

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059244.D
 Acq On : 14 Nov 2019 19:02
 Operator : JC/SP
 Sample : K5563-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 15 06:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	452127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	692157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	609741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	279252	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.57	113	217625	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.08	98	860687	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.40	95	275918	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

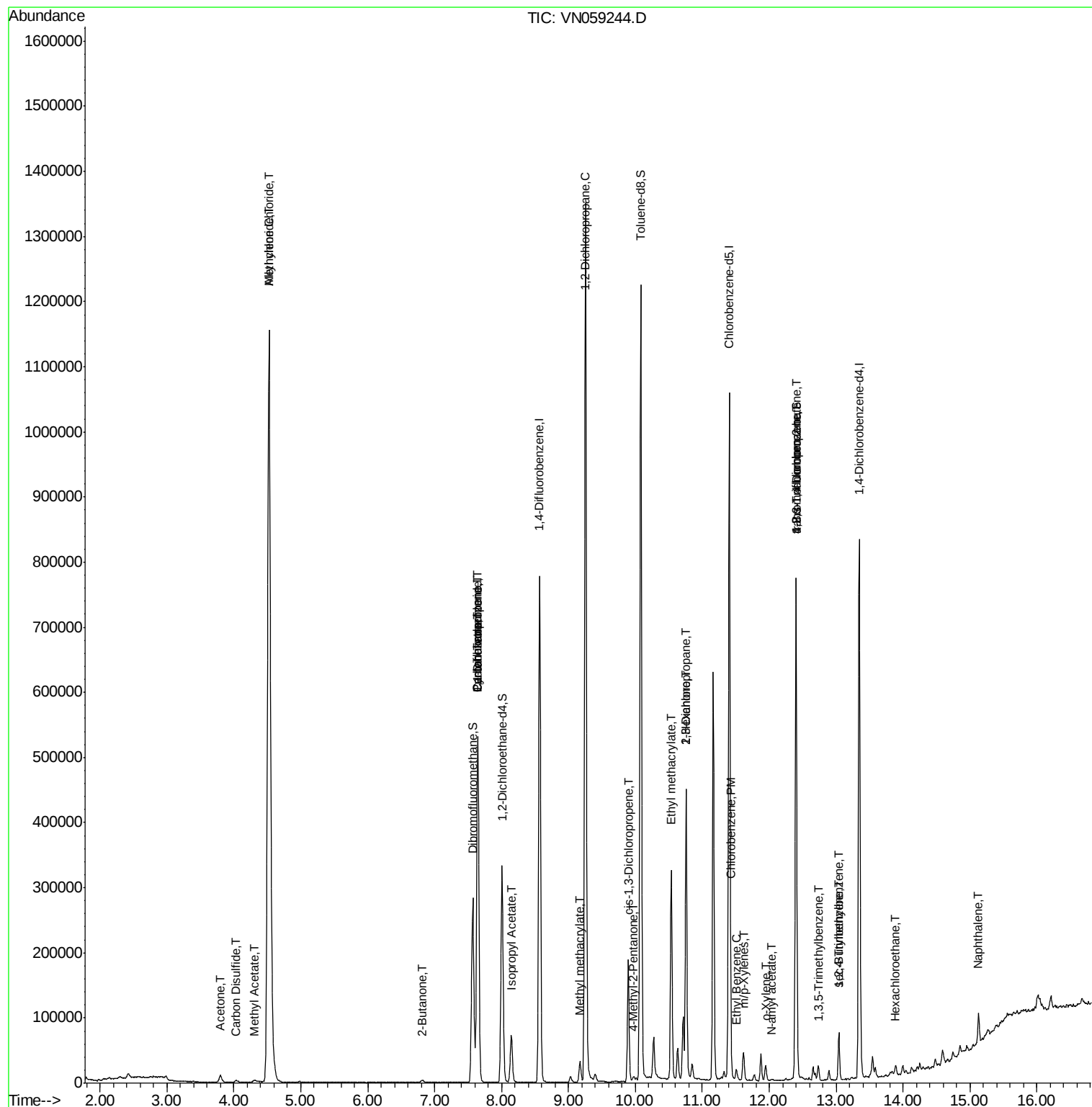
						Qvalue
14) Allyl chloride	4.53	41	35862	4.139	ug/l #	28
16) Acetone	3.80	43	17180	5.944	ug/l	96
17) Carbon Disulfide	4.03	76	4649	0.355	ug/l #	85
18) Methyl Acetate	4.31	43	5789	0.844	ug/l #	65
20) Methylene Chloride	4.53	84	920292	182.775	ug/l	100
25) 2-Butanone	6.82	43	5423	1.424	ug/l	90
31) Cyclohexane	7.65	56	8857	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33469	5.173	ug/l #	50
38) Carbon Tetrachloride	7.64	117	42766	6.641	ug/l #	17
43) Isopropyl Acetate	8.15	43	86906	7.574	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1537	0.290	ug/l #	44
48) Methyl methacrylate	9.17	41	5462	1.064	ug/l #	14
51) 4-Methyl-2-Pentanone	9.97	43	6206	0.956	ug/l	89
54) cis-1,3-Dichloropropene	9.89	75	33452	4.088	ug/l #	65
56) Ethyl methacrylate	10.54	69	1251	2.026	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4404	0.541	ug/l #	42
59) 2-Hexanone	10.76	43	63688	12.780	ug/l #	53
65) Chlorobenzene	11.43	112	5912	0.497	ug/l	97
67) Ethyl Benzene	11.51	91	11539	0.547	ug/l #	88
68) m/p-Xylenes	11.61	106	13698	1.734	ug/l	97
69) o-Xylene	11.95	106	6579	0.862	ug/l	97
74) N-amyl acetate	12.03	43	1985	0.282	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	133870	25.736	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12298	0.873	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	133870	67.976	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	41214	3.025	ug/l	99
85) sec-Butylbenzene	13.04	105	41214	2.606	ug/l #	57
90) Hexachloroethane	13.89	117	765	0.273	ug/l #	8
95) Naphthalene	15.13	128	38566	6.104	ug/l	99

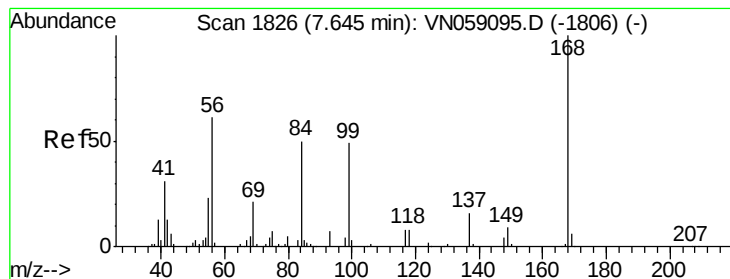
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

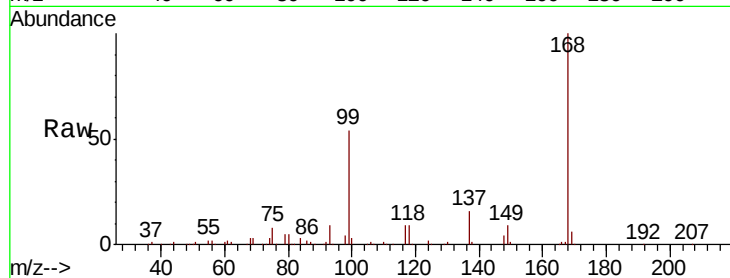
TP-1

Tot Ion:168 Resp: 452127

Ion Ratio Lower Upper

168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

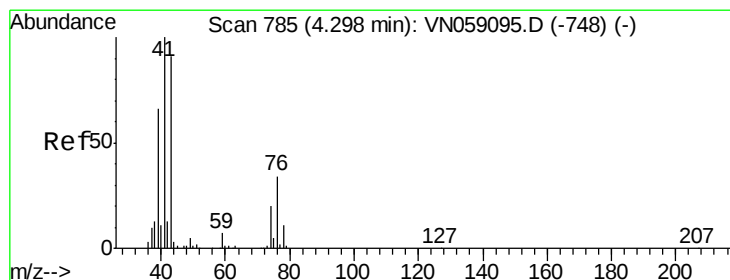
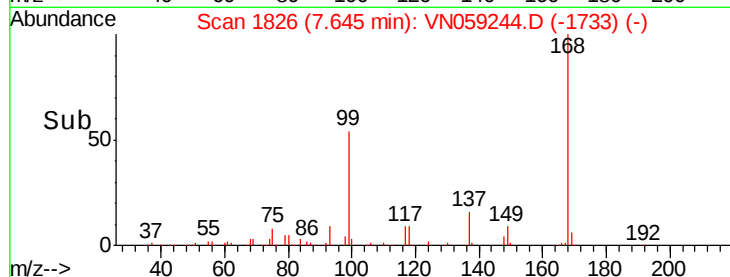
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 4.139 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

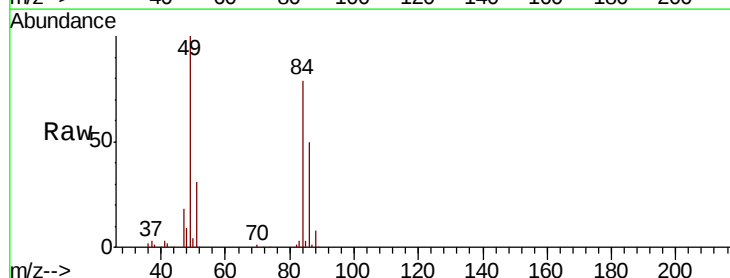
Tgt Ion: 41 Resp: 35862

Ion Ratio Lower Upper

41 100

39 0.3 49.1 73.7#

76 0.0 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.53

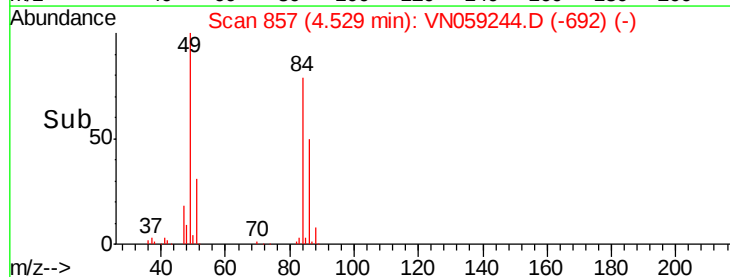
15000

10000

5000

0

Time-->





#16

Acetone

Concen: 5.944 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

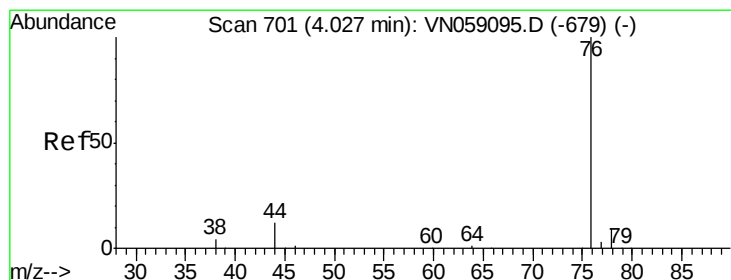
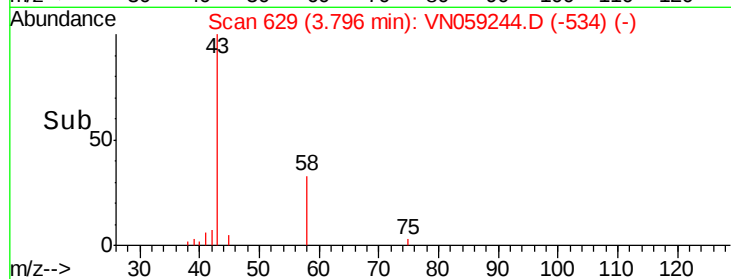
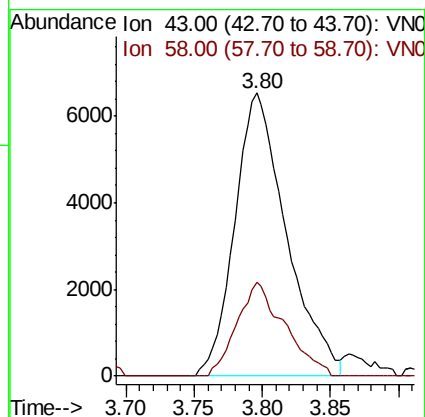
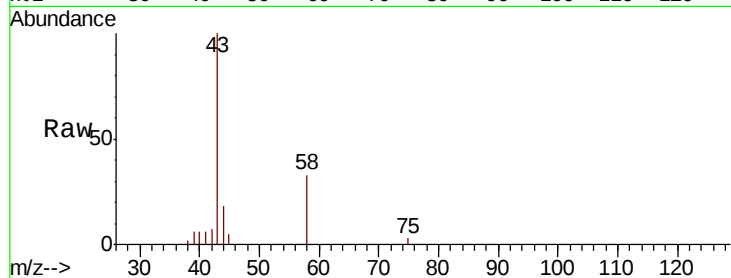
TP-1

