

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063252.D
 Acq On : 4 Sep 2020 17:01
 Operator : JC/MD
 Sample : L3871-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-090220

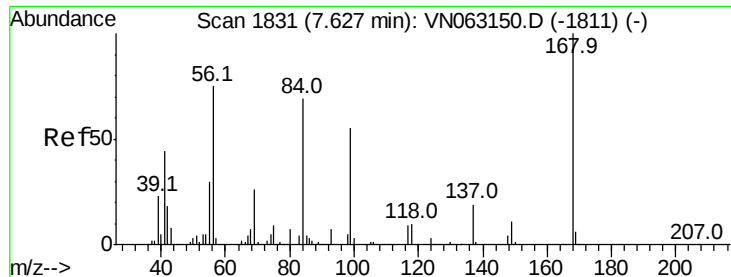
Quant Time: Sep 05 07:31:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	577859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	601604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	230584	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
35) Dibromofluoromethane	7.55	113	182146	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	10.06	98	758918	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.38	95	259509	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1331	0.315	ug/l #	52
7) Trichlorofluoromethane	2.99	101	125	Below Cal	#	19
11) Tert butyl alcohol	4.71	59	709	1.200	ug/l #	84
13) Acrolein	3.57	56	30	15.894	ug/l #	1
15) Acrylonitrile	4.87	53	170	2.506	ug/l #	17
16) Acetone	3.78	43	41126	30.066	ug/l	98
18) Methyl Acetate	4.28	43	1612	0.460	ug/l #	25
20) Methylene Chloride	4.50	84	18412	4.338	ug/l	93
25) 2-Butanone	6.80	43	4975	2.349	ug/l	97
29) Tetrahydrofuran	7.17	42	669	0.457	ug/l #	26
31) Cyclohexane	7.63	56	9190	Below Cal	#	30
36) 1,1-Dichloropropene	7.63	75	26625	4.793	ug/l #	51
37) Ethyl Acetate	6.86	43	664	0.506	ug/l #	72
38) Carbon Tetrachloride	7.63	117	33734	5.988	ug/l #	15
43) Isopropyl Acetate	8.13	43	88526	9.771	ug/l #	87
48) Methyl methacrylate	9.15	41	5683	1.391	ug/l #	12
49) 1,4-Dioxane	9.15	88	34	0.538	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	11505	2.337	ug/l	92
54) cis-1,3-Dichloropropene	9.87	75	36096	5.120	ug/l #	69
57) 1,3-Dichloropropane	10.74	76	6048	0.872	ug/l #	45
59) 2-Hexanone	10.74	43	83953	24.264	ug/l #	54
74) N-amyl acetate	12.01	43	3843	0.539	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	147181	33.368	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	147181	80.650	ug/l #	10
95) Naphthalene	15.12	128	4529	0.350	ug/l #	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063252.D

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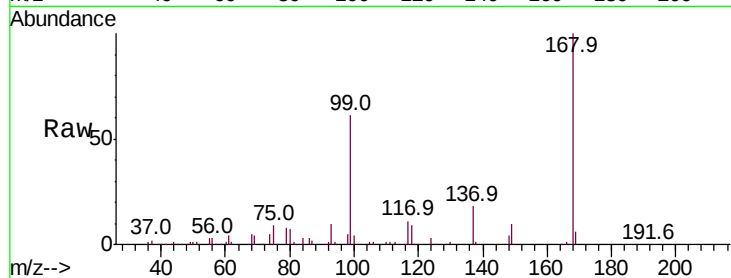
TR-05-090220

Tot Ion:168 Resp: 294354

Ion Ratio Lower Upper

168 100

99 60.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063150.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1811) (-)

7.63

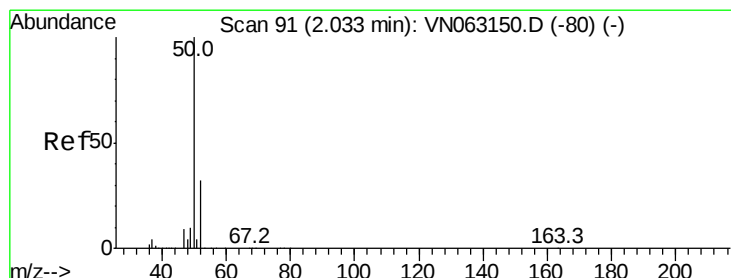
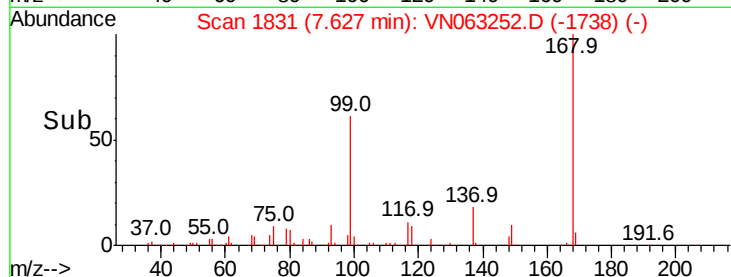
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.315 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063252.D

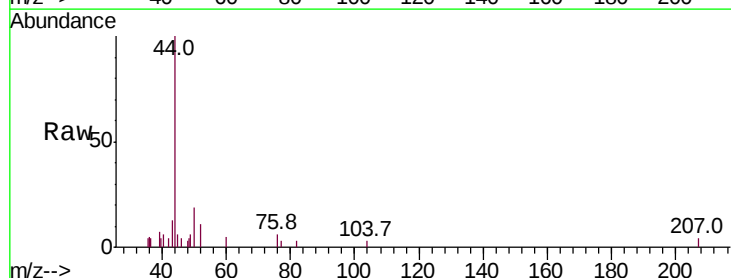
Acq: 4 Sep 2020 17:01

Tgt Ion: 50 Resp: 1331

Ion Ratio Lower Upper

50 100

52 59.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN063150.D (-80) (-)

Ion 51.90 (51.60 to 52.60): VN063150.D (-80) (-)

2.04

1000

800

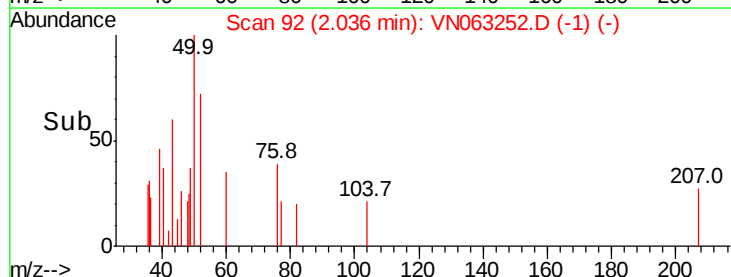
600

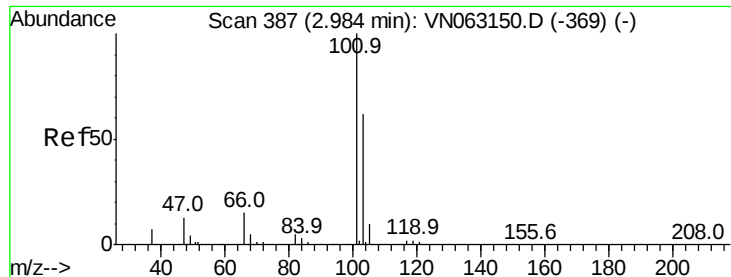
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.99 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

