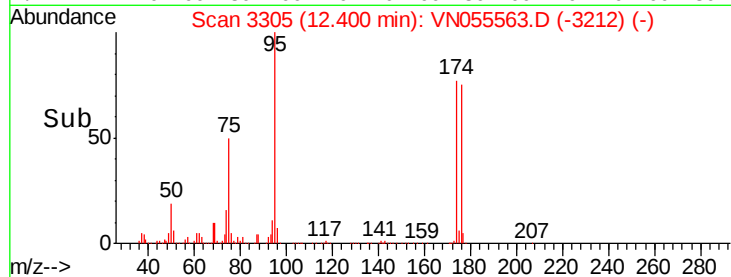
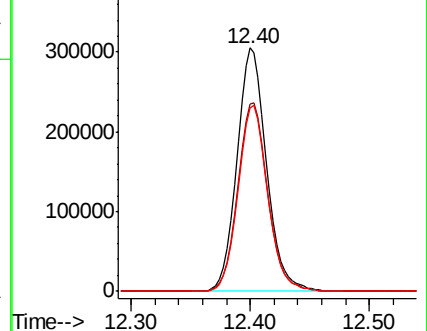
176 76.6 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

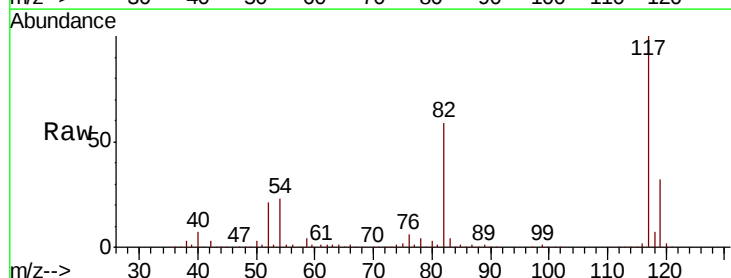
Tgt Ion: 117 Resp: 1233662

Ion Ratio Lower Upper

117 100

82 58.6 48.0 72.0

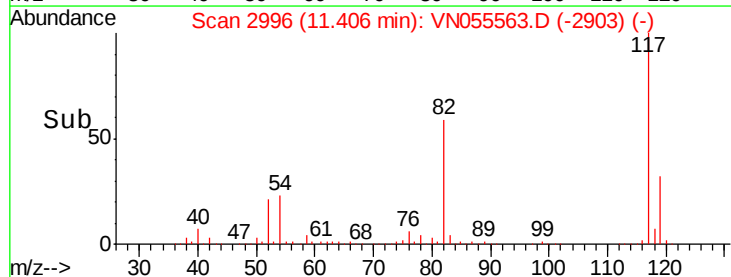
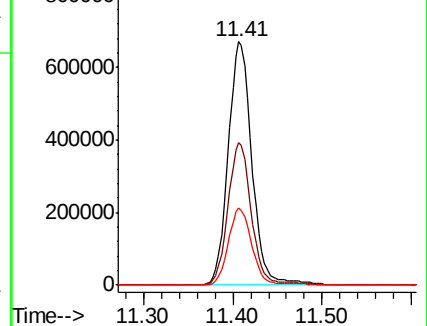
119 31.7 26.0 39.0

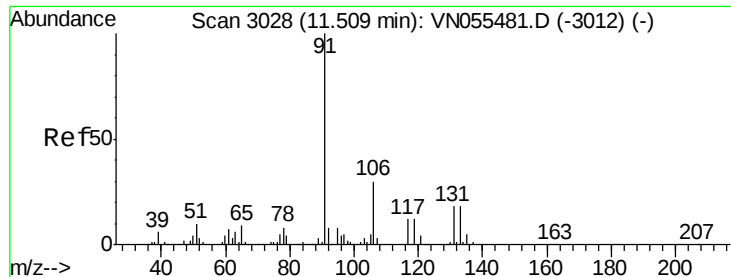


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)





#67

Ethyl Benzene

Concen: 1.306 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

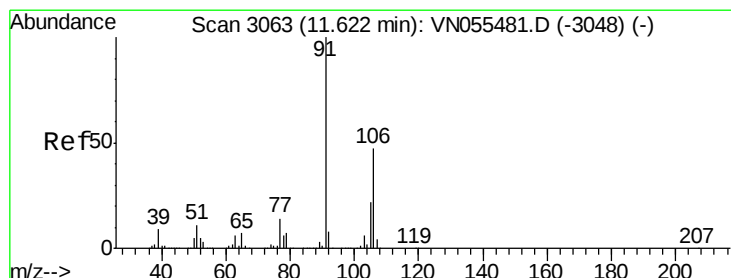
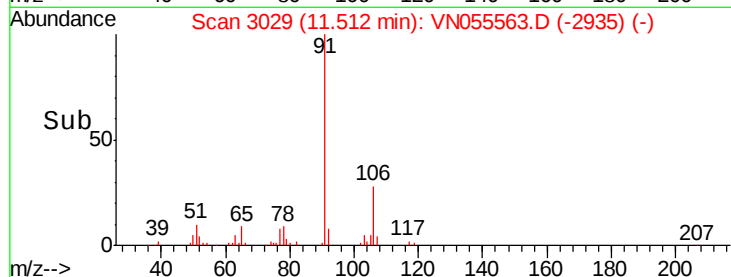
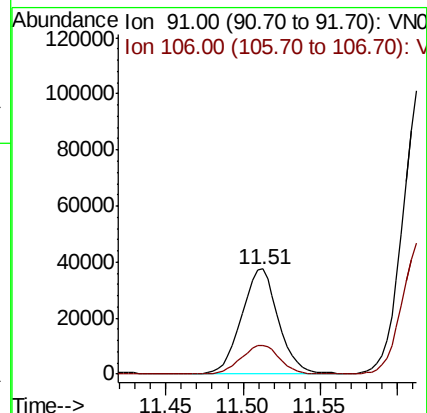
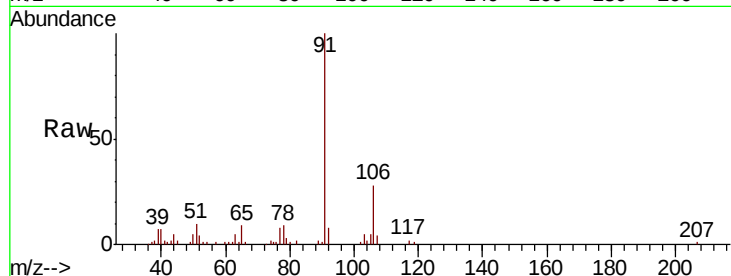
SU-02-050919-B