Tot Ion: 43 Resp: 17180

Ion Ratio Lower Upper

43 100

58 33.1 24.9 37.3



#17

Carbon Disulfide

Concen: 0.355 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059244.D

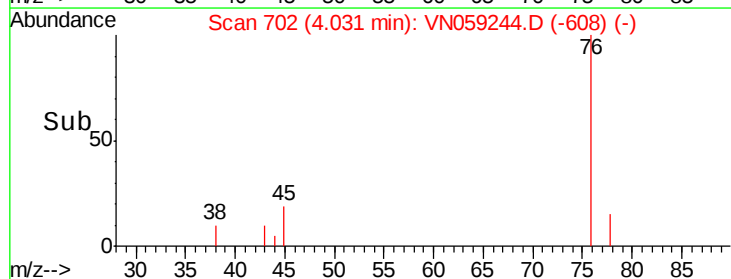
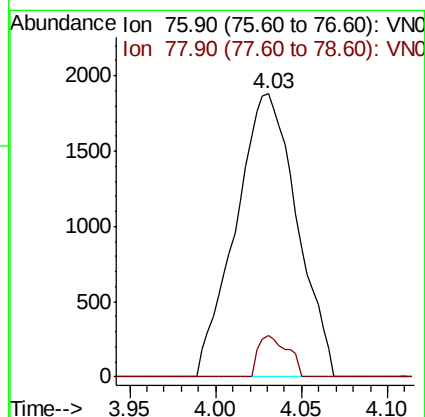
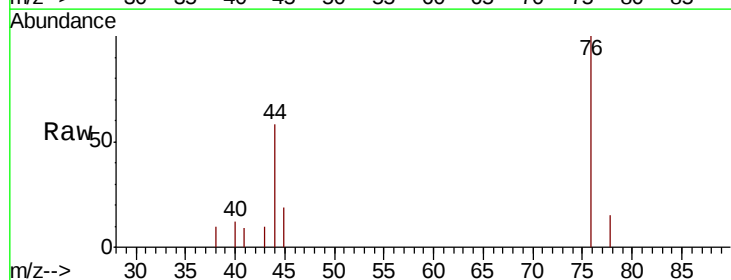
Acq: 14 Nov 2019 19:02

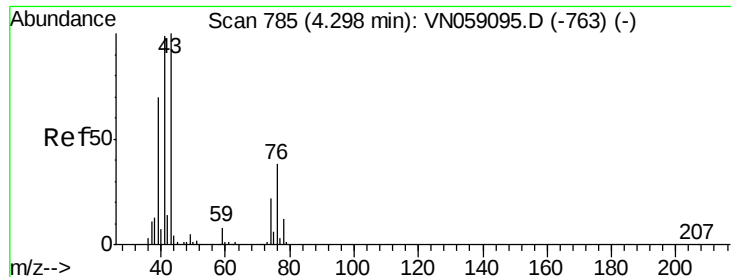
Tgt Ion: 76 Resp: 4649

Ion Ratio Lower Upper

76 100

78 14.7 7.4 11.0#

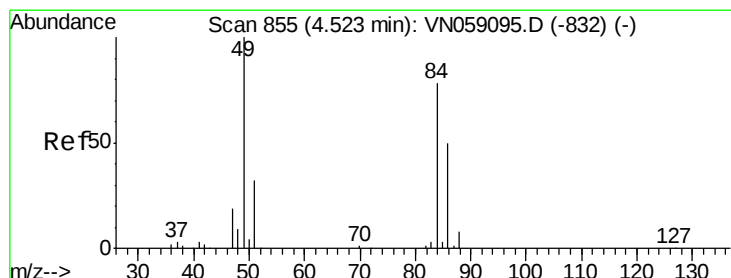
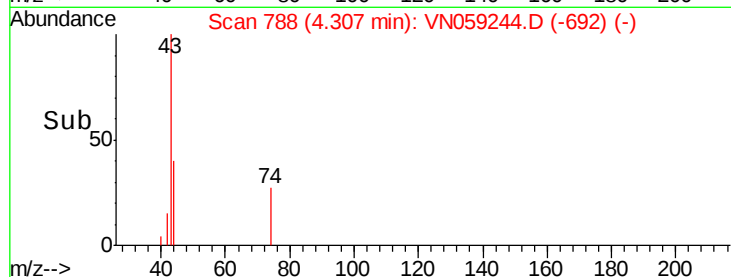
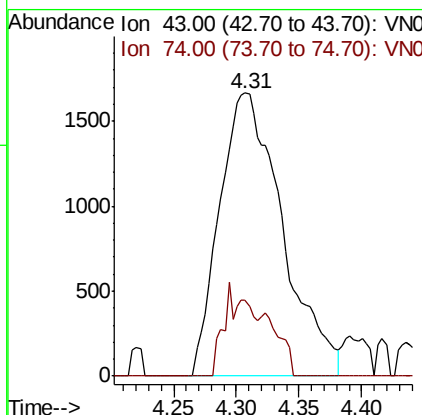
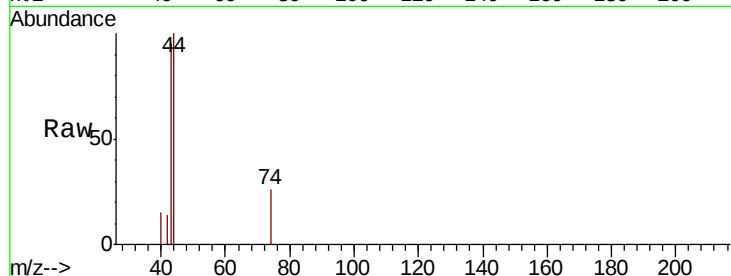




#18
Methvl Acetate
Concen: 0.844 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

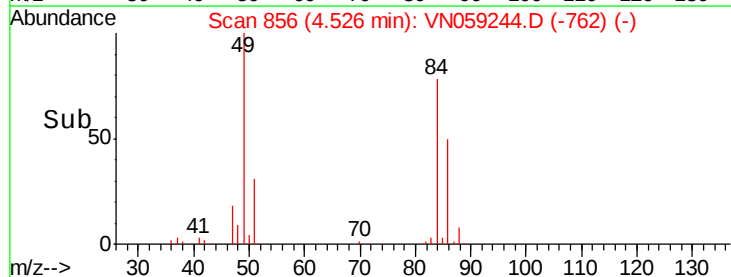
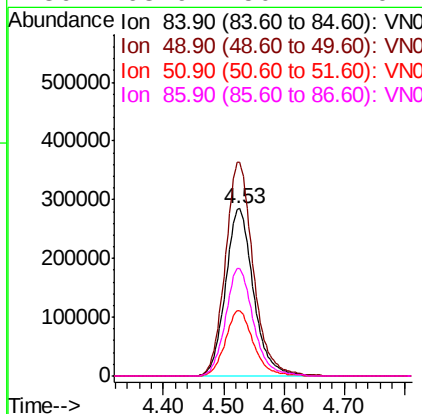
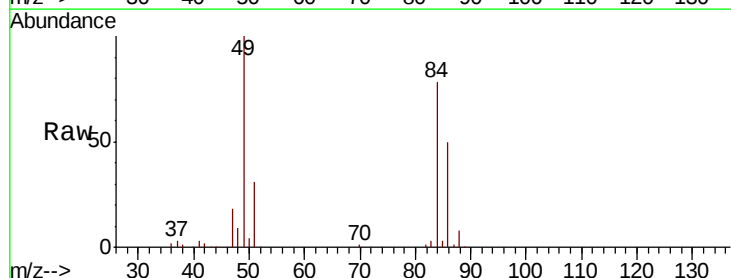
Instrument :
MSVOA_N
ClientSampled :
TP-1

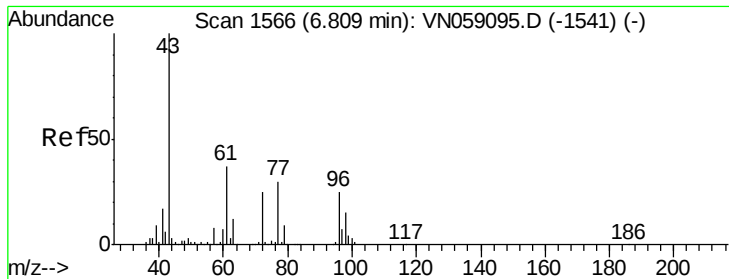
Tot Ion: 43 Resp: 5789
Ion Ratio Lower Upper
43 100
74 5.5 17.8 26.8#



#20
Methylene Chloride
Concen: 182.775 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 84 Resp: 920292
Ion Ratio Lower Upper
84 100
49 127.5 102.0 153.0
51 39.1 32.2 48.2
86 63.9 50.7 76.1





#25

2-Butanone

Concen: 1.424 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

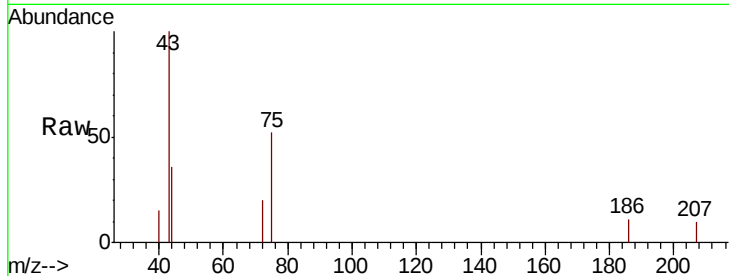
TP-1

Tot Ion: 43 Resp: 5423

Ion Ratio Lower Upper

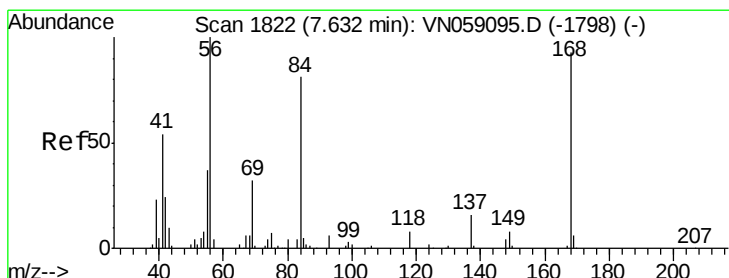
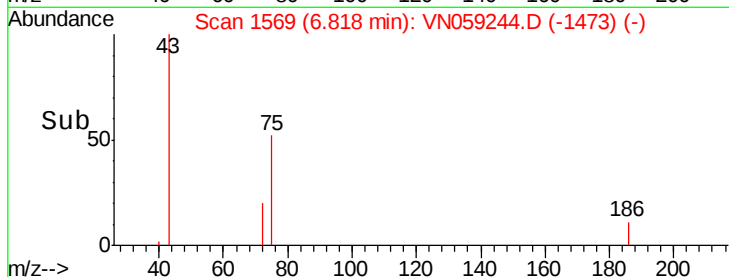
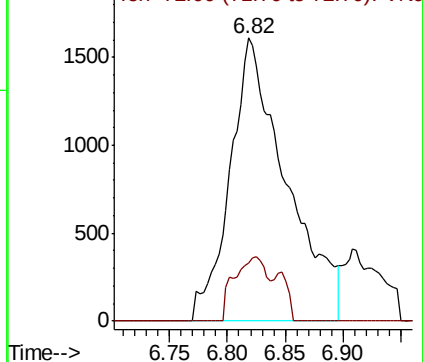
43 100

72 20.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN059095.D (-1541) (-)