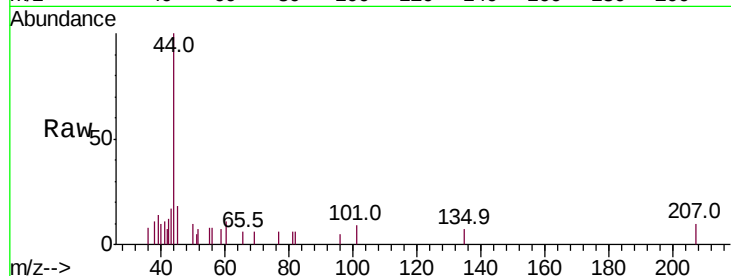
TR-05-090220

Tot Ion:101 Resp: 125

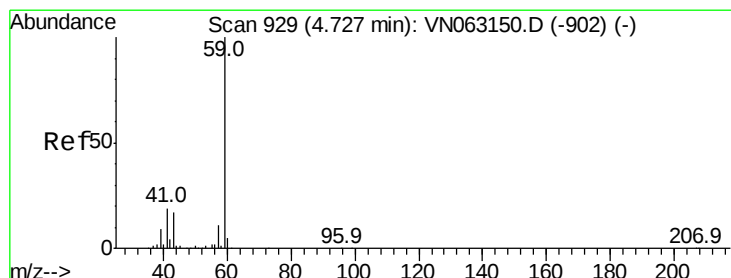
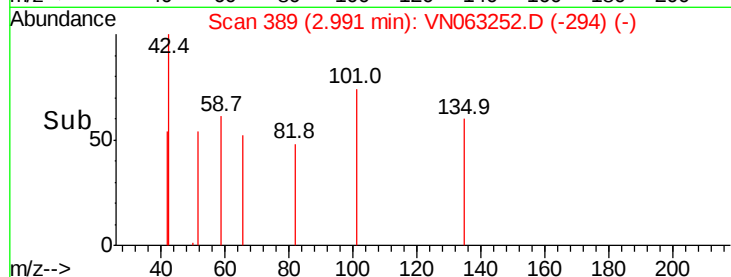
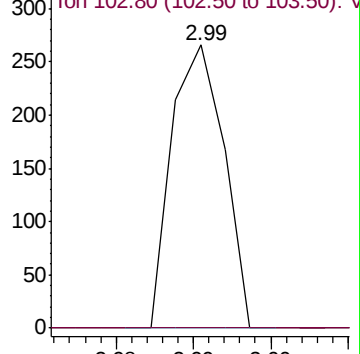
Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): V



#11

Tert butyl alcohol

Concen: 1.200 ug/l

RT: 4.71 min Scan# 924

Delta R.T. -0.02 min

Lab File: VN063252.D

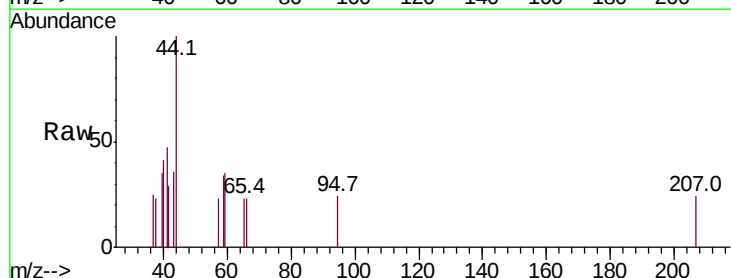
Acq: 4 Sep 2020 17:01

Tgt Ion: 59 Resp: 709

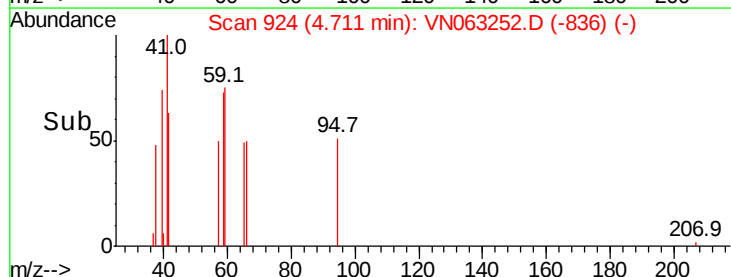
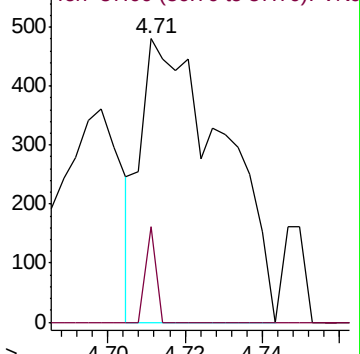
Ion Ratio Lower Upper

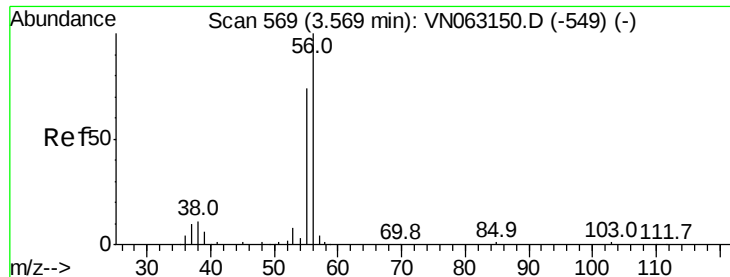
59 100

57 4.4 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0





#13

Acrolein

Concen: 15.894 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

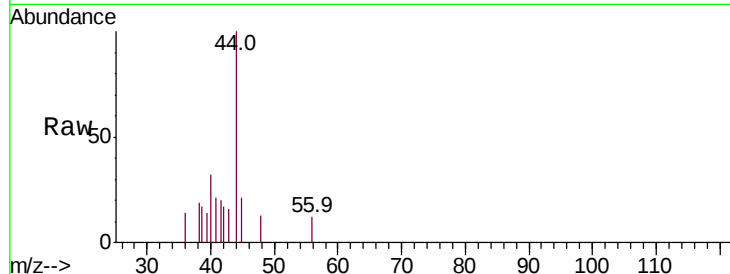
TR-05-090220

Tot Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 396.7 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

250

200

150

100

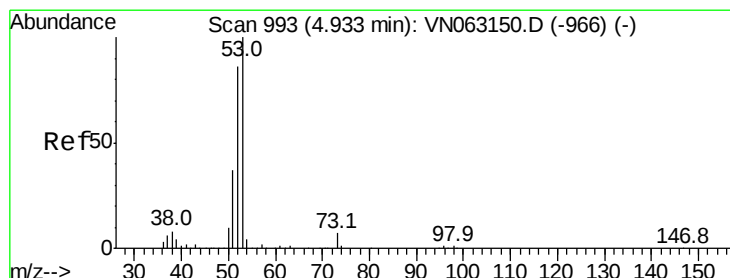
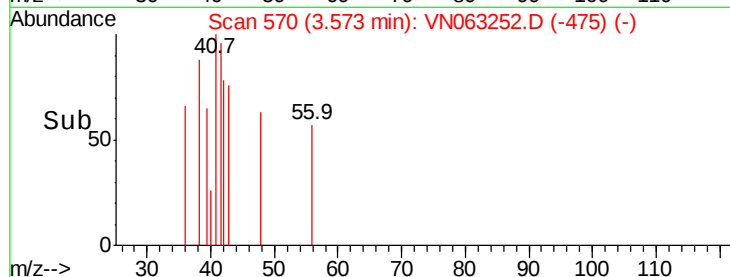
50

0

3.56 3.57 3.58 3.59

3.57

Time-->



#15

Acrylonitrile

Concen: 2.506 ug/l

RT: 4.87 min Scan# 974

Delta R.T. -0.06 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

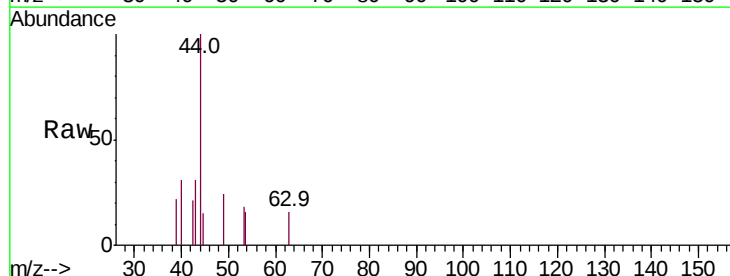
Tgt Ion: 53 Resp: 170

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 0.0 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