Tot Ion: 91 Resp: 62248

Ion Ratio Lower Upper

91 100

106 27.7 23.8 35.6



#68

m/p-Xylenes

Concen: 5.891 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055563.D

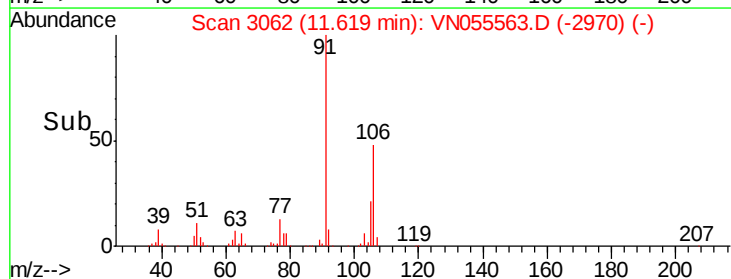
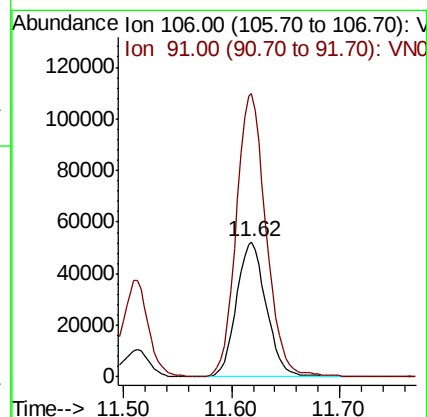
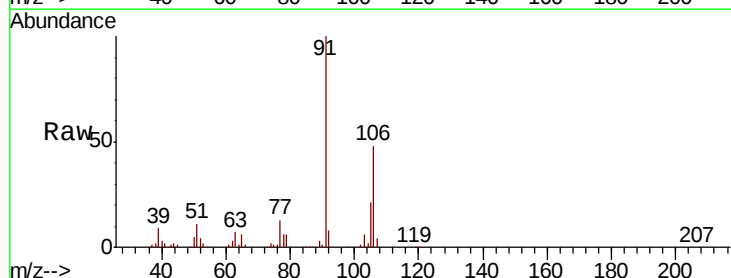
Acq: 10 May 2019 19:54

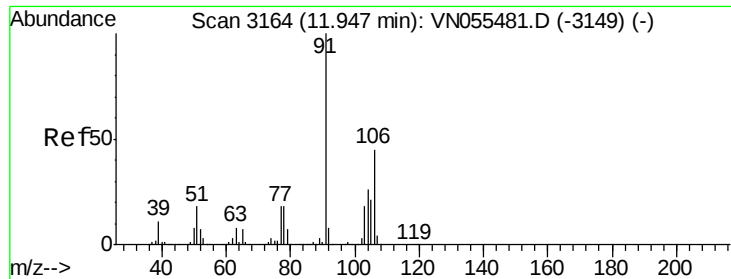
Tgt Ion: 106 Resp: 100771

Ion Ratio Lower Upper

106 100

91 209.5 169.2 253.8

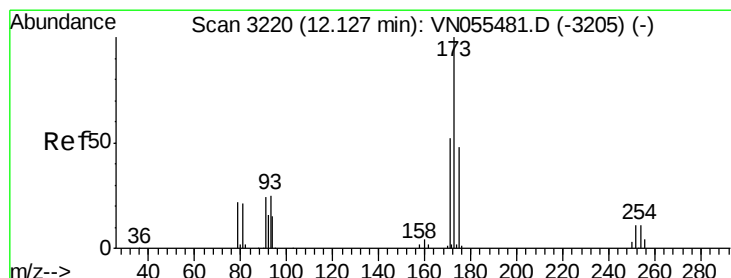
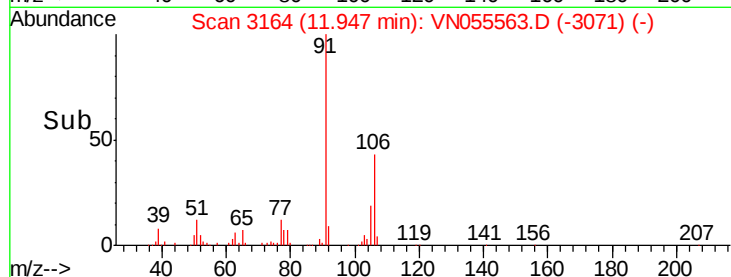
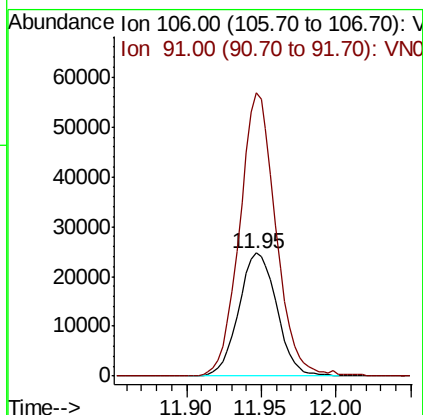
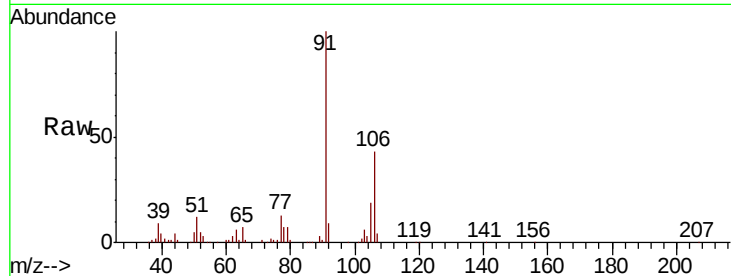




#69
o-Xylene
Concen: 2.611 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

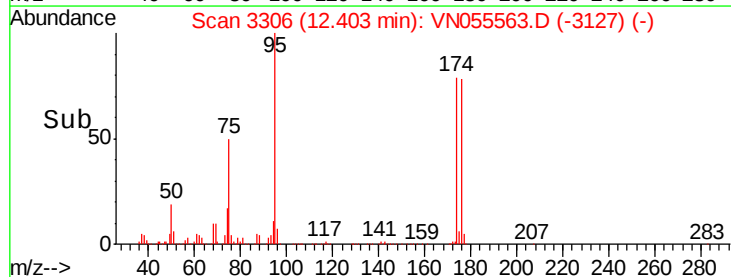
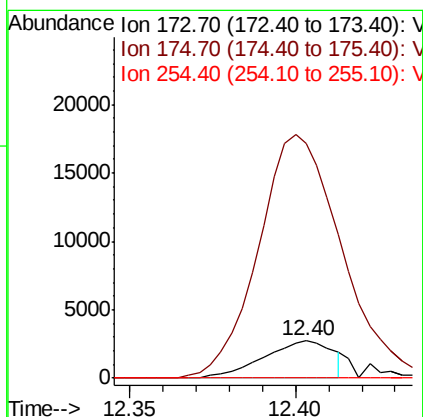
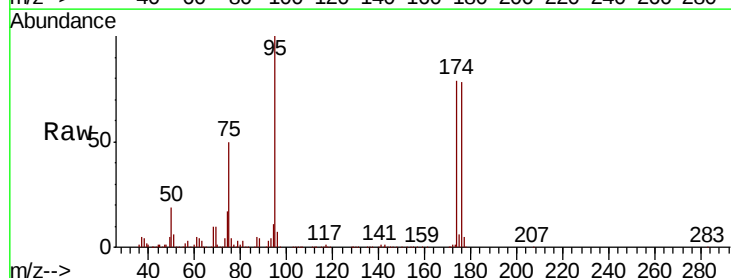
Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-B