#31

Cyclohexane

Concen: 1.024 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

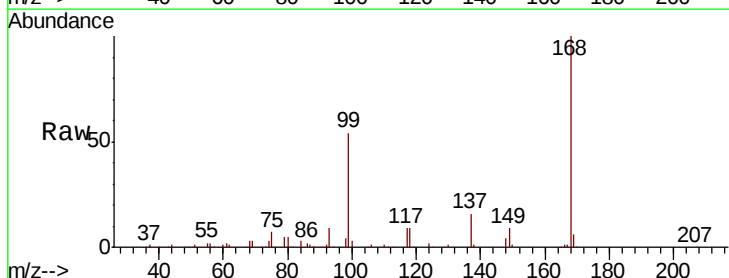
Tgt Ion: 56 Resp: 8857

Ion Ratio Lower Upper

56 100

69 166.7 25.8 38.8#

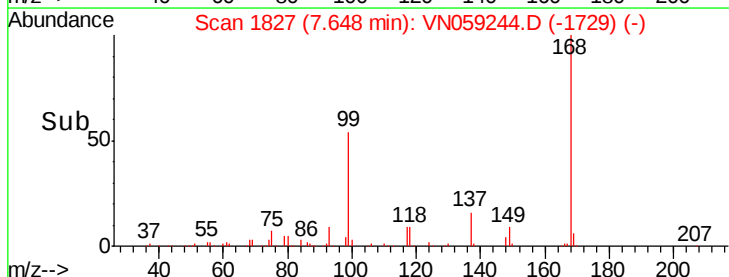
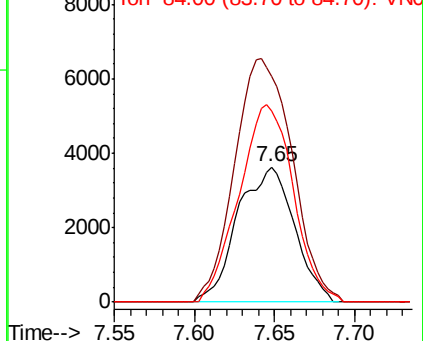
84 141.7 65.0 97.4#

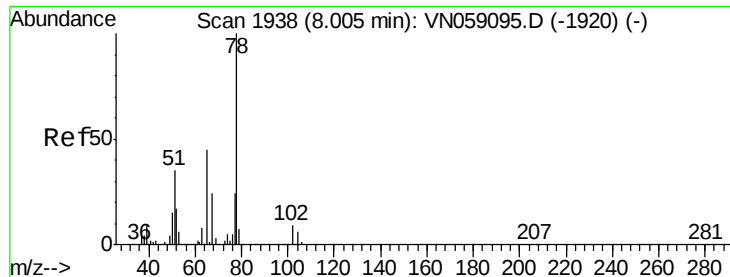


Abundance Ion 56.00 (55.70 to 56.70): VN059095.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059095.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059095.D (-1798) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.245 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

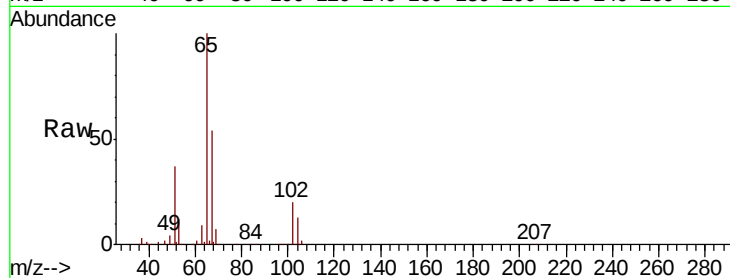
TP-1

Tot Ion: 65 Resp: 279252

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059095.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059095.D (-1920) (-)

8.01

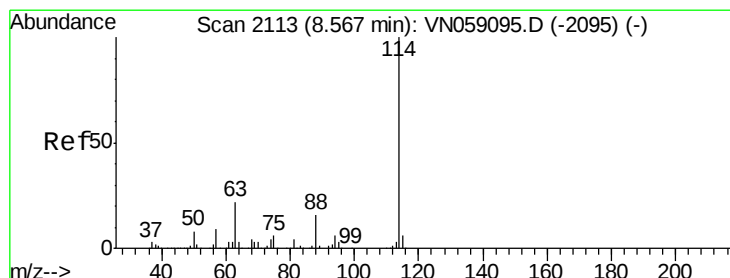
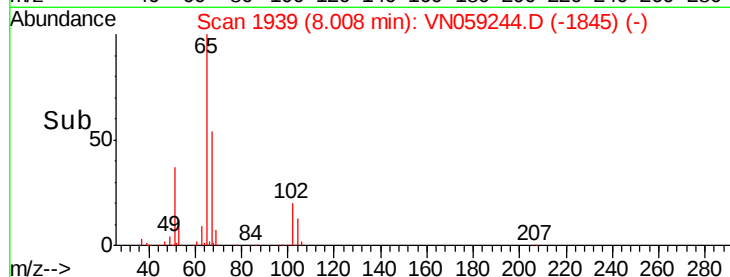
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

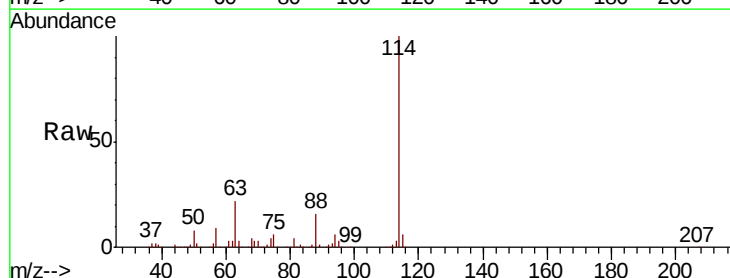
Tgt Ion: 114 Resp: 692157

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059095.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN059095.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN059095.D (-2095) (-)

8.57

400000

300000

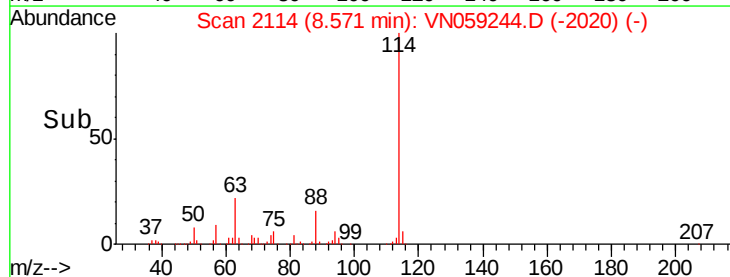
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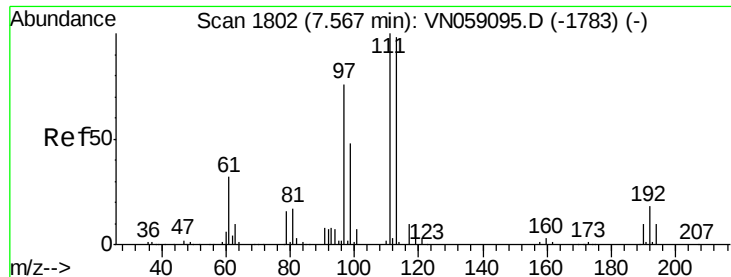
100000

0

8.45 8.50 8.55 8.60 8.65

Time-->

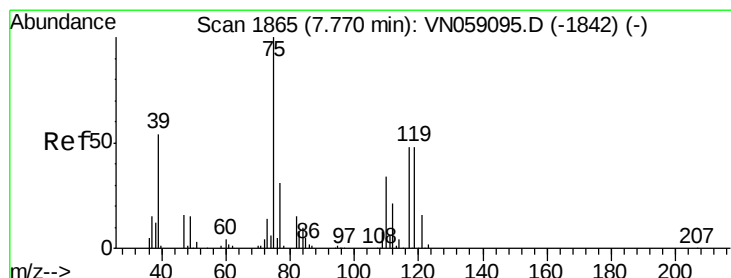
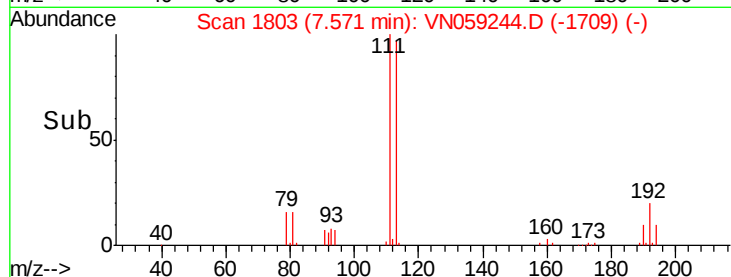
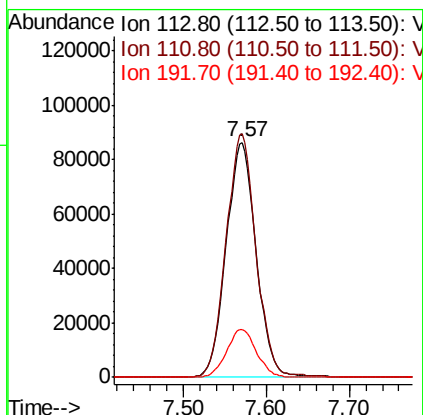
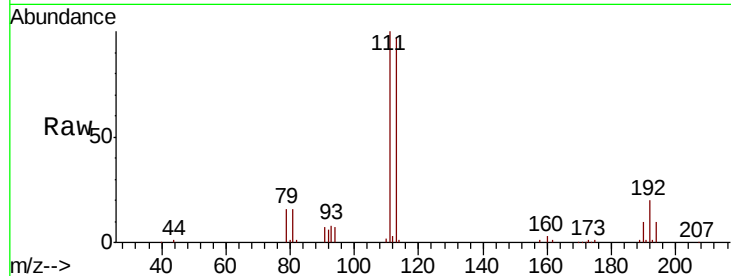




#35
 Dibromofluoromethane
 Concen: 52.657 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059244.D
 Acq: 14 Nov 2019 19:02

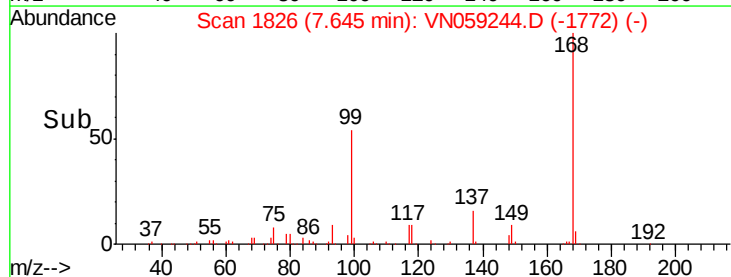
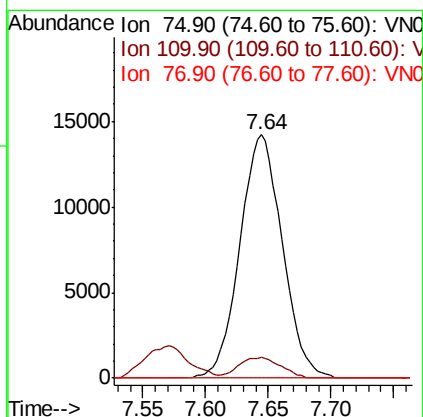
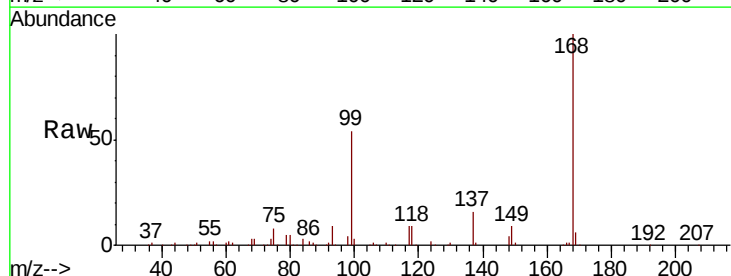
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

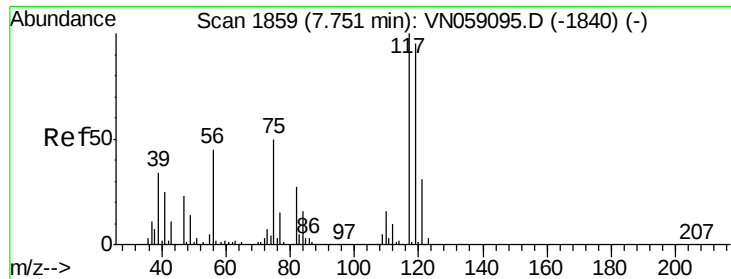
Tot Ion:113 Resp: 217625
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.173 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059244.D
 Acq: 14 Nov 2019 19:02

Tgt Ion: 75 Resp: 33469
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.2#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.641 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1