400

300

200

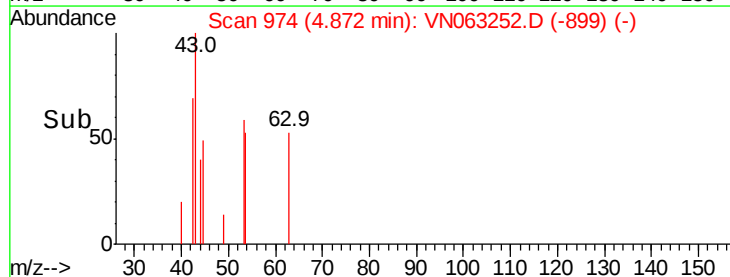
100

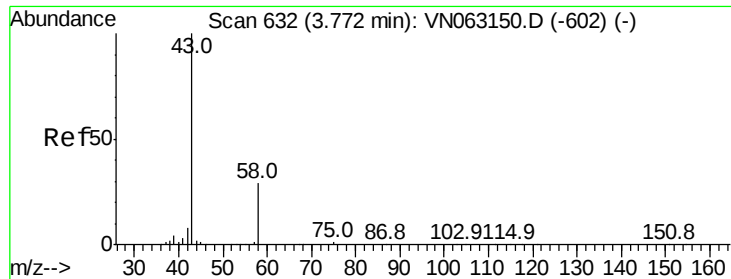
0

4.86 4.87 4.88

4.87

Time-->





#16

Acetone

Concen: 30.066 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

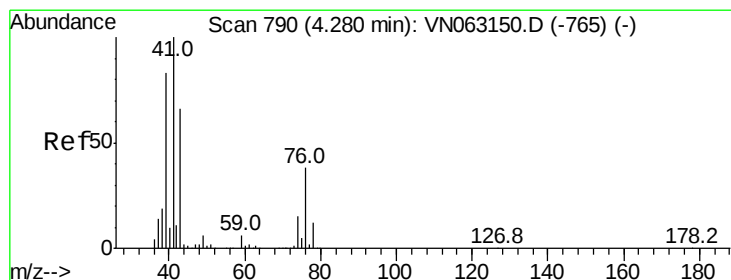
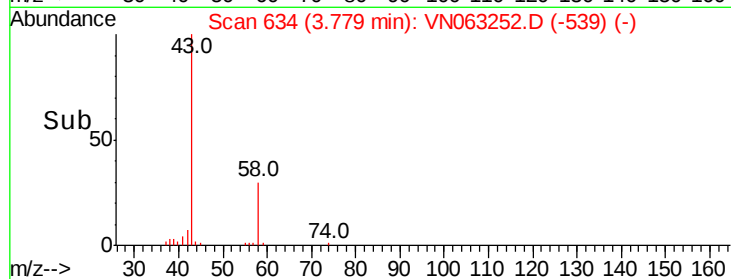
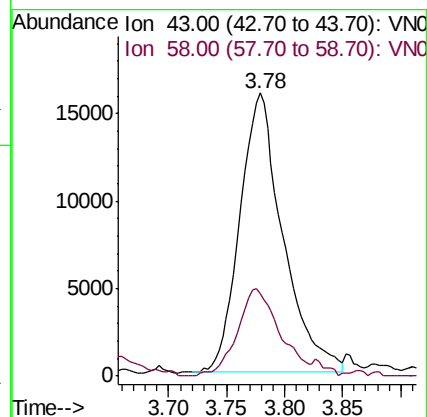
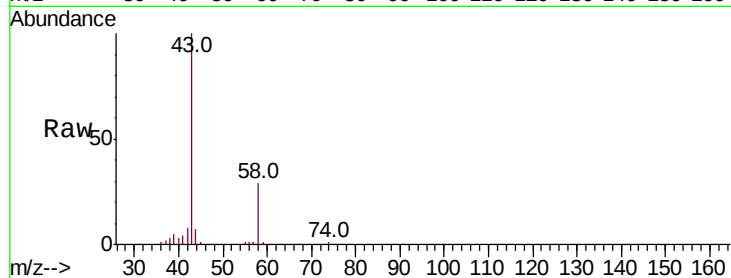
TR-05-090220

Tot Ion: 43 Resp: 41126

Ion Ratio Lower Upper

43 100

58 29.7 23.1 34.7



#18

Methyl Acetate

Concen: 0.460 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063252.D

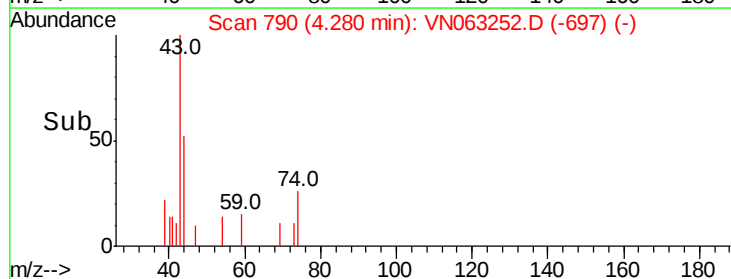
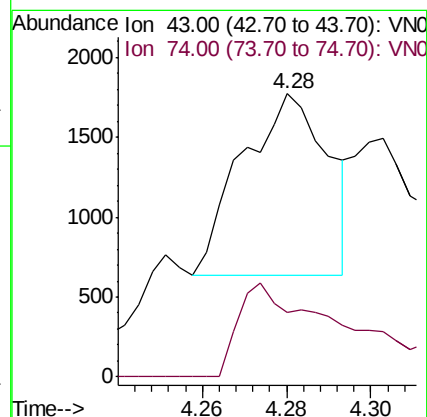
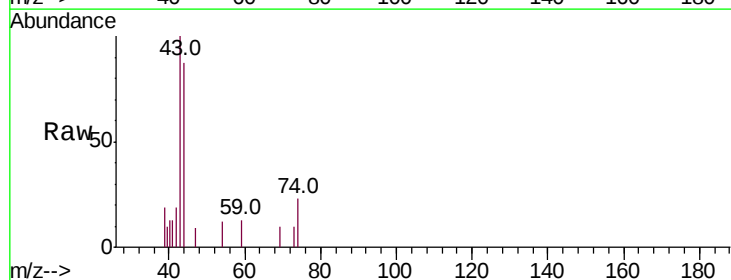
Acq: 4 Sep 2020 17:01

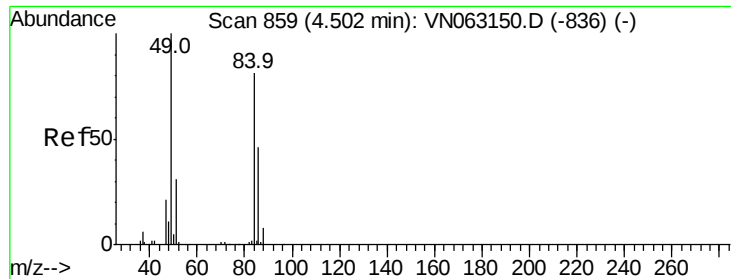
Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

43 100

74 60.5 19.0 28.6#

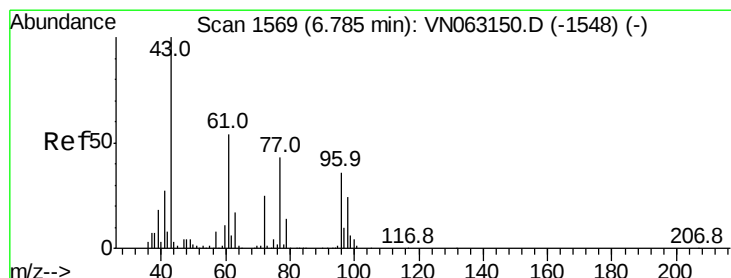
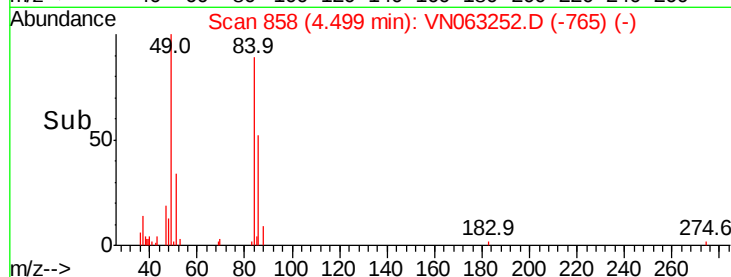
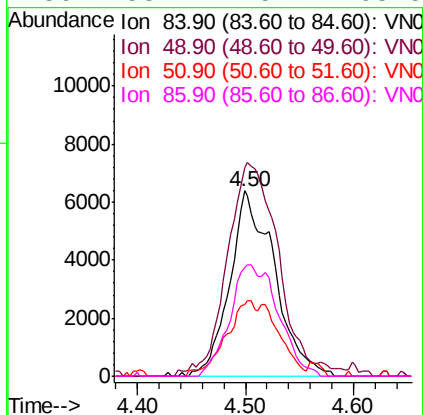
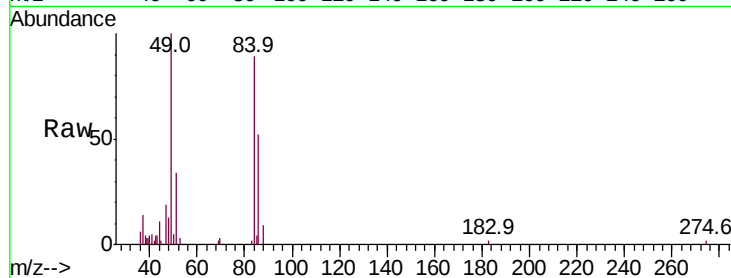




#20
Methvlene Chloride
Concen: 4.338 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063252.D
Acq: 4 Sep 2020 17:01