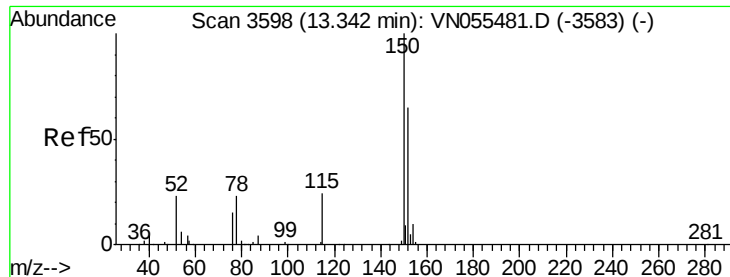
Tot Ion:106 Resp: 43910
Ion Ratio Lower Upper
106 100
91 218.2 111.3 333.8



#71
Bromoform
Concen: 0.669 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055563.D
Acq: 10 May 2019 19:54

Tgt Ion:173 Resp: 3942
Ion Ratio Lower Upper
173 100
175 670.1 24.1 72.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

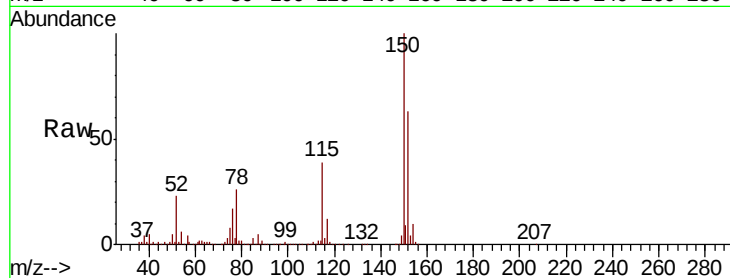
Tot Ion:152 Resp: 385077

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.5

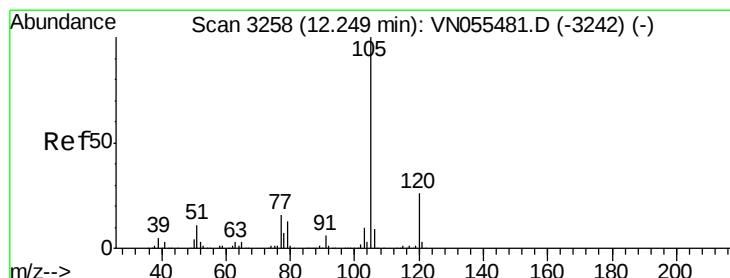
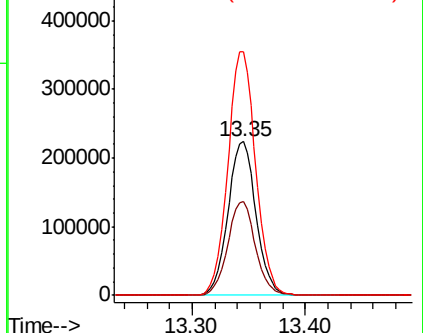
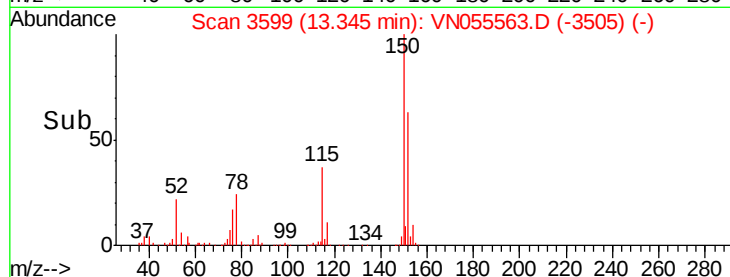
150 157.3 0.0 355.0



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# 3259

Delta R.T. 0.00 min

Lab File: VN055563.D

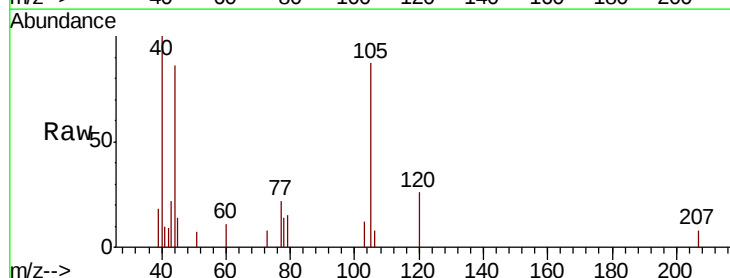
Acq: 10 May 2019 19:54

Tgt Ion:105 Resp: 3333

Ion Ratio Lower Upper

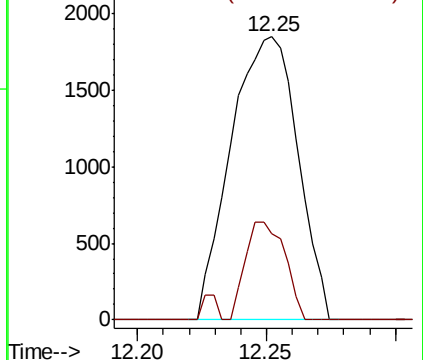
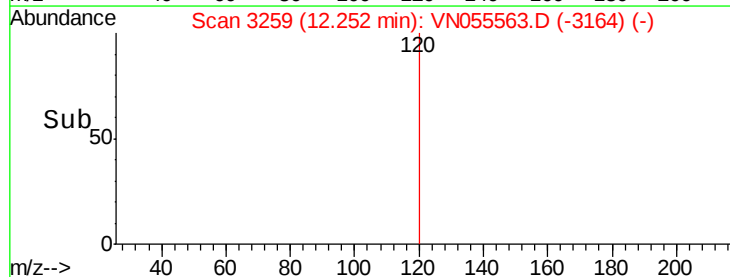
105 100

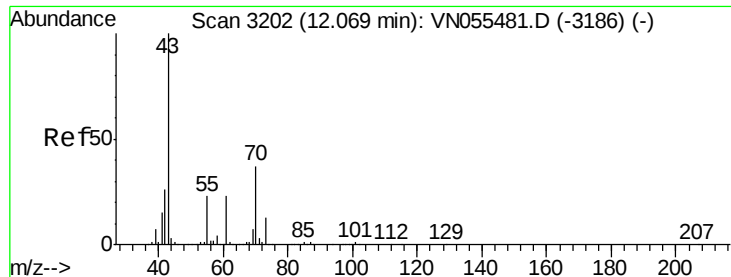
120 20.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.844 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