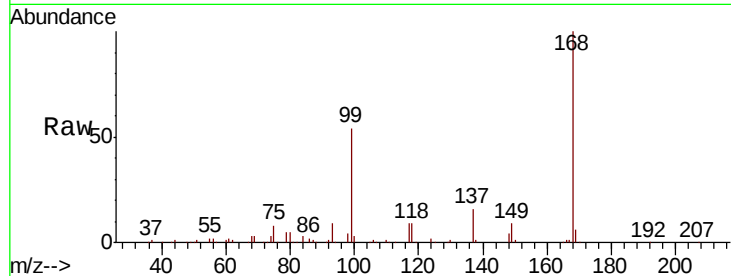
Tot Ion:117 Resp: 42766

Ion Ratio Lower Upper

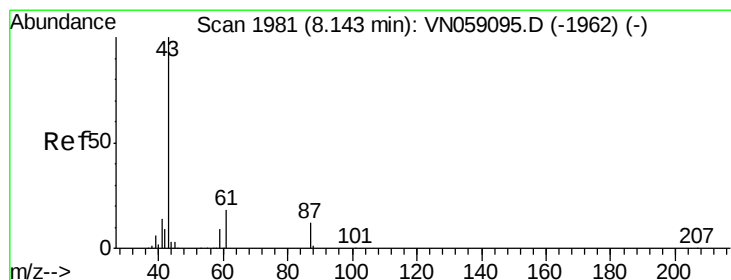
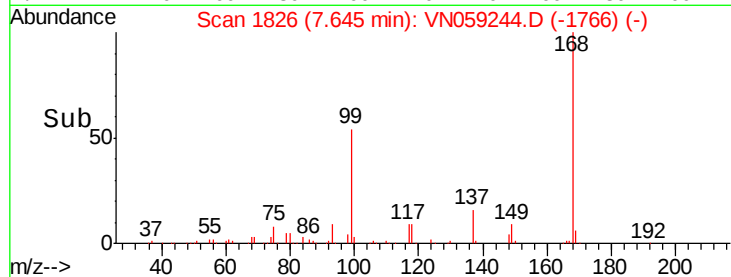
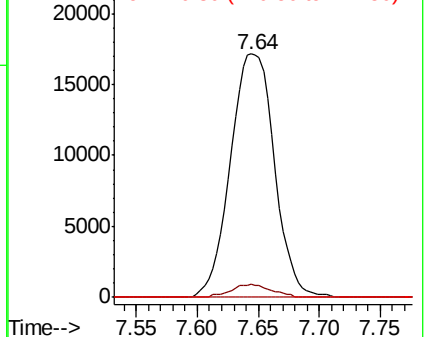
117 100

119 5.2 75.6 113.4#

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: 7.574 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

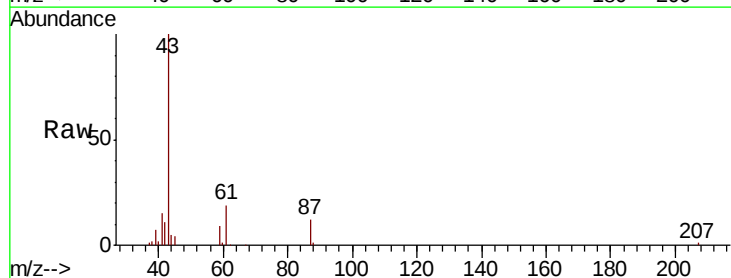
Tgt Ion: 43 Resp: 86906

Ion Ratio Lower Upper

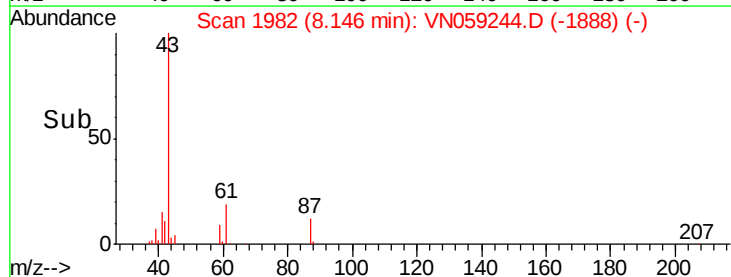
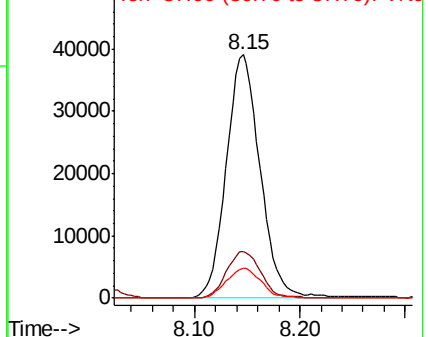
43 100

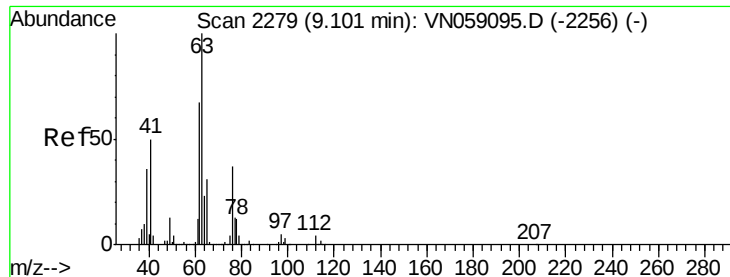
61 19.3 21.0 31.6#

87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.290 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.16 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

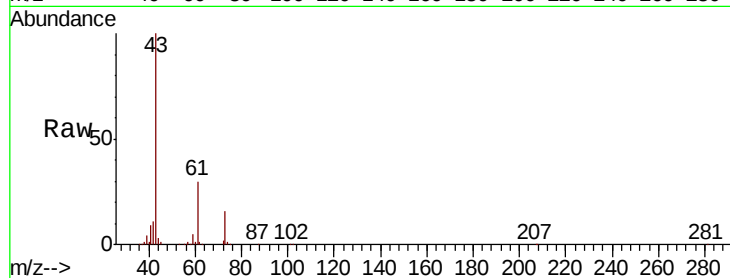
TP-1

Tot Ion: 63 Resp: 1537

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

1200

1000

800

600

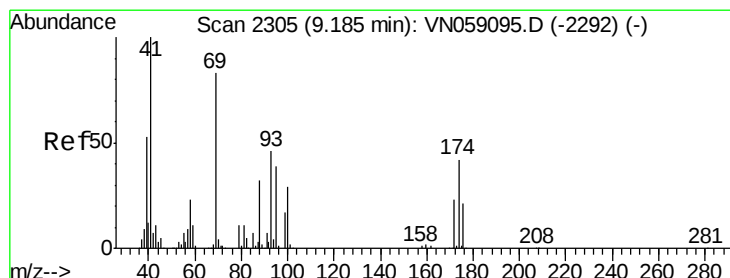
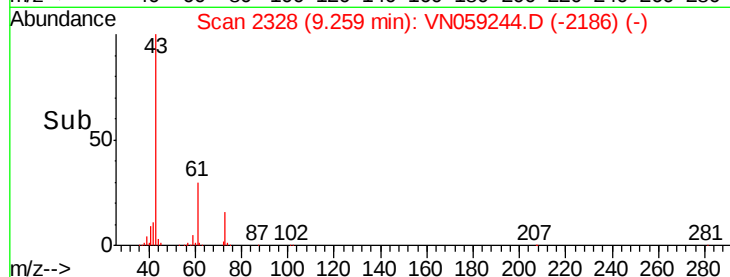
400

200

0

9.22 9.24 9.26 9.28

Time-->



#48

Methyl methacrylate

Concen: 1.064 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

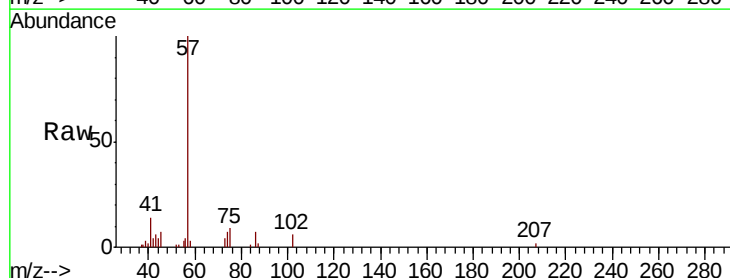
Tgt Ion: 41 Resp: 5462

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 43.3 64.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

80000

60000

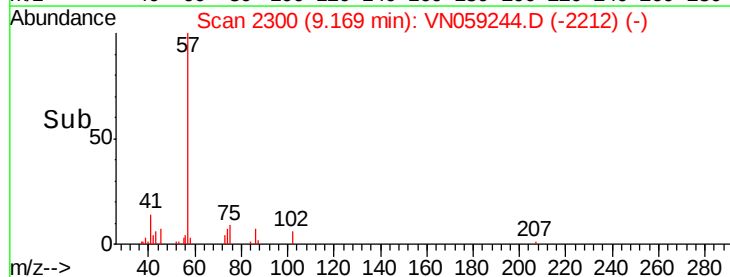
40000

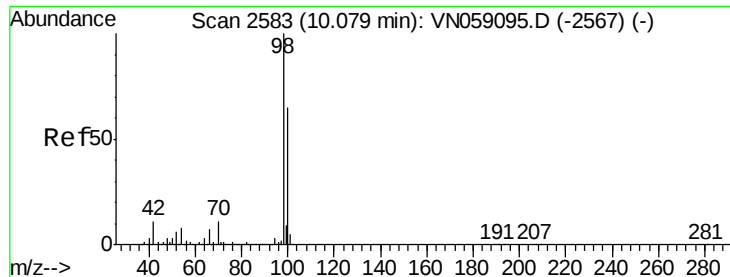
20000

0

9.10 9.15 9.20

Time-->





#50

Toluene-d8

Concen: 52.871 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

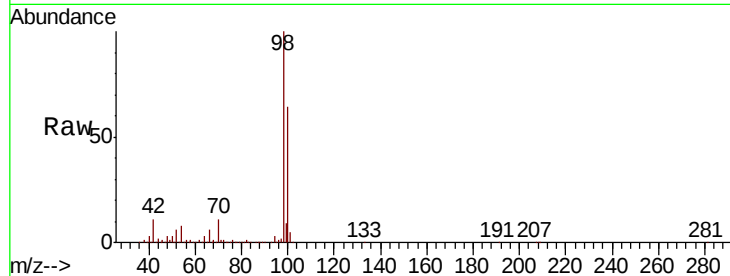
TP-1

Tot Ion: 98 Resp: 860687

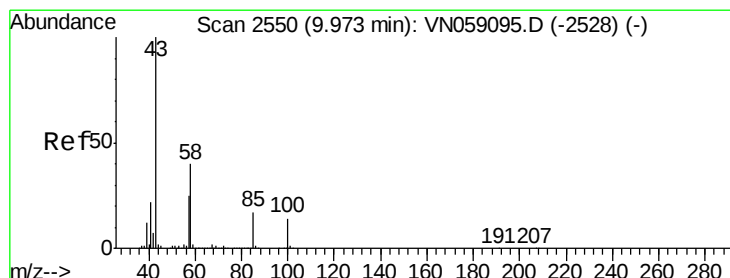
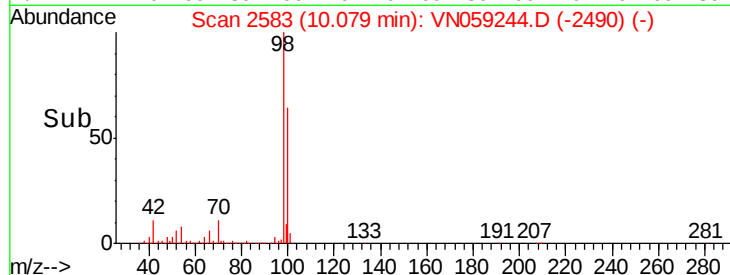
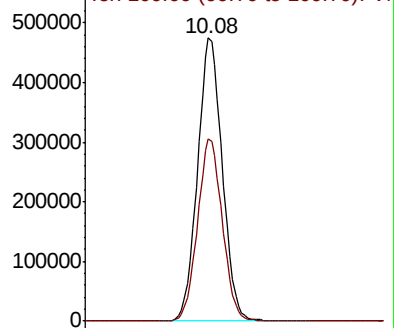
Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059244.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.956 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059244.D

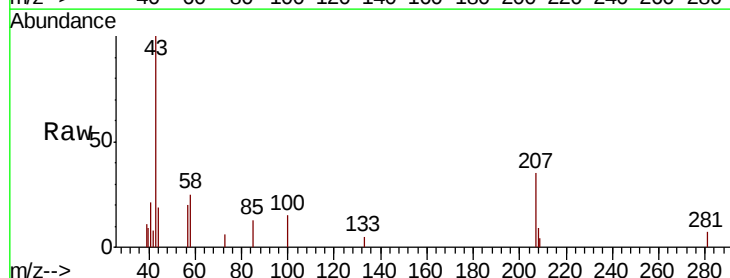
Acq: 14 Nov 2019 19:02

Tgt Ion: 43 Resp: 6206

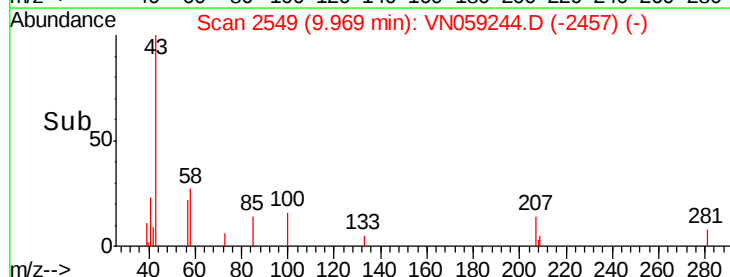
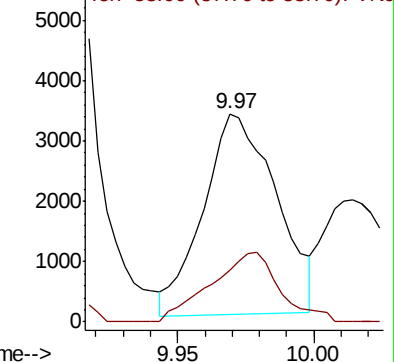
Ion Ratio Lower Upper