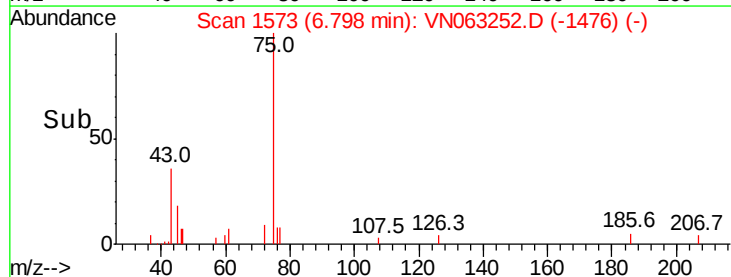
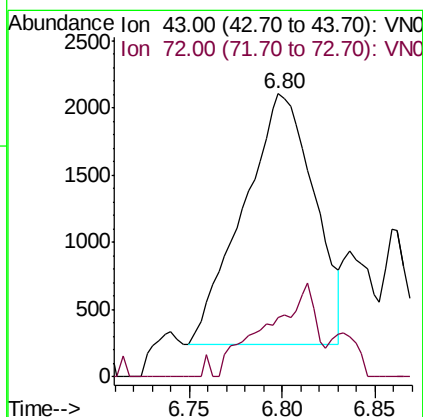
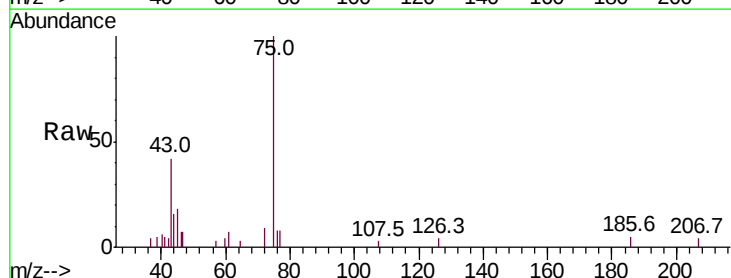
Instrument :
MSVOA_N
ClientSampled :
TR-05-090220

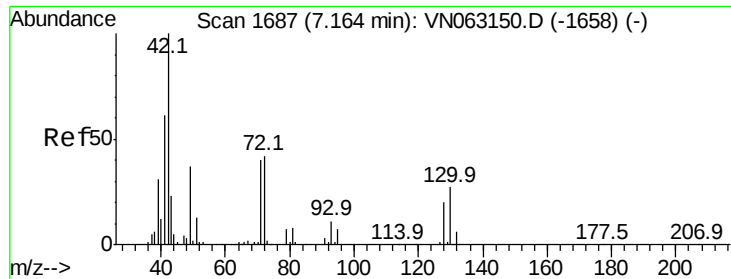
Tot Ion: 84 Resp: 18412
Ion Ratio Lower Upper
84 100
49 109.5 98.4 147.6
51 38.5 30.4 45.6
86 58.4 45.7 68.5



#25
2-Butanone
Concen: 2.349 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN063252.D
Acq: 4 Sep 2020 17:01

Tgt Ion: 43 Resp: 4975
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.4





#29

Tetrahydrofuran

Concen: 0.457 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampled :

TR-05-090220

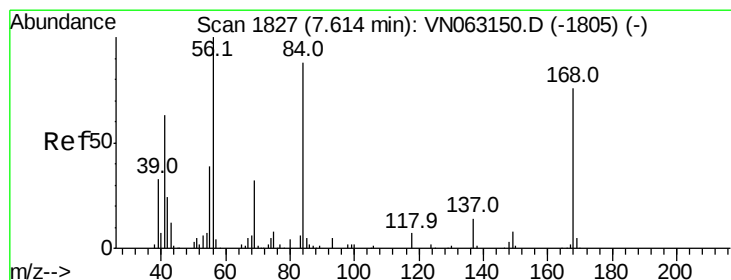
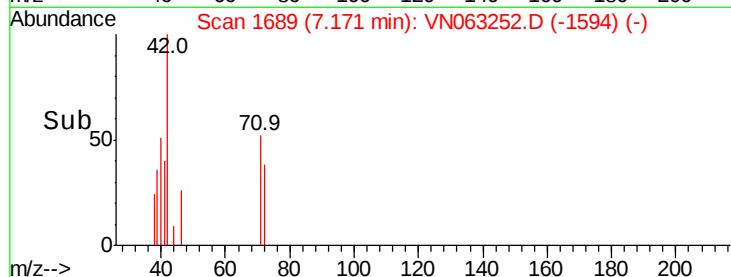
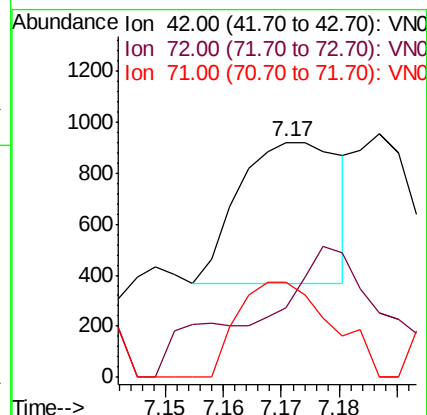
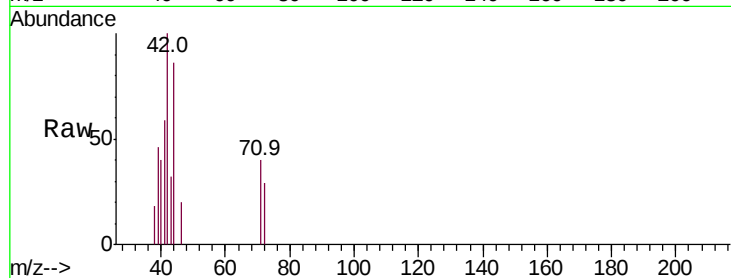
Tot Ion: 42 Resp: 669

Ion Ratio Lower Upper

42 100

72 112.4 33.9 50.9#

71 62.3 31.9 47.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

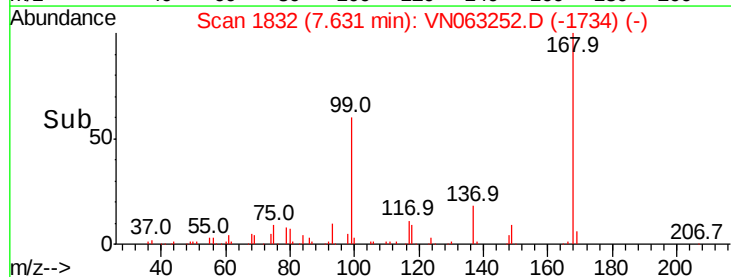
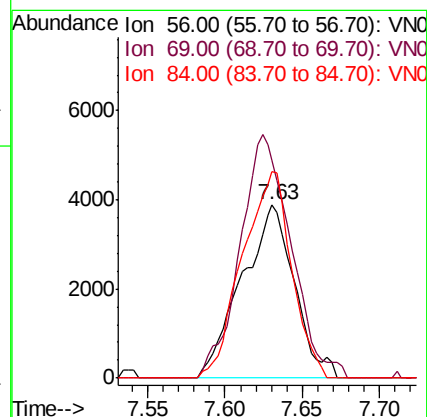
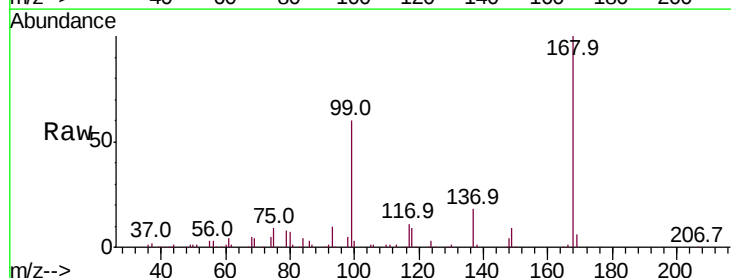
Tgt Ion: 56 Resp: 9190

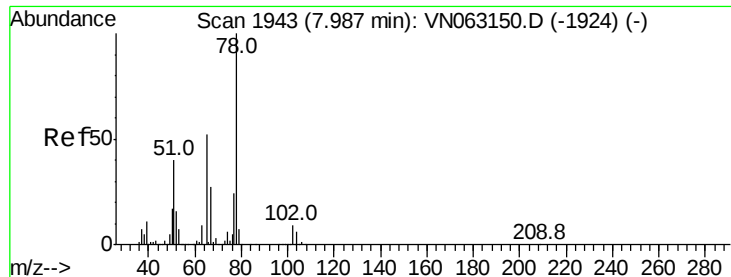
Ion Ratio Lower Upper

56 100

69 125.4 25.4 38.0#

84 119.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 47.920 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