Tot Ion: 43 Resp: 41573

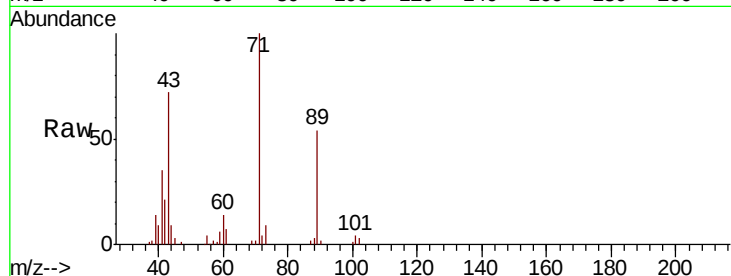
Ion Ratio Lower Upper

43 100

70 1.9 30.7 46.1#

55 5.3 19.3 28.9#

61 10.3 18.6 27.8#

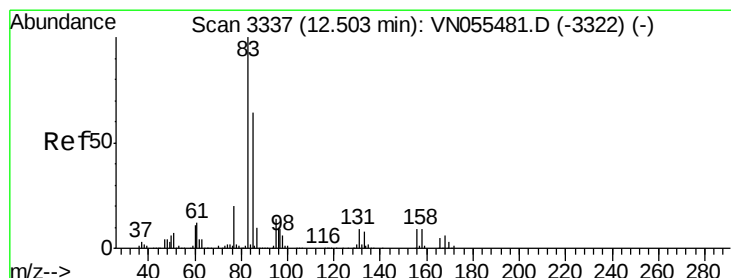
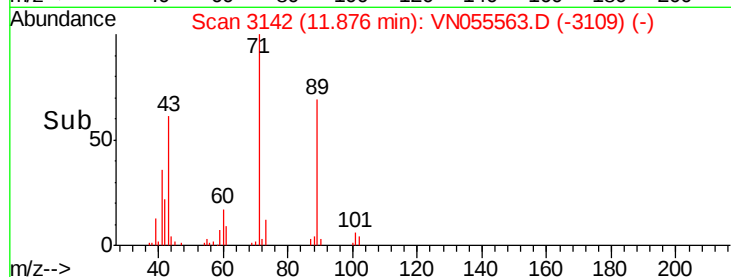
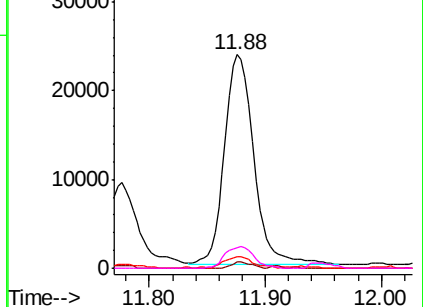


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

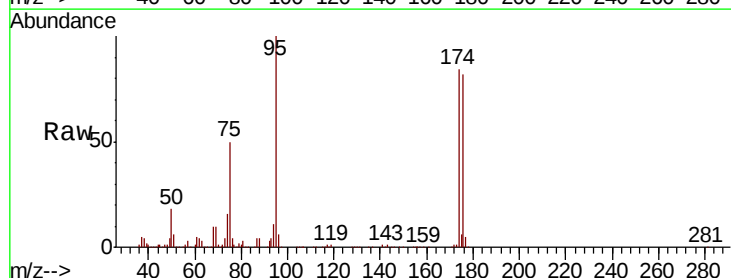
Tgt Ion: 83 Resp: 302

Ion Ratio Lower Upper

83 100

131 187.4 4.5 13.5#

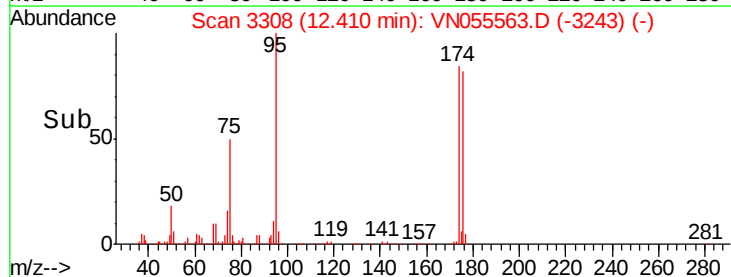
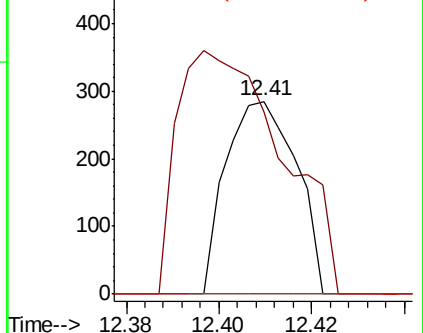
85 0.0 32.0 96.0#

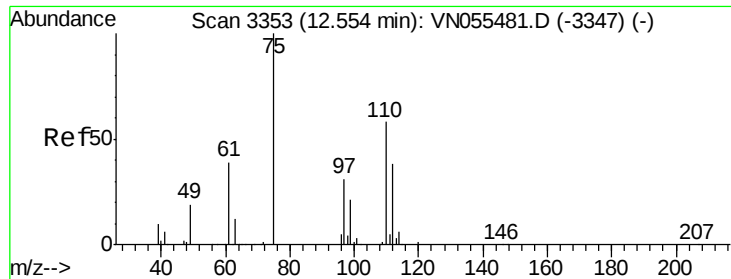


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 25.321 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