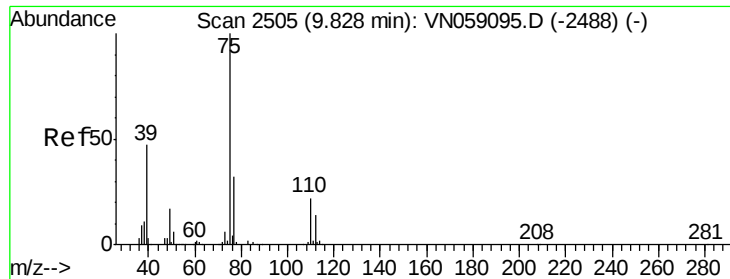
43 100

58 32.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059244.D (-2457) (-)





#54

cis-1,3-Dichloropropene

Concen: 4.088 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

TP-1

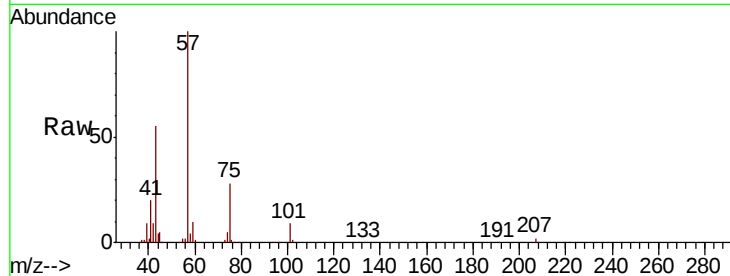
Tot Ion: 75 Resp: 33452

Ion Ratio Lower Upper

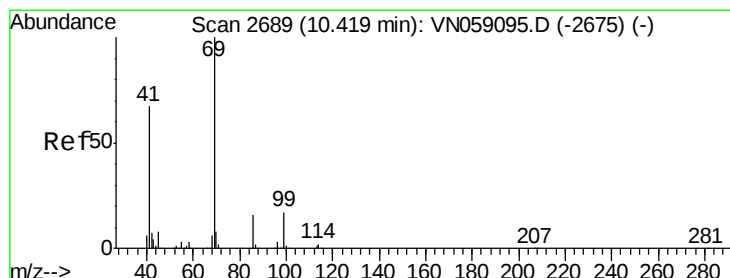
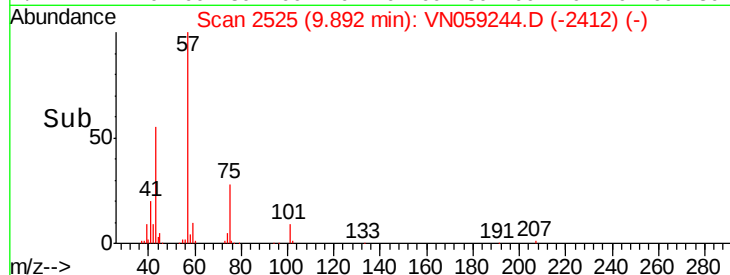
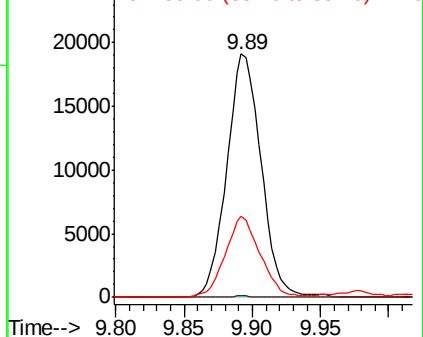
75 100

77 0.8 25.5 38.3#

39 33.2 37.3 55.9#



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



#56

Ethyl methacrylate

Concen: 2.026 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

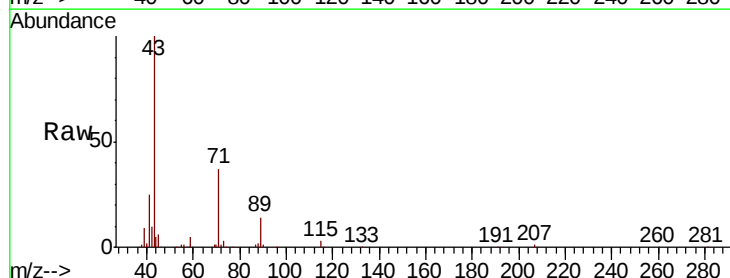
Tgt Ion: 69 Resp: 1251

Ion Ratio Lower Upper

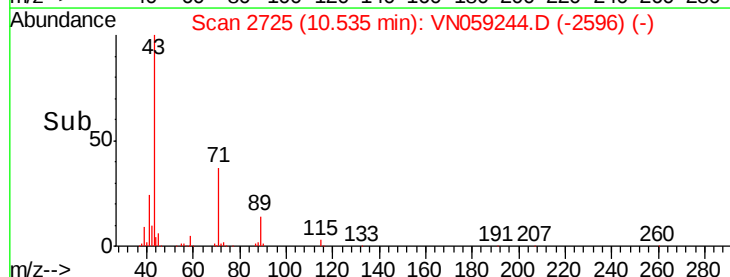
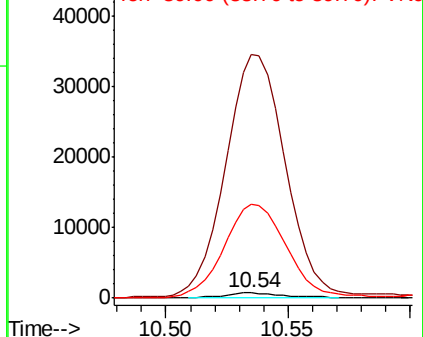
69 100

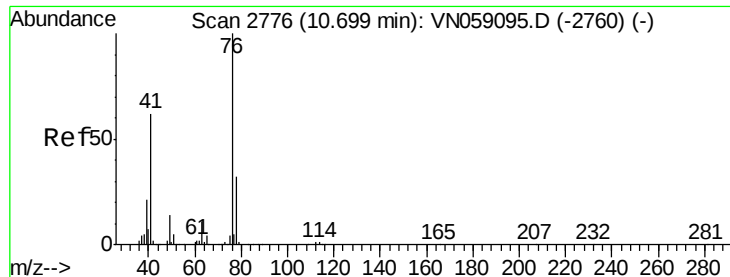
41 4754.2 53.6 80.4#

39 1911.0 26.2 39.4#



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





#57

1,3-Dichloropropane

Concen: 0.541 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

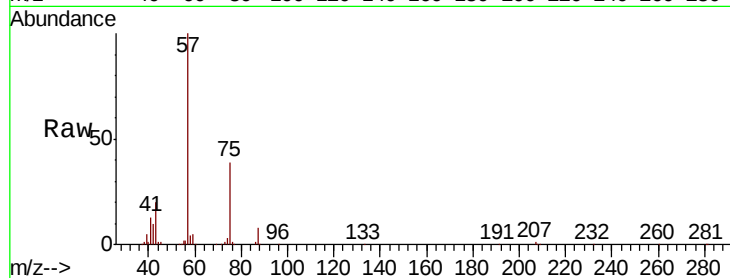
TP-1

Tot Ion: 76 Resp: 4404

Ion Ratio Lower Upper

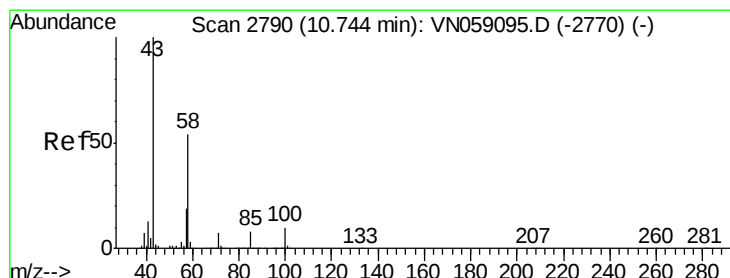
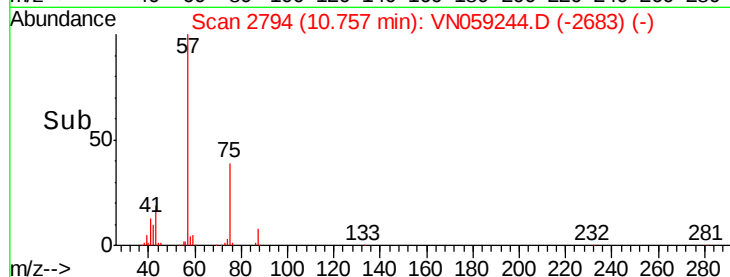
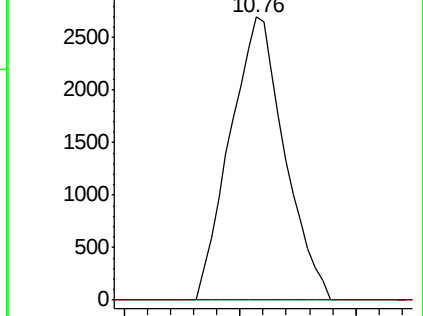
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 12.780 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN059244.D

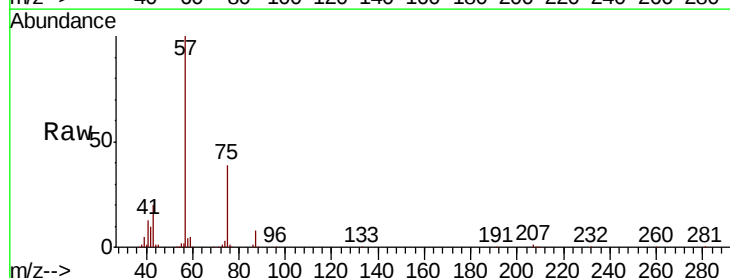
Acq: 14 Nov 2019 19:02

Tgt Ion: 43 Resp: 63688

Ion Ratio Lower Upper

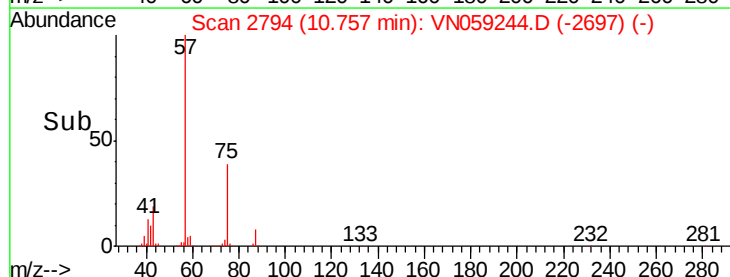
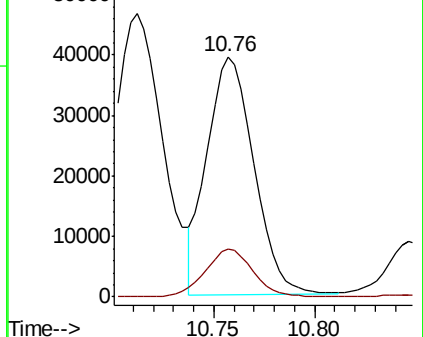
43 100

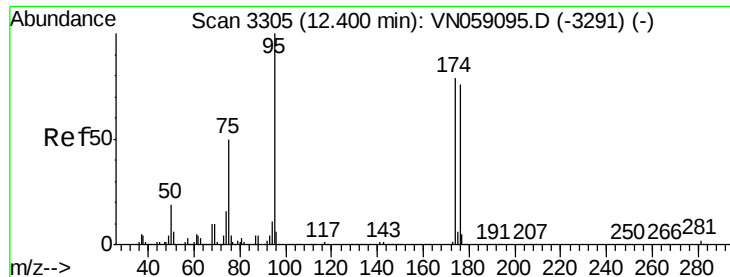
58 20.5 27.3 81.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.008 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