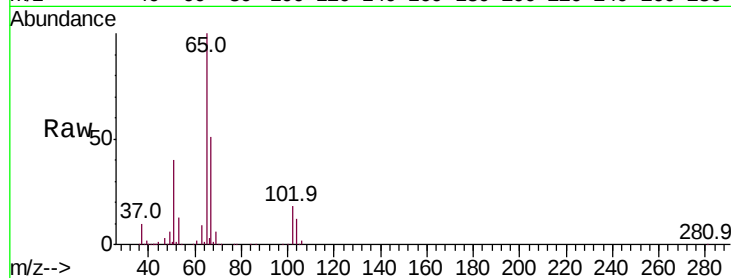
TR-05-090220

Tot Ion: 65 Resp: 230584

Ion Ratio Lower Upper

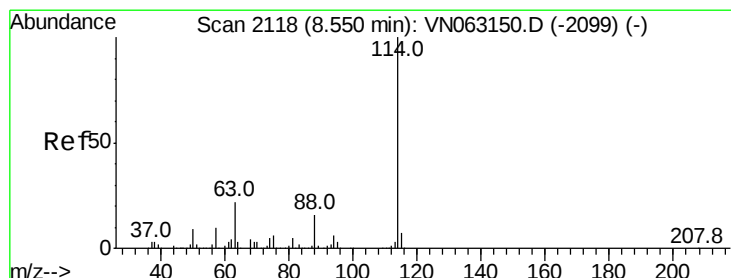
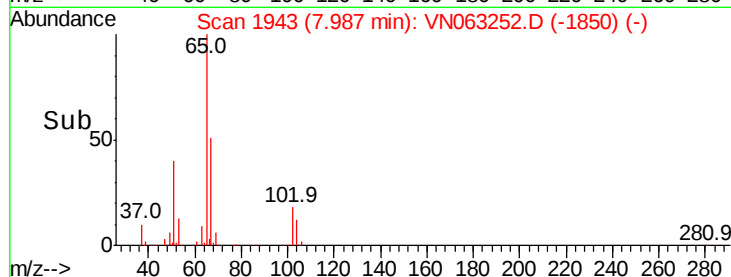
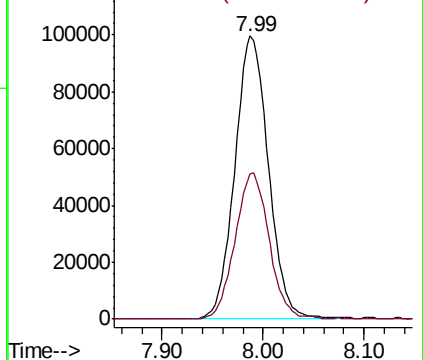
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

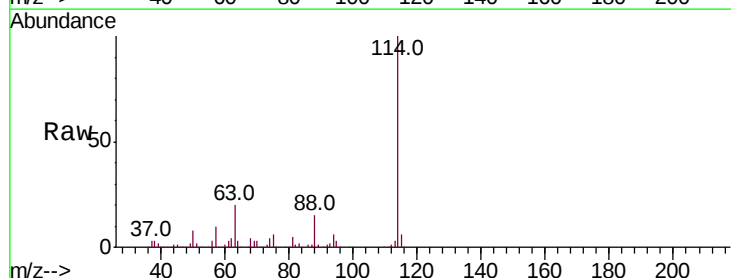
Tgt Ion: 114 Resp: 577859

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.0

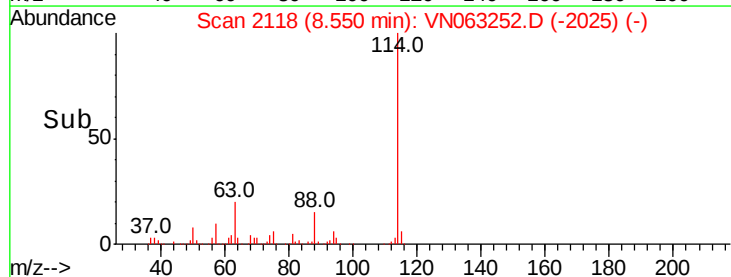
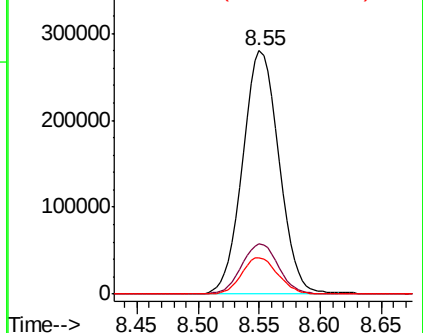
88 14.8 0.0 31.6

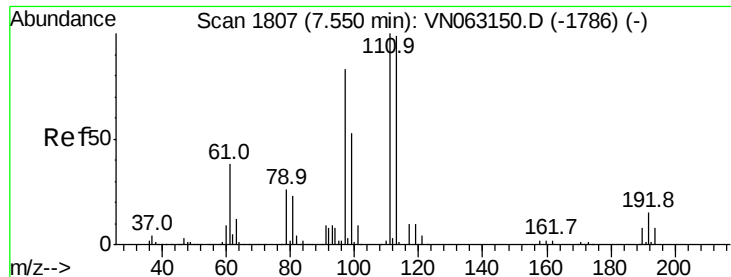


Abundance Ion 113.90 (113.60 to 114.60): VN0

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

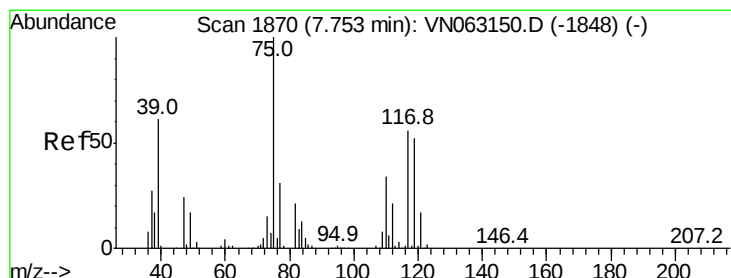
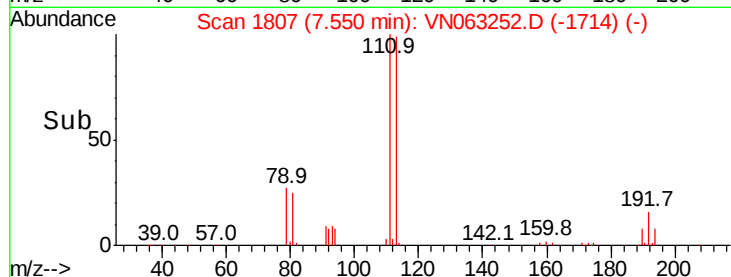
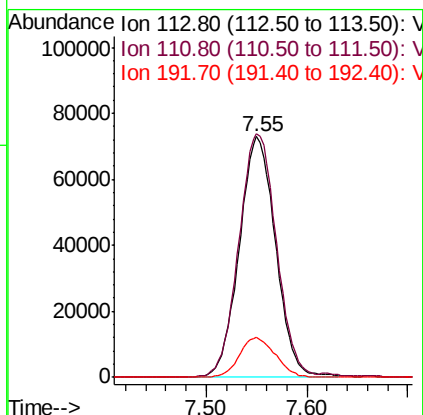
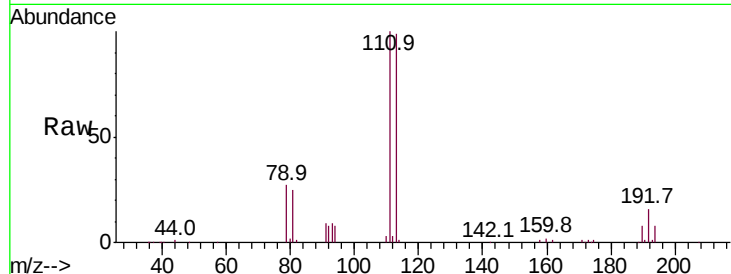




#35
 Dibromofluoromethane
 Concen: 49.132 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063252.D
 Acq: 4 Sep 2020 17:01