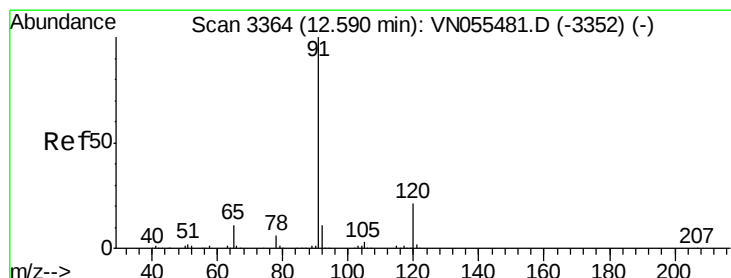
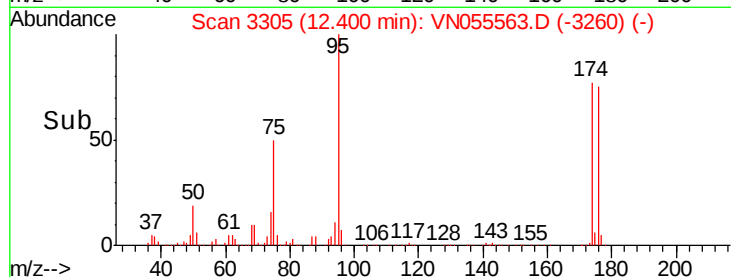
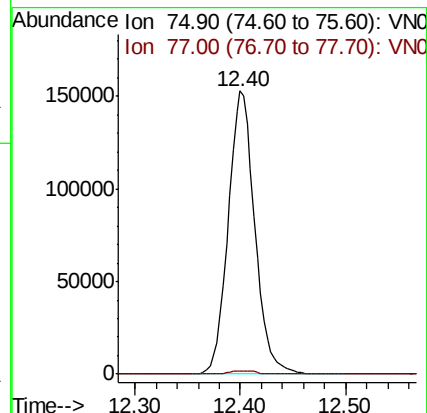
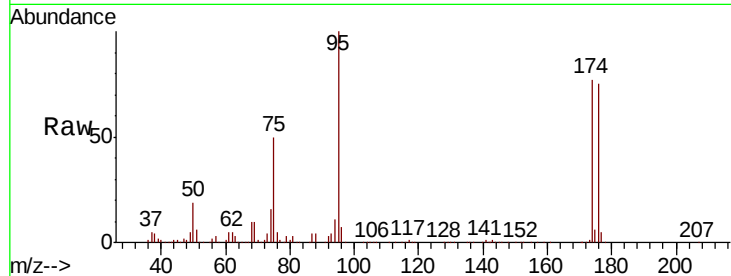
SU-02-050919-B

Tot Ion: 75 Resp: 265444

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#78

n-propylbenzene

Concen: 0.426 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055563.D

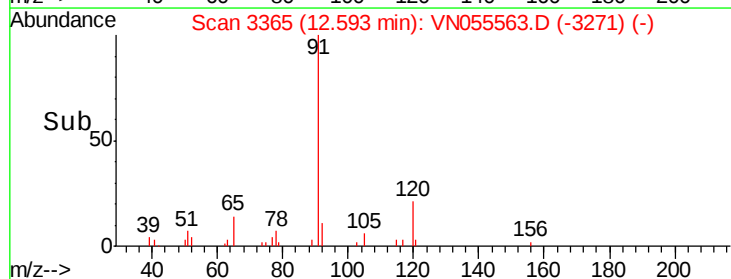
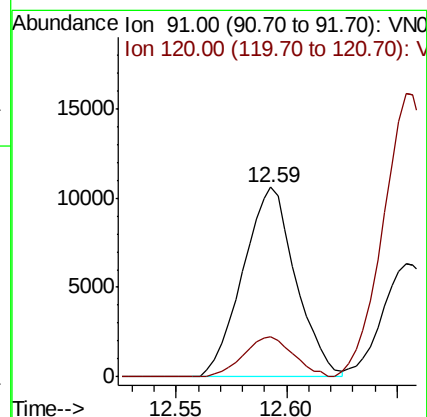
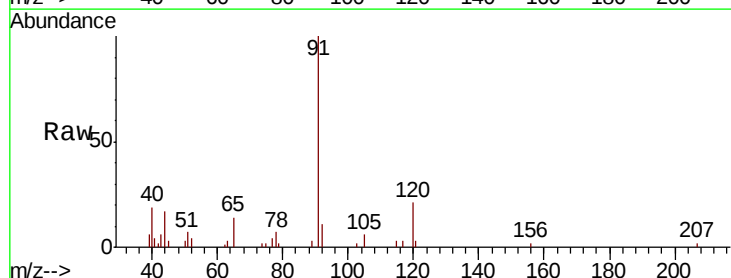
Acq: 10 May 2019 19:54

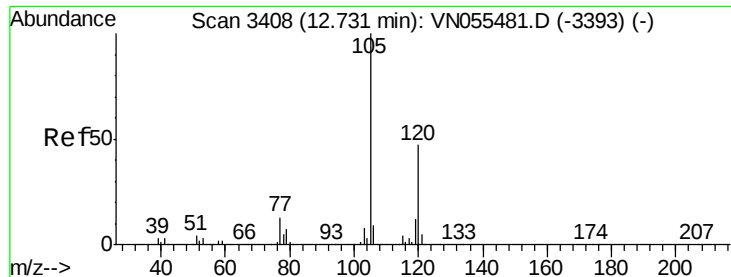
Tgt Ion: 91 Resp: 17589

Ion Ratio Lower Upper

91 100

120 20.0 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 2.054 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

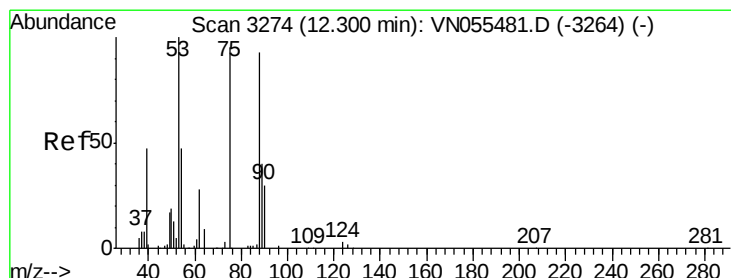
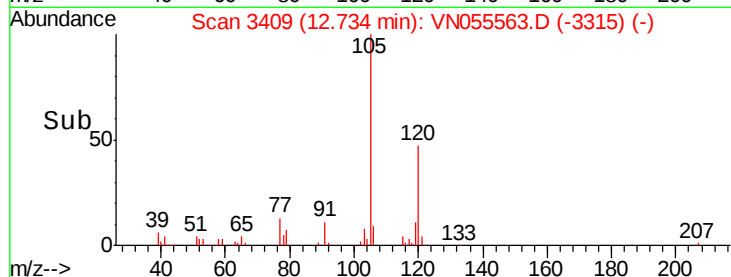
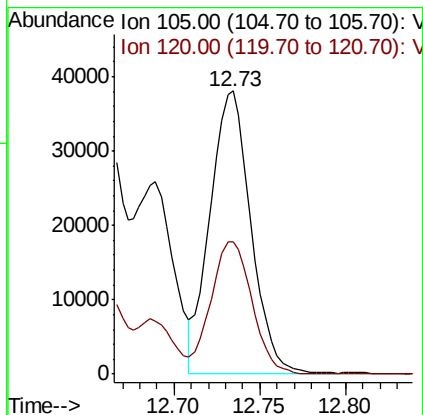
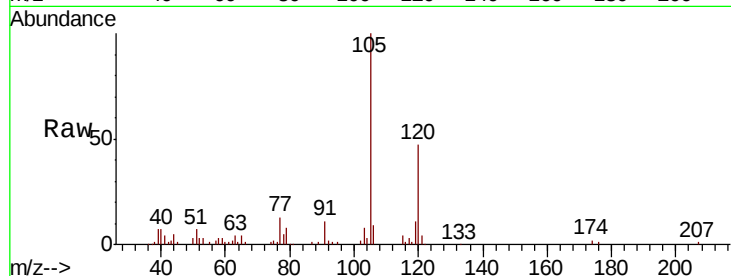
SU-02-050919-B