TP-1

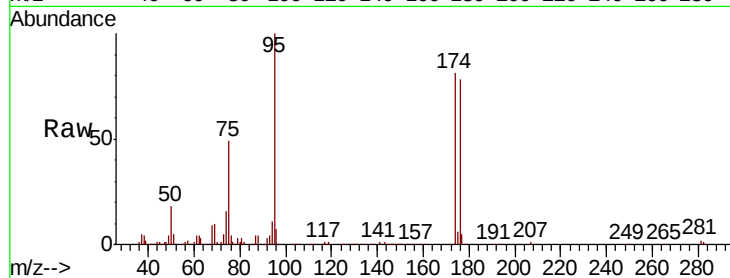
Tot Ion: 95 Resp: 275918

Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.2

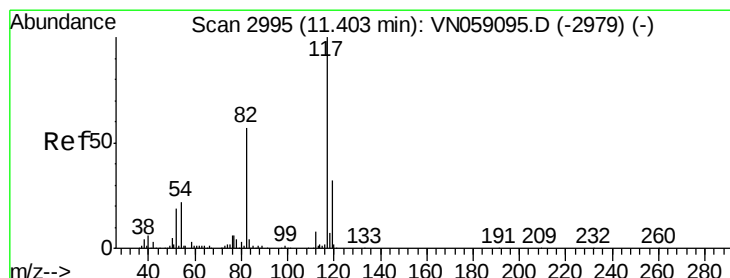
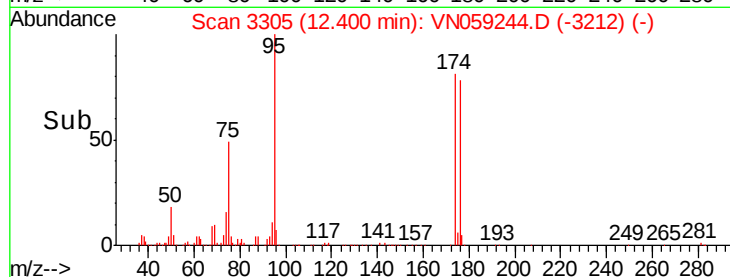
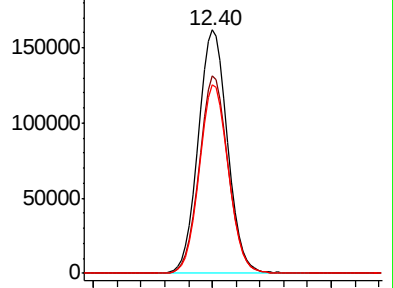
176 76.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

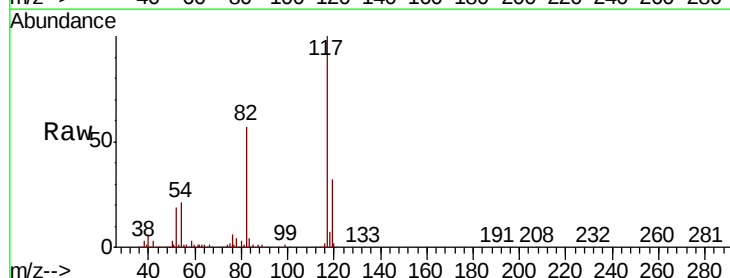
Tgt Ion: 117 Resp: 609741

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.8

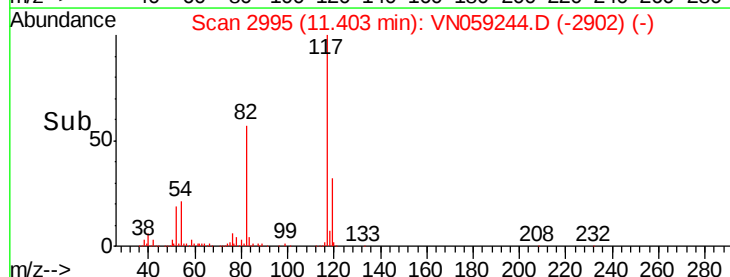
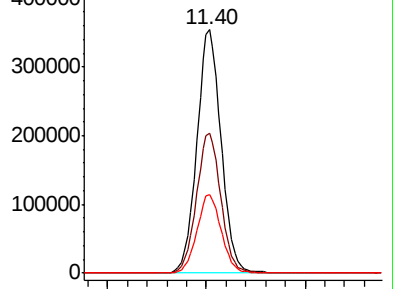
119 32.3 25.8 38.6

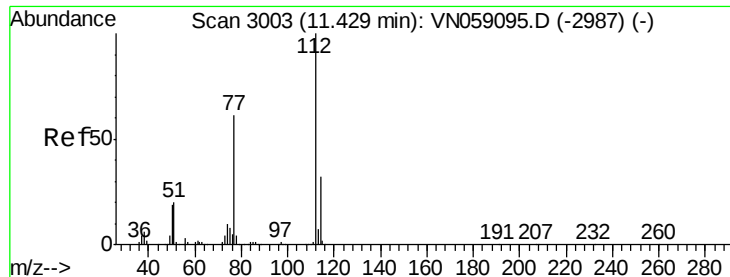


Abundance Ion 116.90 (116.60 to 117.60): VN059095.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059095.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059095.D (-2979) (-)

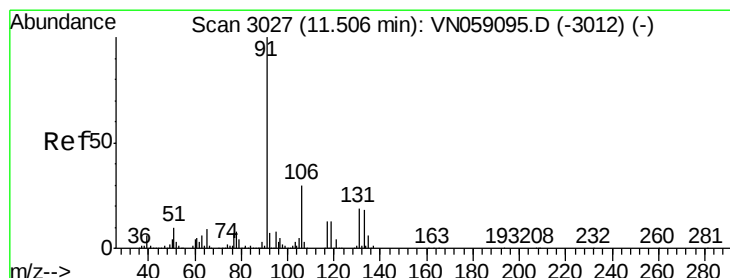
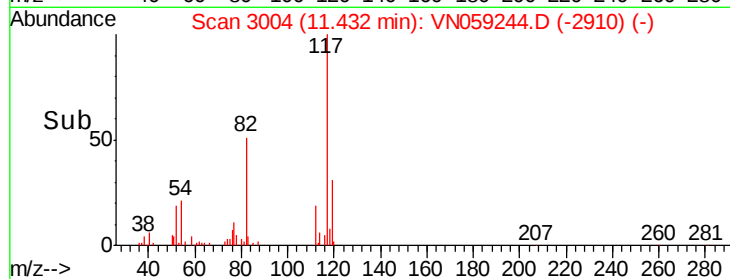
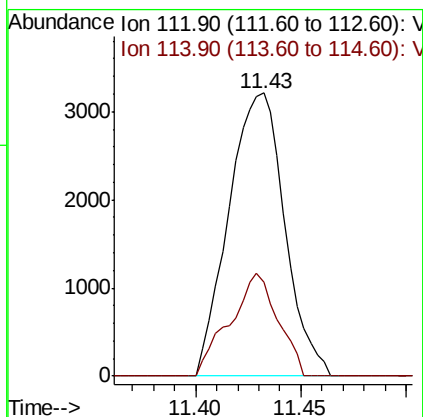
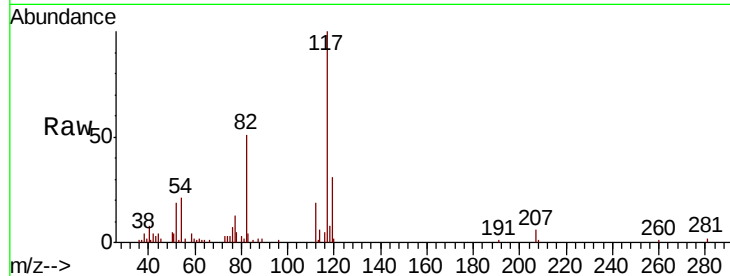




#65
Chlorobenzene
Concen: 0.497 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

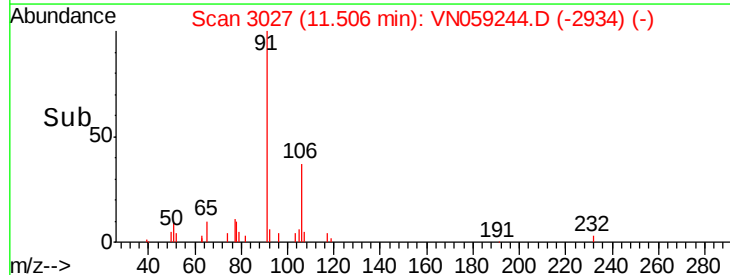
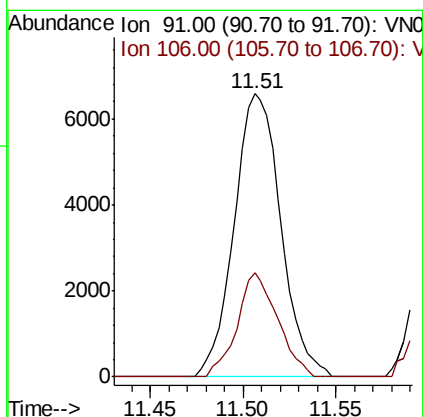
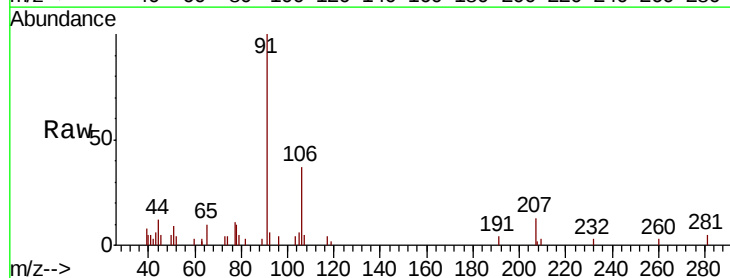
Instrument :
MSVOA_N
ClientSampled :
TP-1

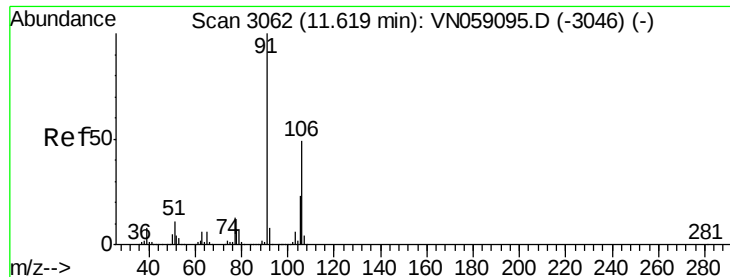
Tot Ion:112 Resp: 5912
Ion Ratio Lower Upper
112 100
114 33.2 25.2 37.8



#67
Ethyl Benzene
Concen: 0.547 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 91 Resp: 11539
Ion Ratio Lower Upper
91 100
106 36.9 24.1 36.1#





#68

m/p-Xylenes

Concen: 1.734 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.01 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

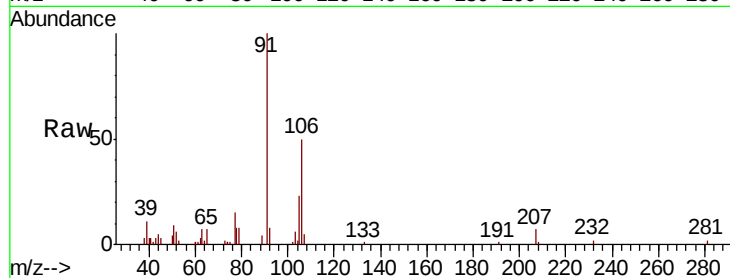
TP-1

Tot Ion:106 Resp: 13698

Ion Ratio Lower Upper

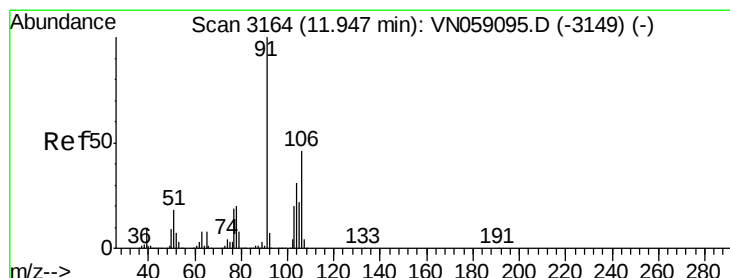
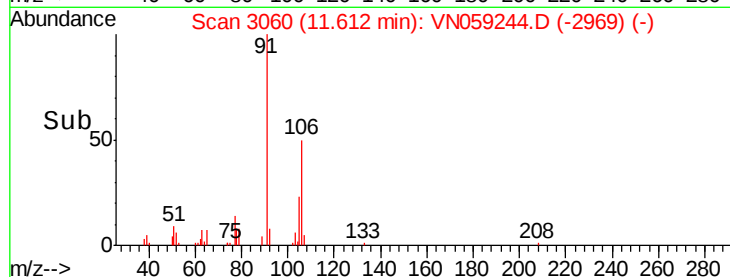
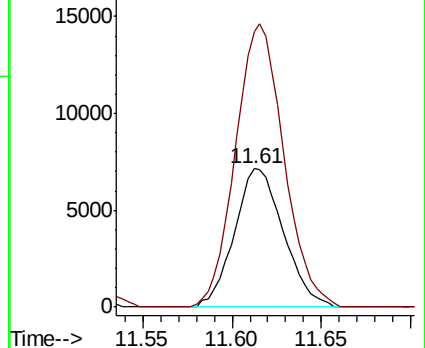
106 100