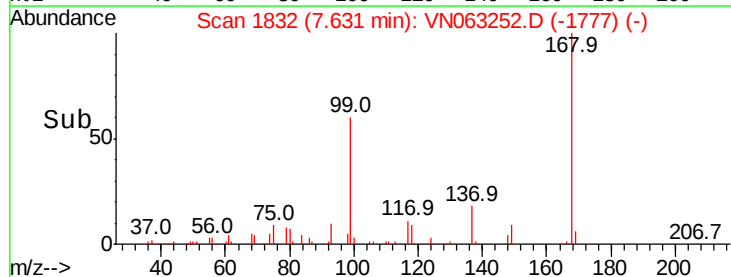
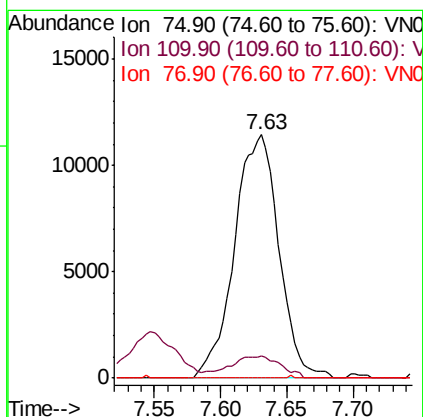
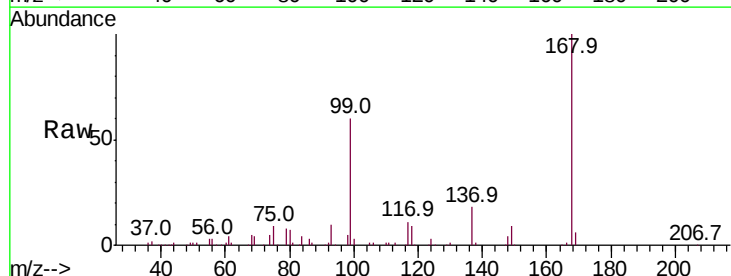
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-090220

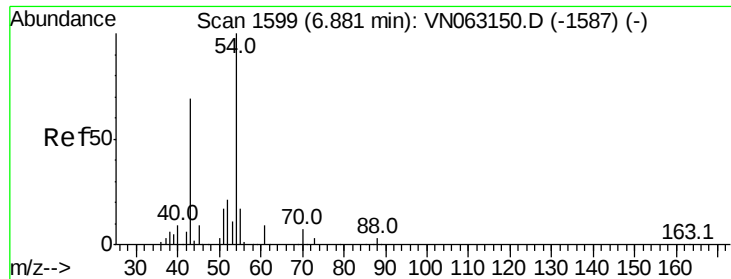
Tot Ion:113 Resp: 182146
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.7 121.1
 192 16.5 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063252.D
 Acq: 4 Sep 2020 17:01

Tgt Ion: 75 Resp: 26625
 Ion Ratio Lower Upper
 75 100
 110 10.1 16.6 49.8#
 77 0.0 25.4 38.2#

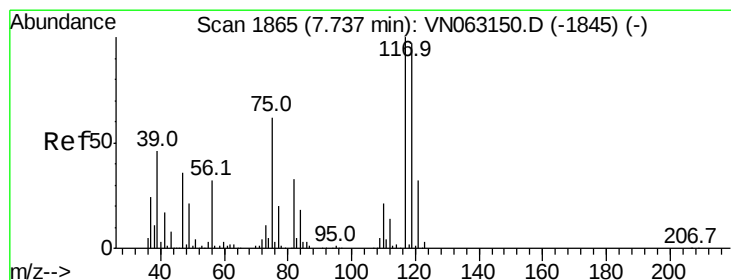
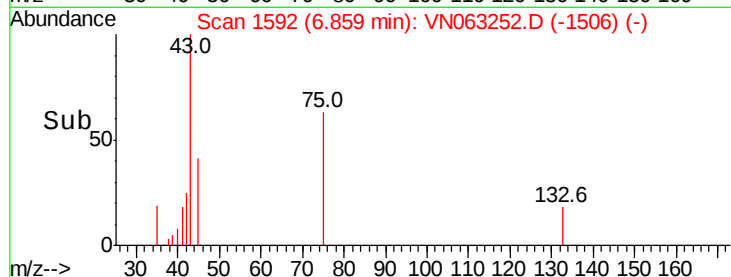
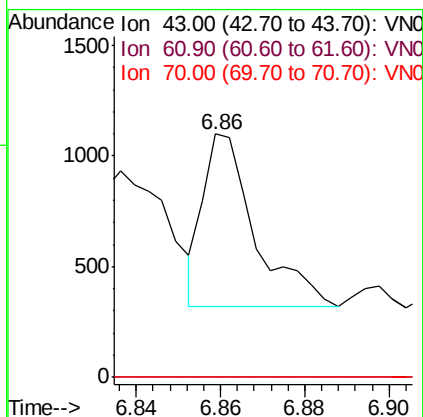
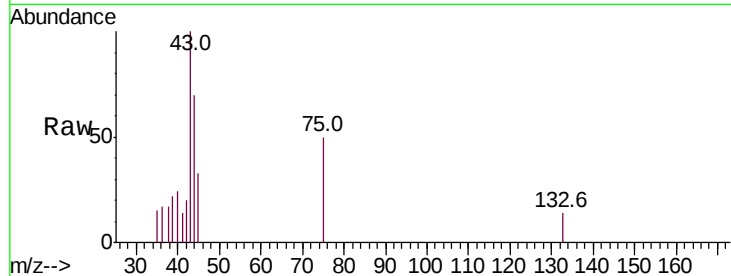




#37
Ethyl Acetate
Concen: 0.506 ug/l
RT: 6.86 min Scan# 1592
Delta R.T. -0.02 min
Lab File: VN063252.D
Acq: 4 Sep 2020 17:01

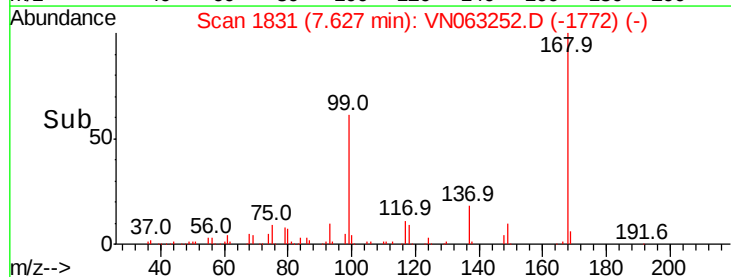
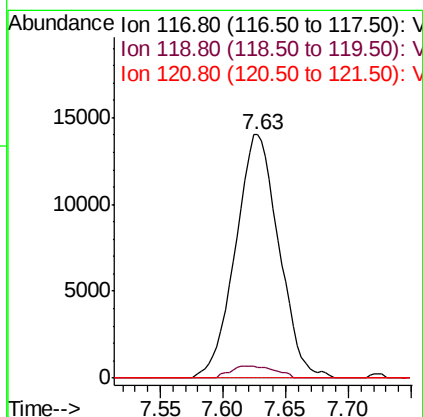
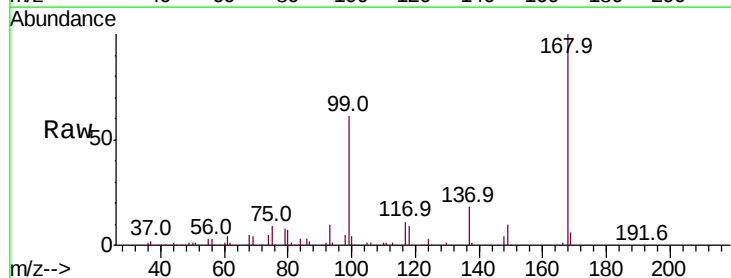
Instrument :
MSVOA_N
ClientSampled :
TR-05-090220

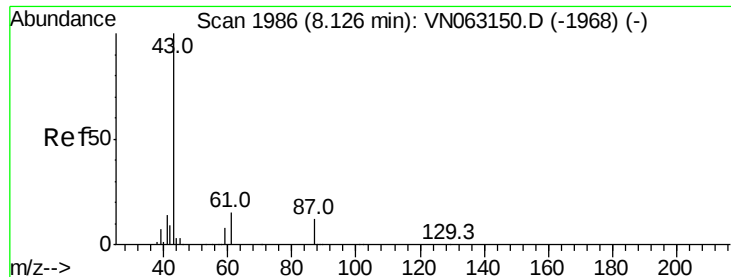
Tot Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063252.D
Acq: 4 Sep 2020 17:01

Tgt Ion: 117 Resp: 33734
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 9.771 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