Tot Ion:105 Resp: 63270

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 93.431 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

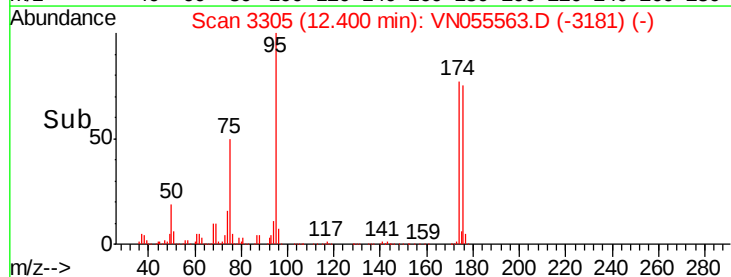
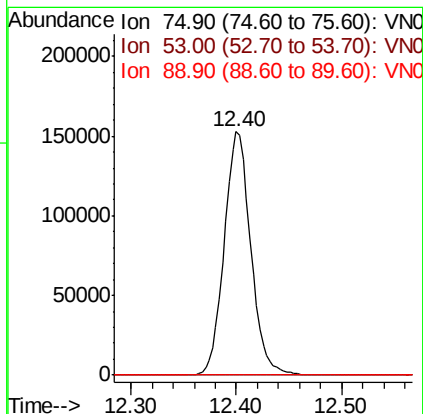
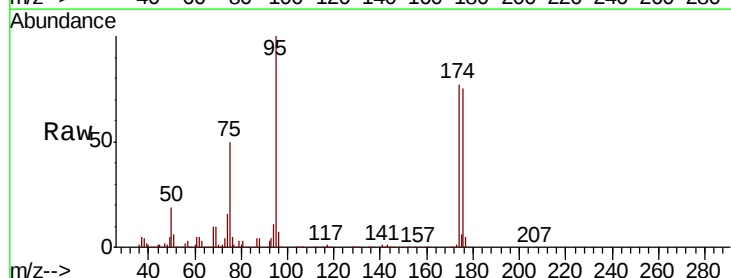
Tgt Ion: 75 Resp: 265444

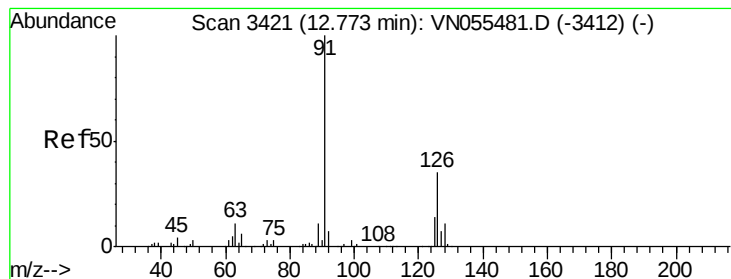
Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

89 0.0 35.7 53.5#





#82

4-Chlorotoluene

Concen: 0.258 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

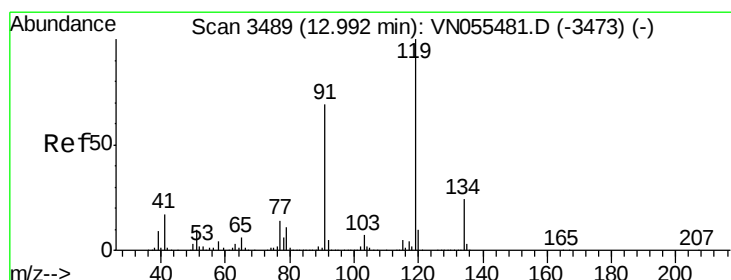
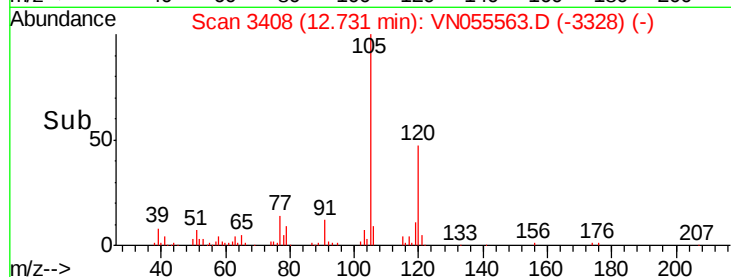
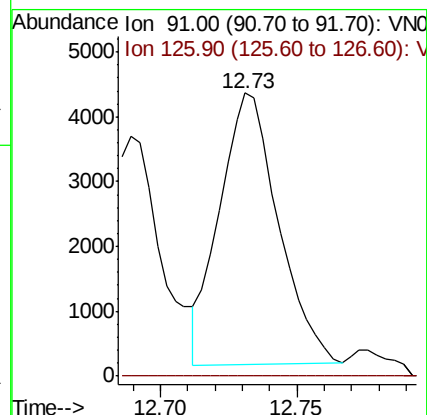
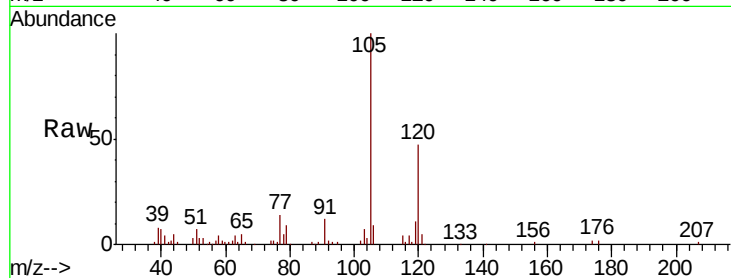
SU-02-050919-B