91 201.8 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.862 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059244.D

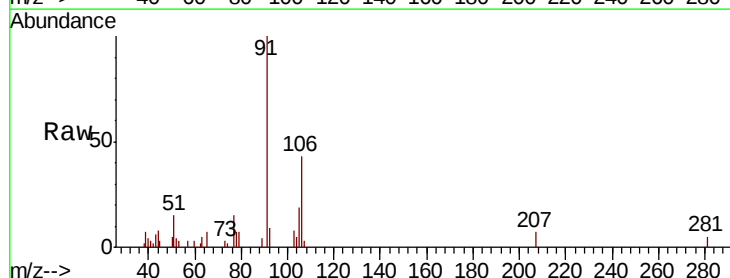
Acq: 14 Nov 2019 19:02

Tgt Ion:106 Resp: 6579

Ion Ratio Lower Upper

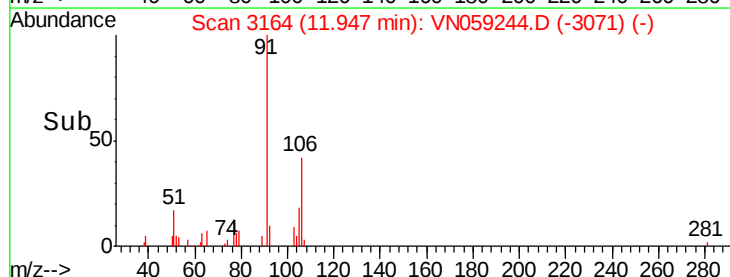
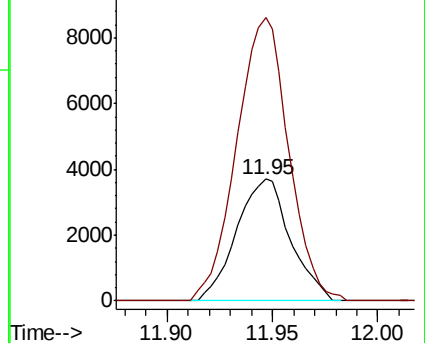
106 100

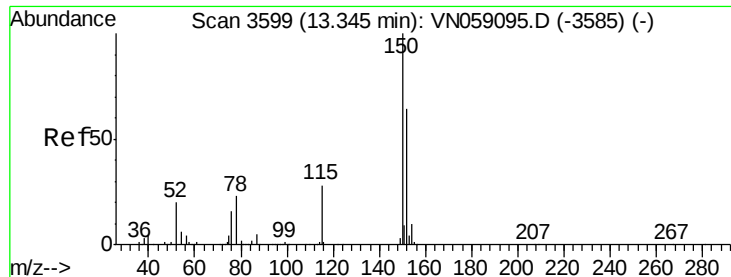
91 224.2 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1

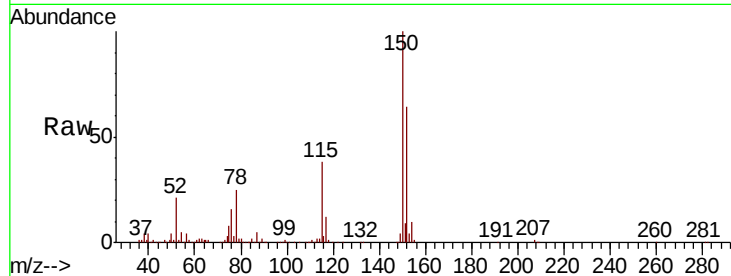
Tot Ion:152 Resp: 228478

Ion Ratio Lower Upper

152 100

115 59.6 29.4 88.2

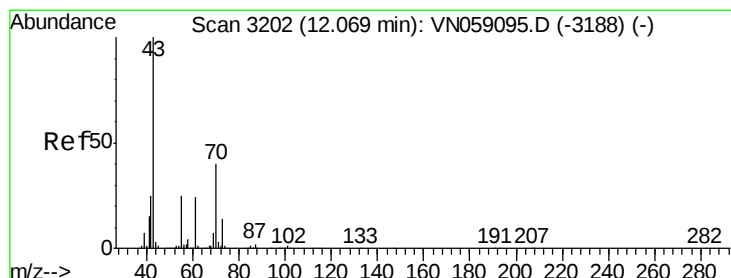
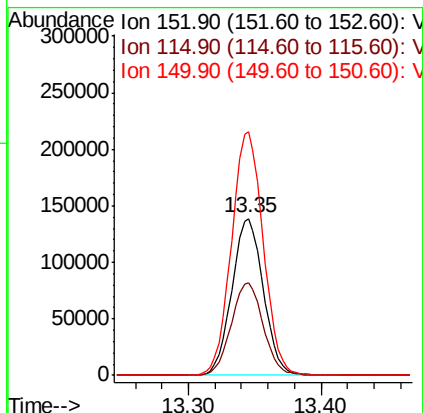
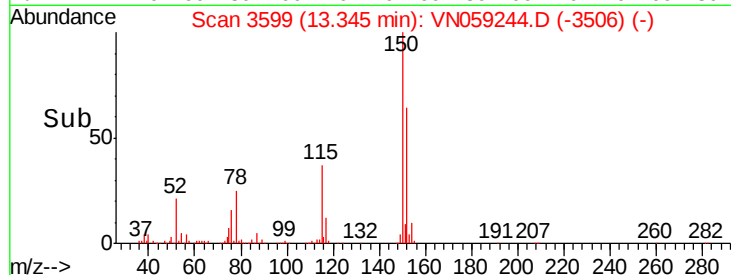
150 156.5 0.0 345.8



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



#74

N-ethyl acetate

Concen: 0.282 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Tgt Ion: 43 Resp: 1985

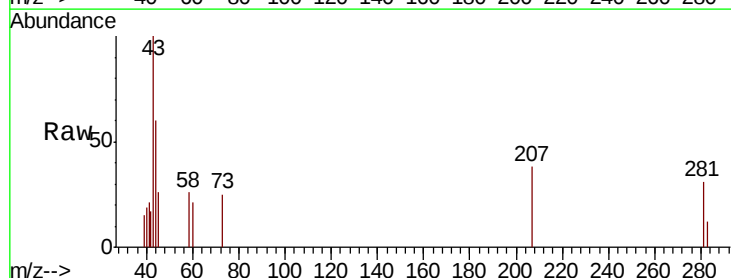
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 0.0 20.4 30.6#

61 0.0 19.3 28.9#

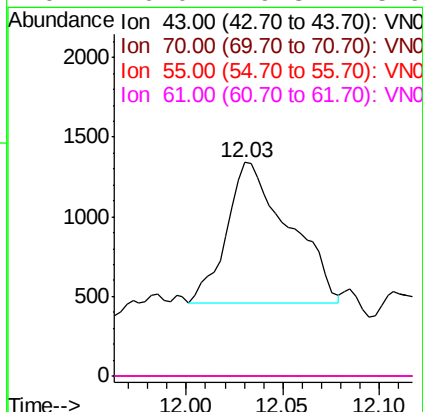
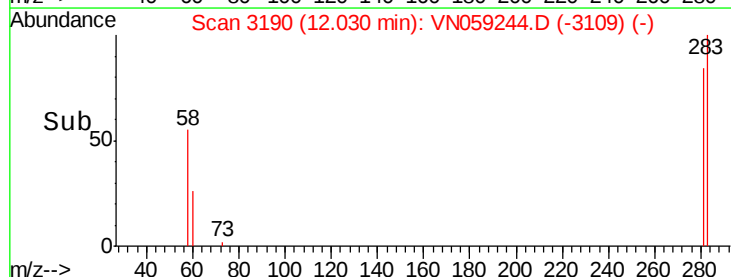


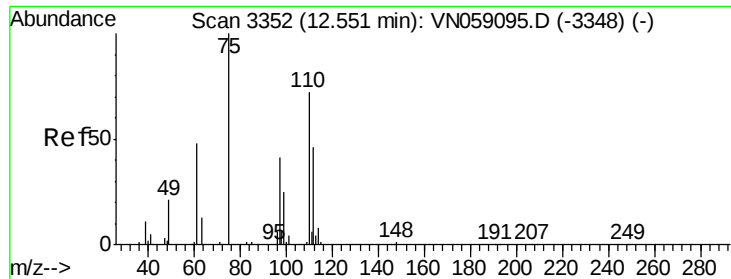
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 25.736 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

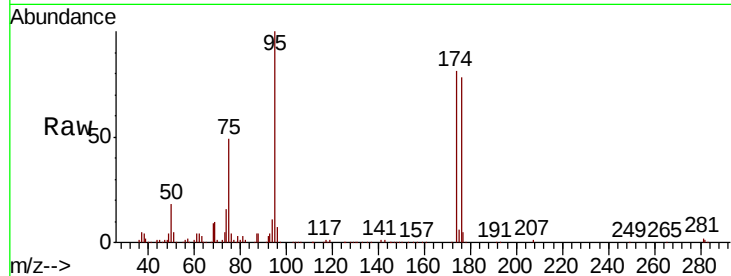
TP-1

Tot Ion: 75 Resp: 133870

Ion Ratio Lower Upper

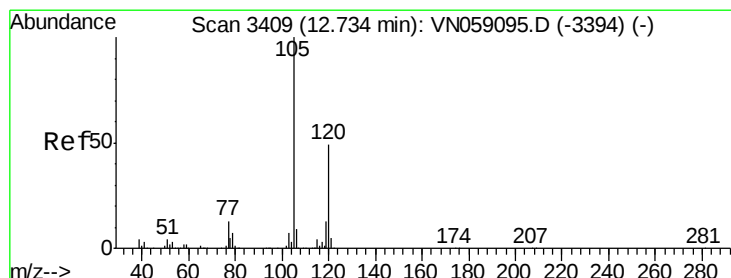
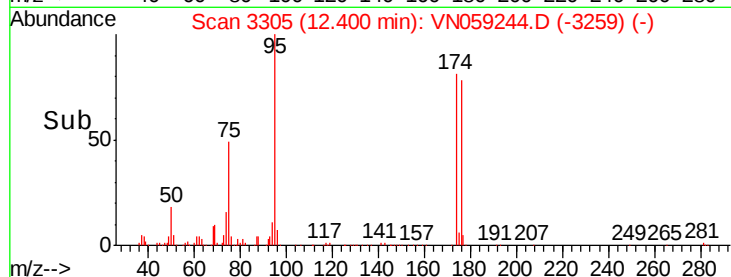
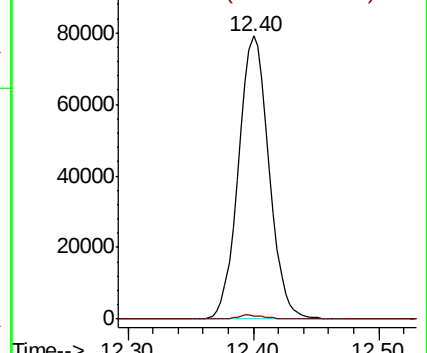
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.873 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059244.D

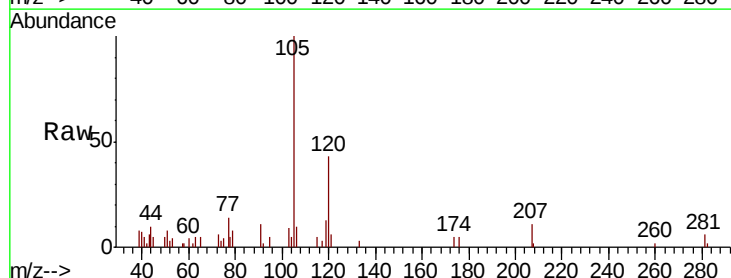
Acq: 14 Nov 2019 19:02

Tgt Ion: 105 Resp: 12298

Ion Ratio Lower Upper

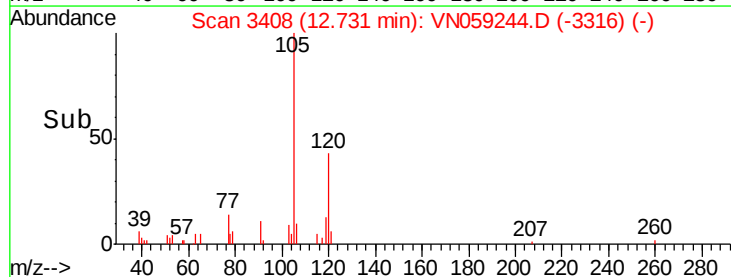
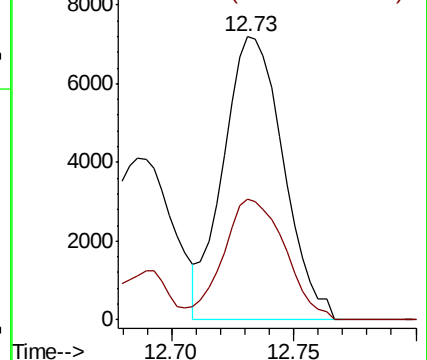
105 100