TR-05-090220

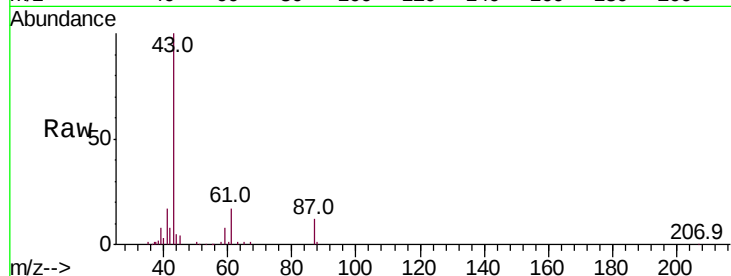
Tot Ion: 43 Resp: 88526

Ion Ratio Lower Upper

43 100

61 16.0 20.2 30.4#

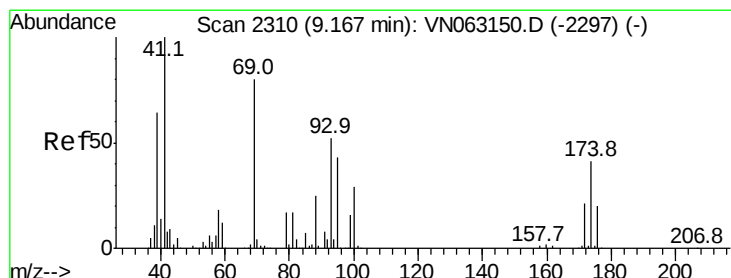
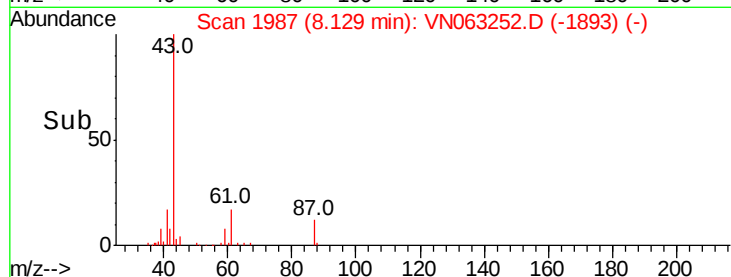
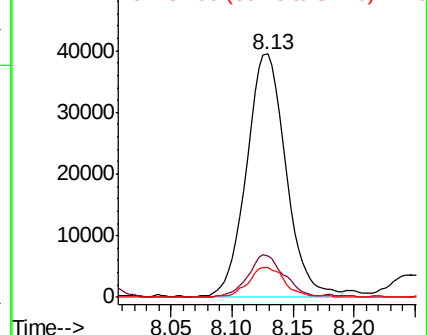
87 11.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.391 ug/l

RT: 9.15 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

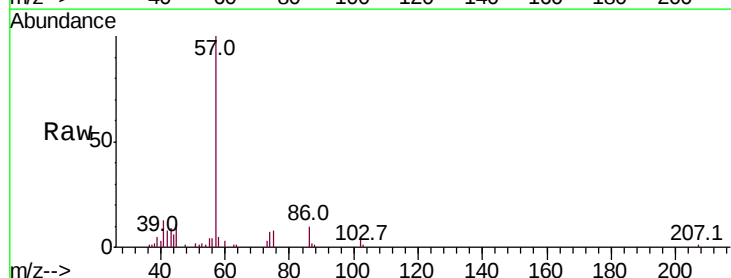
Tgt Ion: 41 Resp: 5683

Ion Ratio Lower Upper

41 100

69 0.0 65.9 98.9#

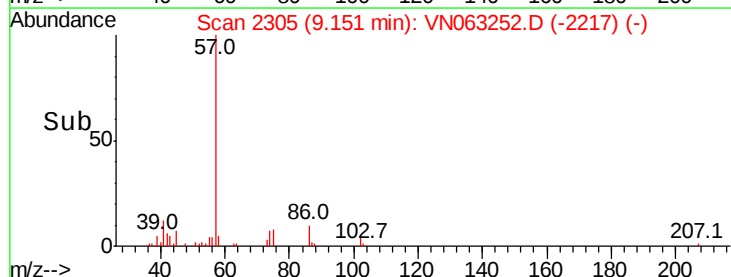
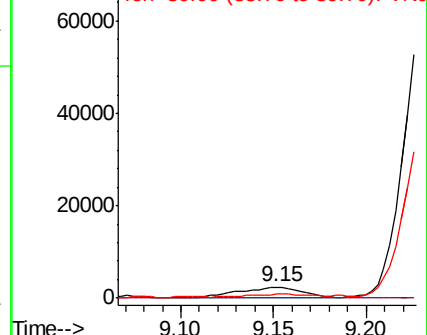
39 0.0 52.0 78.0#

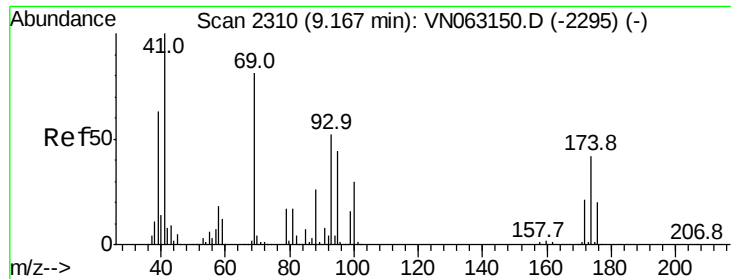


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.538 ug/l

RT: 9.15 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

TR-05-090220

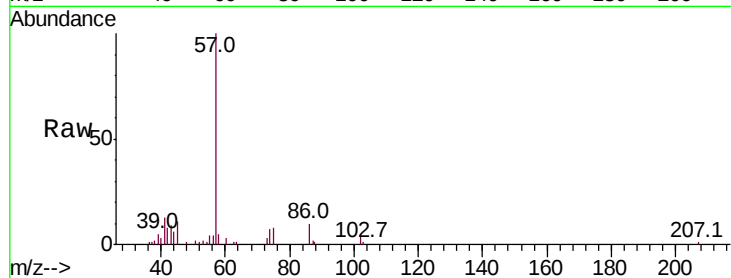
Tot Ion: 88 Resp: 34

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

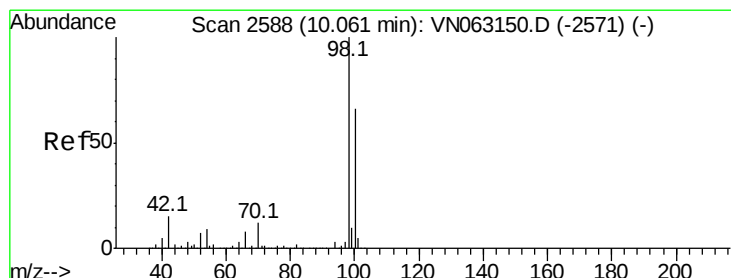
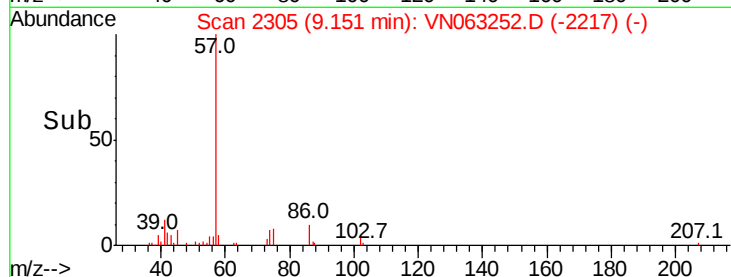
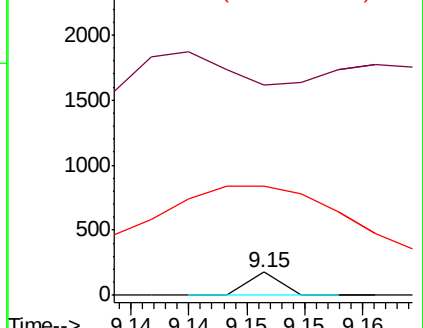
58 2882.4 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.185 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063252.D