Tot Ion: 91 Resp: 6268

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



#83

tert-Butylbenzene

Concen: 1.215 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

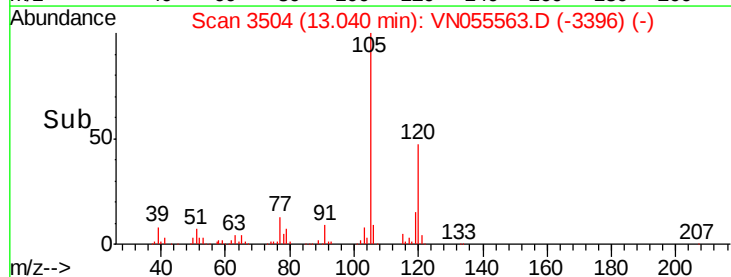
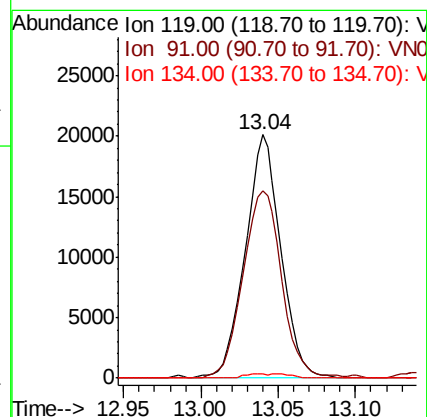
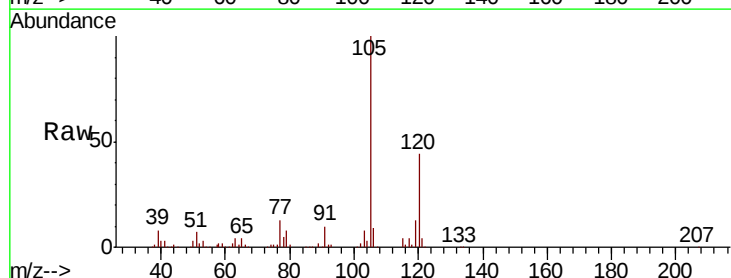
Tgt Ion: 119 Resp: 32061

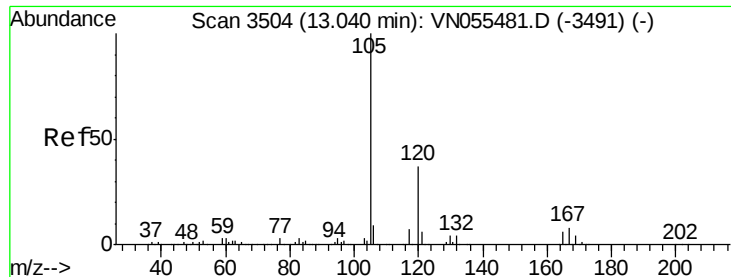
Ion Ratio Lower Upper

119 100

91 83.5 33.8 101.3

134 1.1 12.5 37.5#





#84

1,2,4-Trimethylbenzene

Concen: 8.995 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

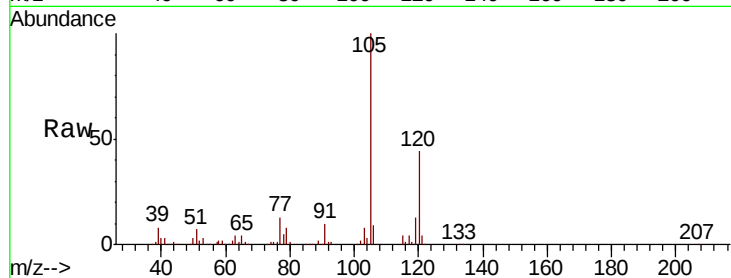
SU-02-050919-B

Tot Ion:105 Resp: 254064

Ion Ratio Lower Upper

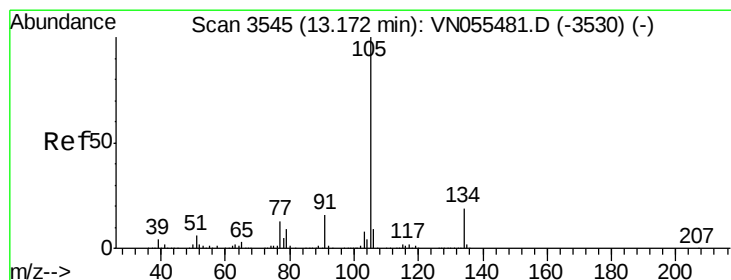
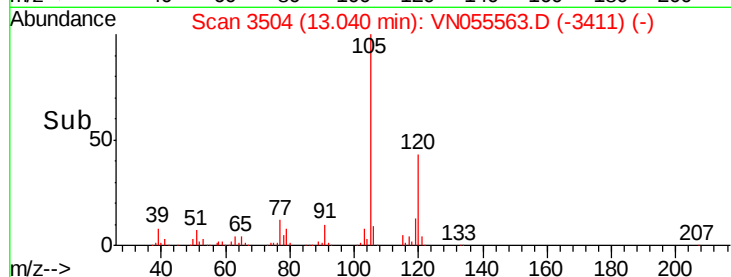
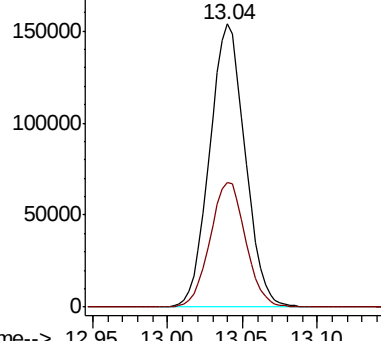
105 100

120 44.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.242 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055563.D

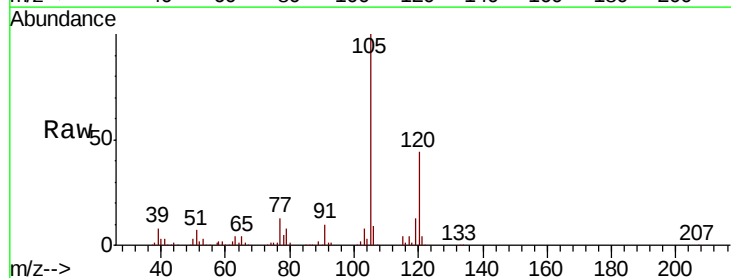
Acq: 10 May 2019 19:54

Tgt Ion:105 Resp: 254064

Ion Ratio Lower Upper

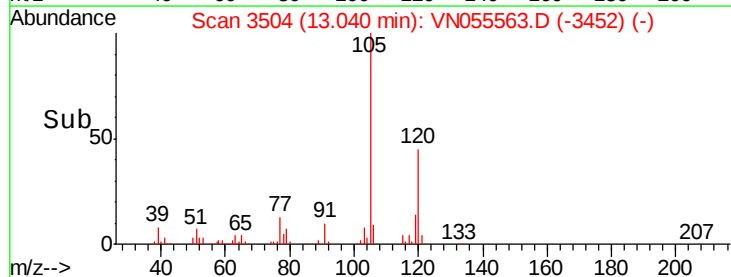
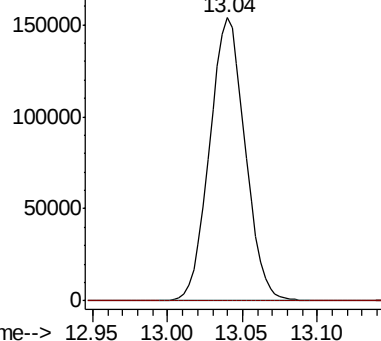
105 100