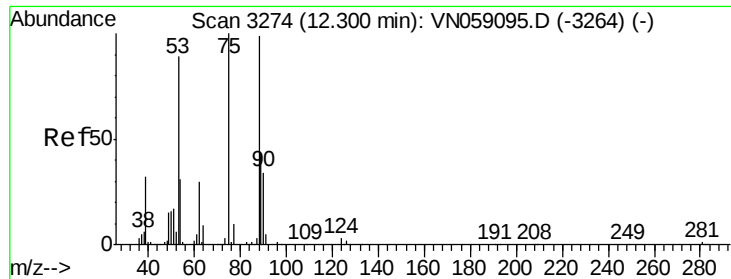
120 43.9 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 67.976 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

TP-1

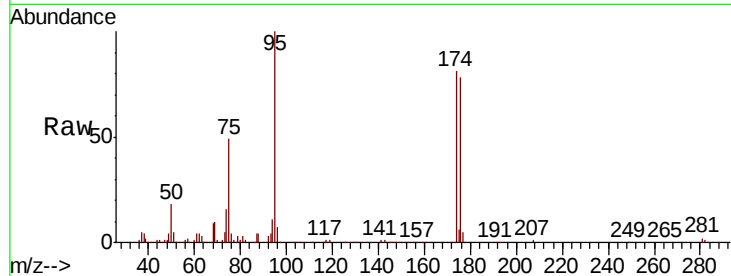
Tot Ion: 75 Resp: 133870

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

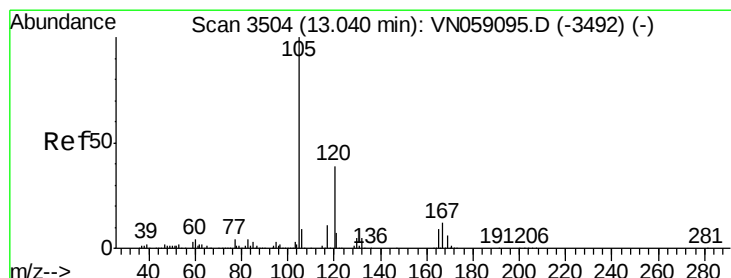
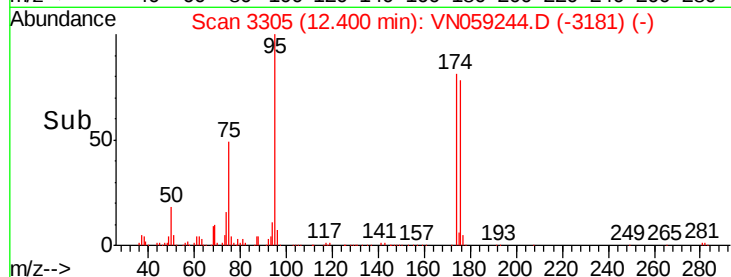
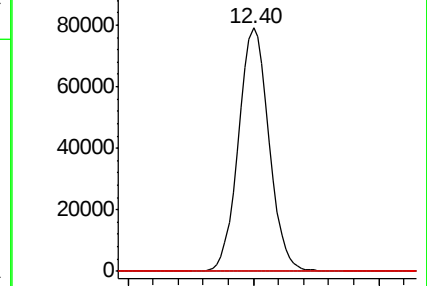
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN059095.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN059095.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 3.025 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059244.D

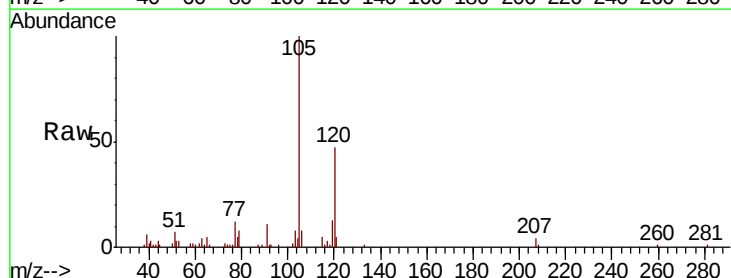
Acq: 14 Nov 2019 19:02

Tgt Ion: 105 Resp: 41214

Ion Ratio Lower Upper

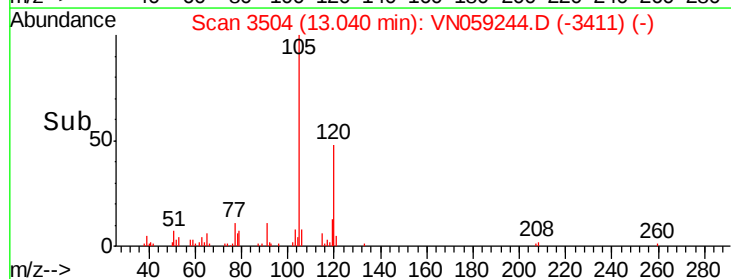
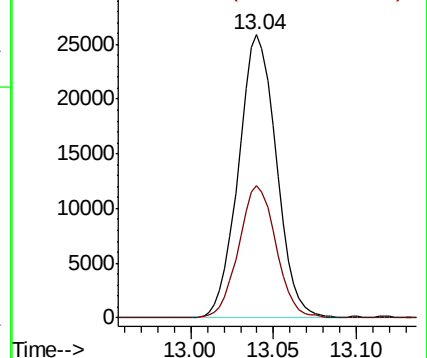
105 100

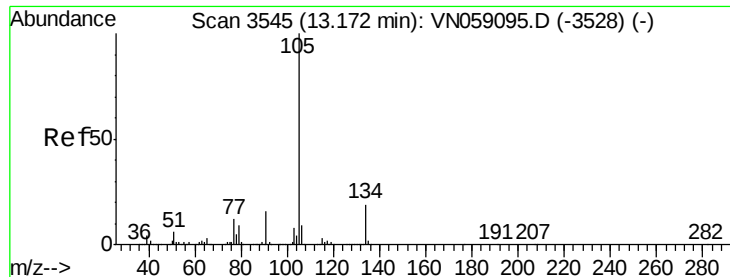
120 46.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3492) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3492) (-)





#85

sec-Butylbenzene

Concen: 2.606 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

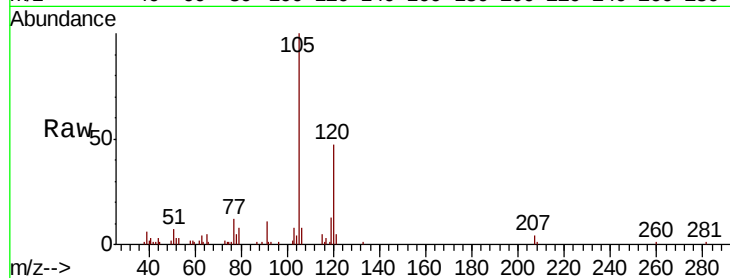
TP-1

Tot Ion:105 Resp: 41214

Ion Ratio Lower Upper

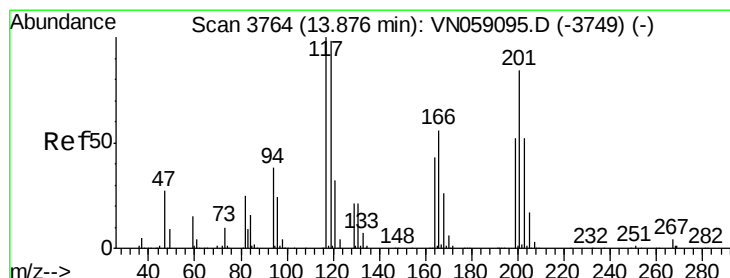
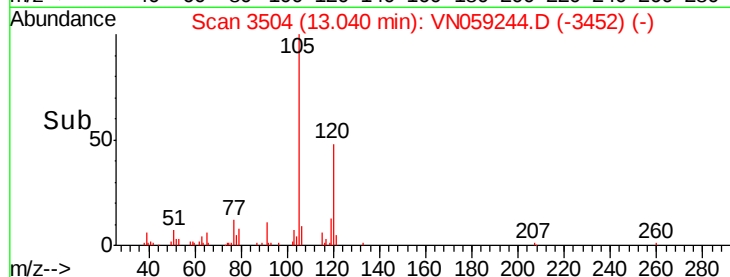
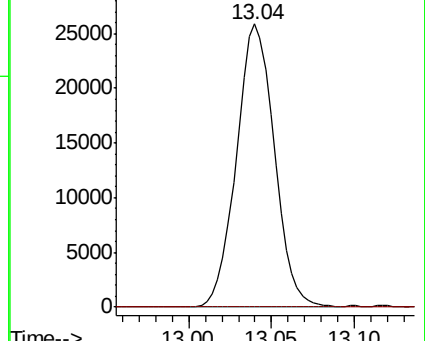
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.273 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN059244.D

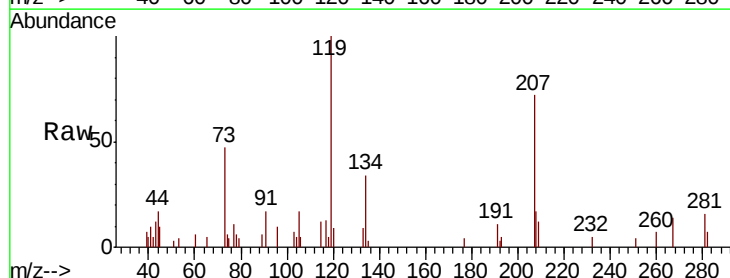
Acq: 14 Nov 2019 19:02

Tgt Ion:117 Resp: 765

Ion Ratio Lower Upper

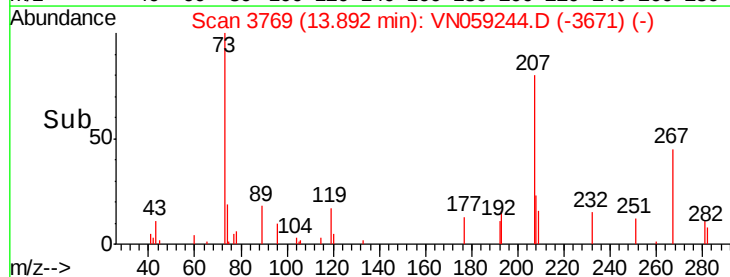
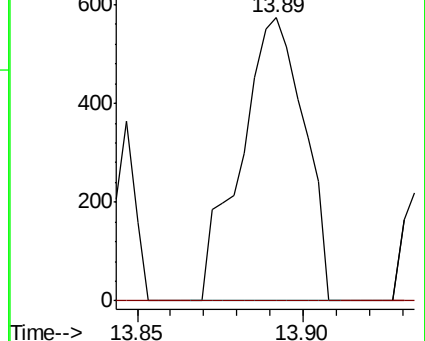
117 100

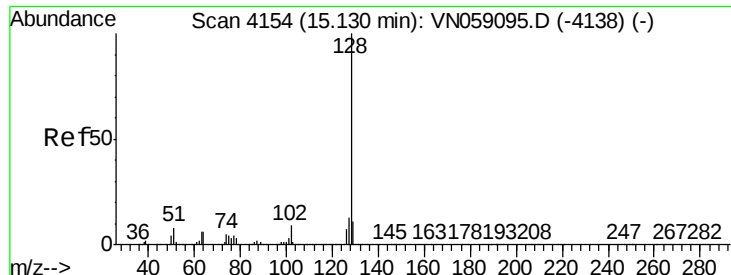
201 0.0 41.8 125.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 6.104 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1

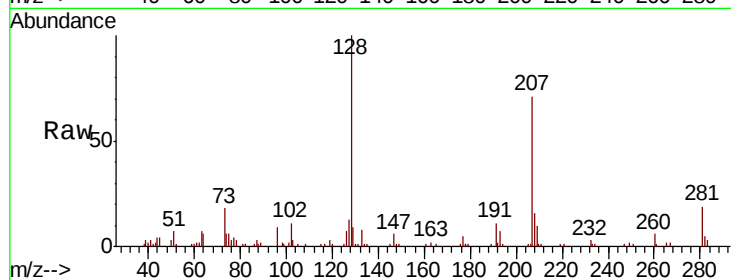
Tot Ion:128 Resp: 38566

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.6 8.6 12.8



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