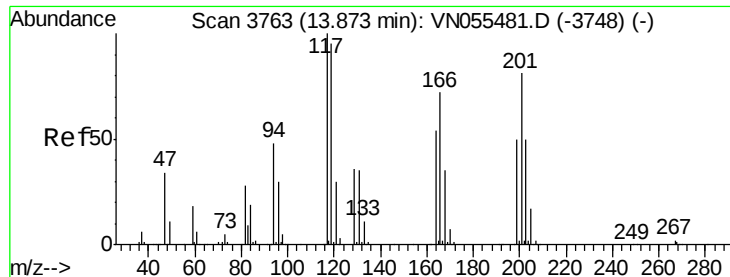
134 0.1 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.338 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

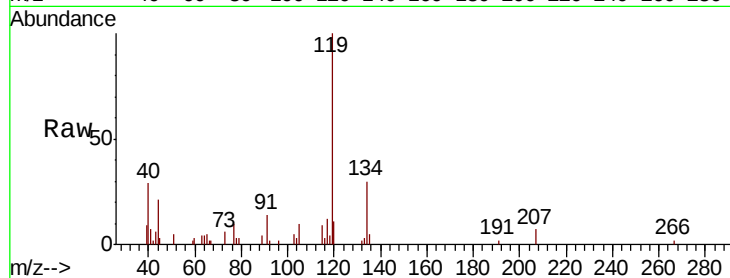
SU-02-050919-B

Tot Ion:117 Resp: 1572

Ion Ratio Lower Upper

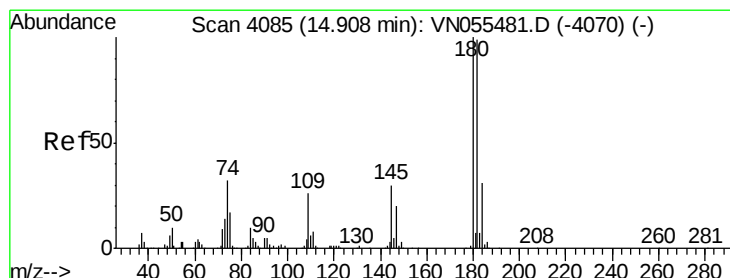
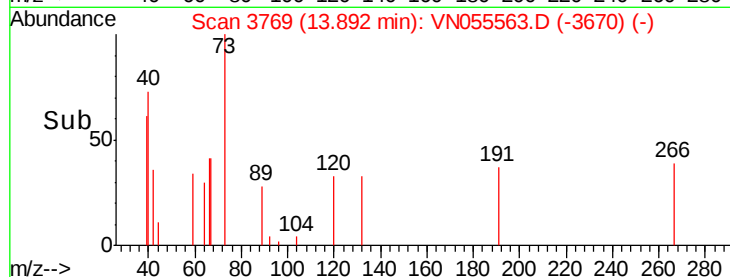
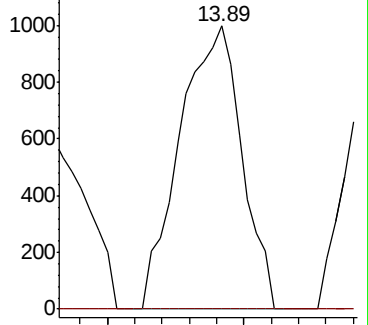
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.233 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

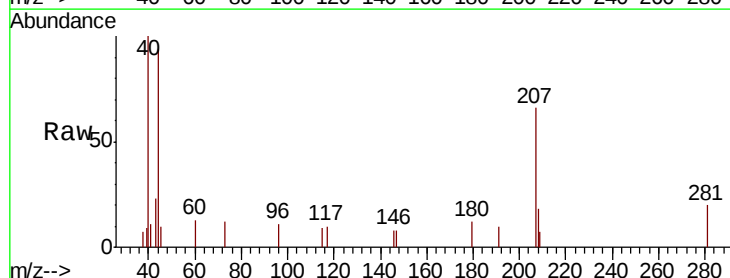
Tgt Ion:180 Resp: 170

Ion Ratio Lower Upper

180 100

182 41.2 48.7 146.1#

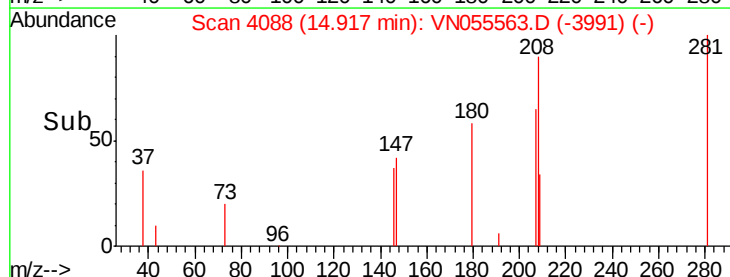
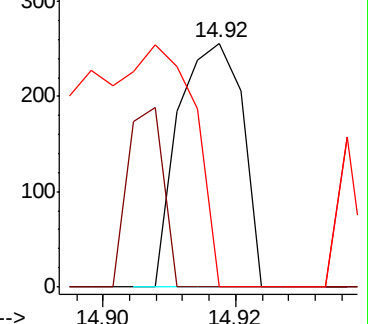
145 0.0 15.3 45.9#

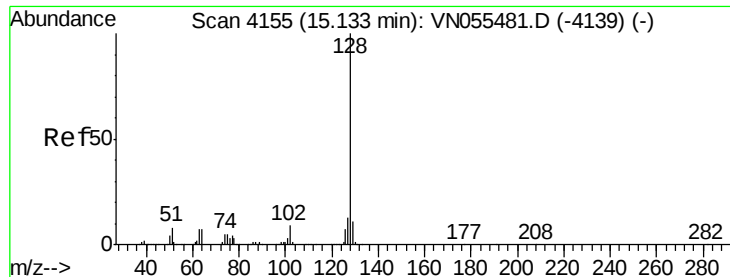


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.364 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055563.D

Acq: 10 May 2019 19:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-B

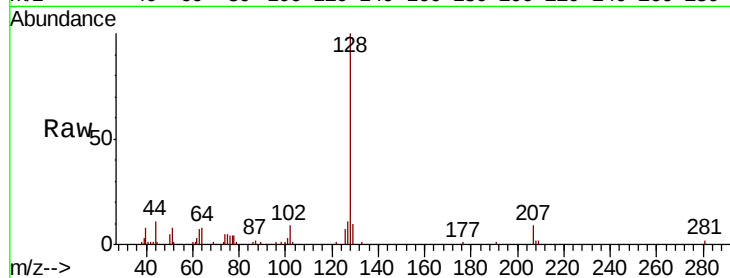
Tot Ion:128 Resp: 41392

Ion Ratio Lower Upper

128 100

127 11.4 10.0 15.0

129 10.7 8.8 13.2



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