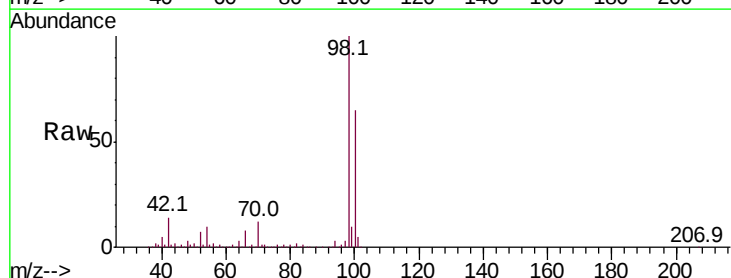
Acq: 4 Sep 2020 17:01

Tgt Ion: 98 Resp: 758918

Ion Ratio Lower Upper

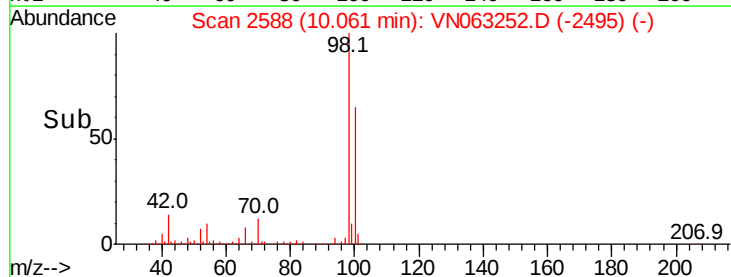
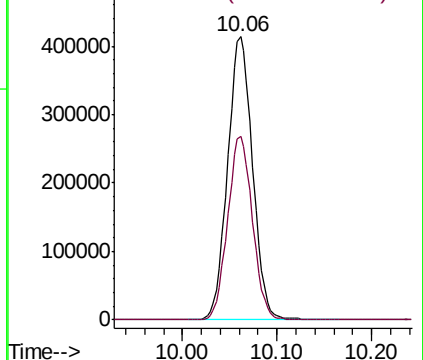
98 100

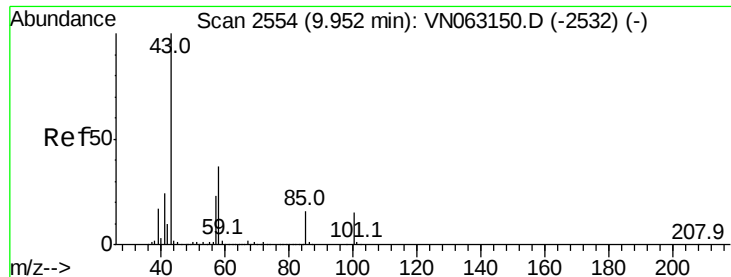
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 2.337 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

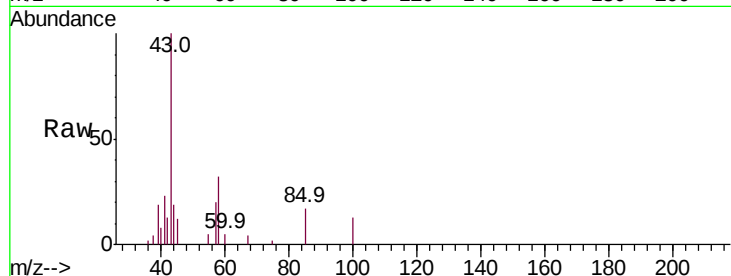
TR-05-090220

Tot Ion: 43 Resp: 11505

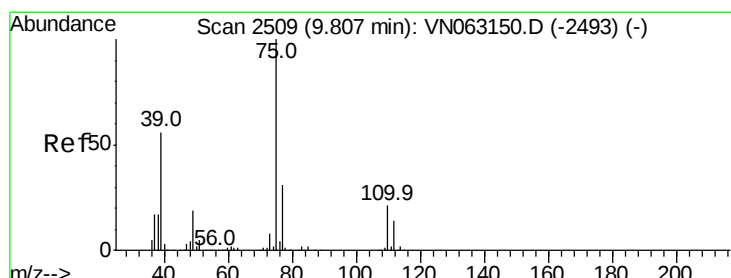
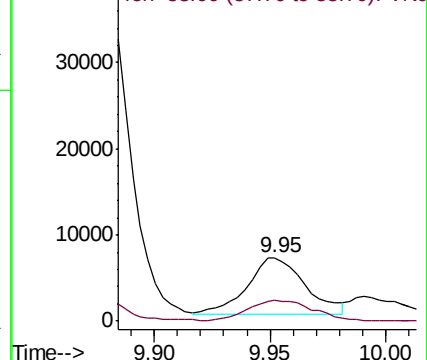
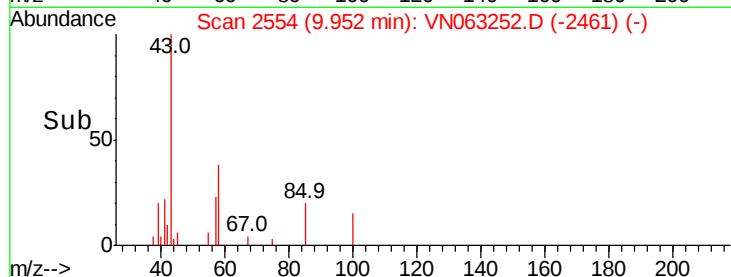
Ion Ratio Lower Upper

43 100

58 41.4 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.120 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

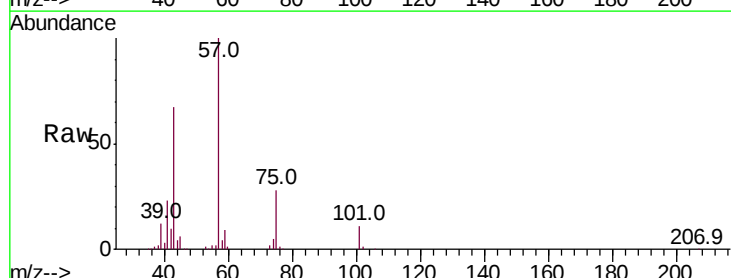
Tgt Ion: 75 Resp: 36096

Ion Ratio Lower Upper

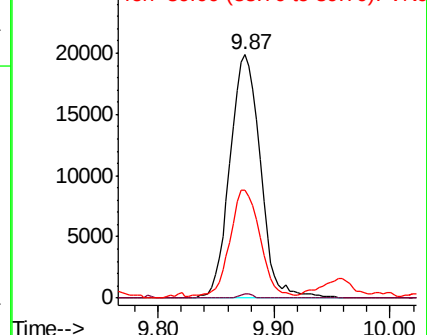
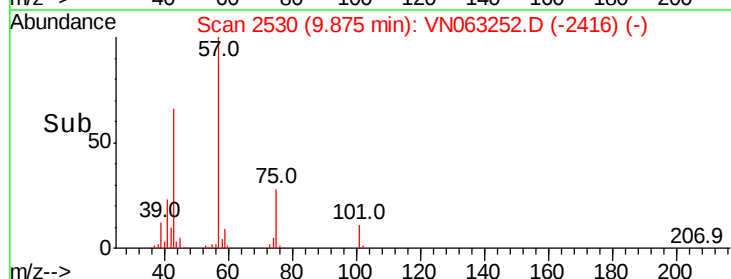
75 100

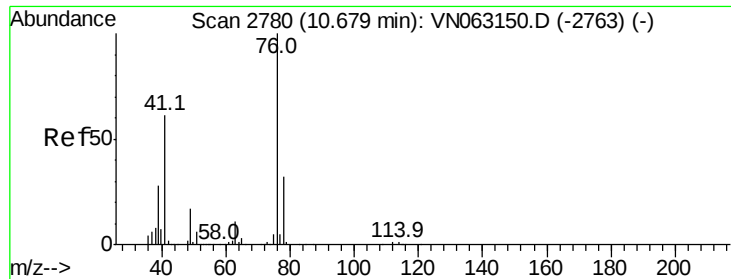
77 1.5 24.8 37.2#

39 43.0 45.0 67.6#



Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-2493) (-)

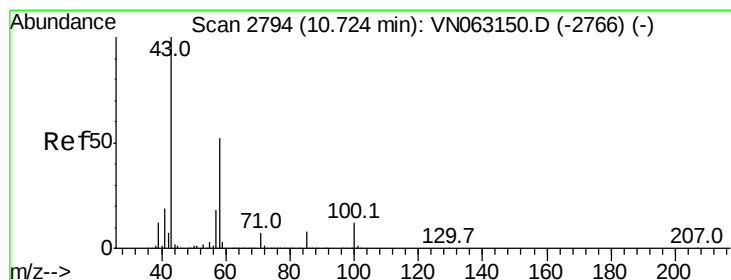
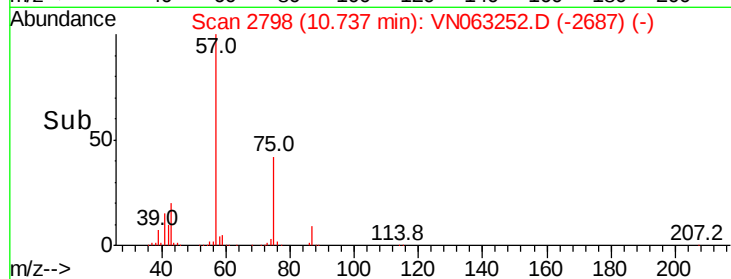
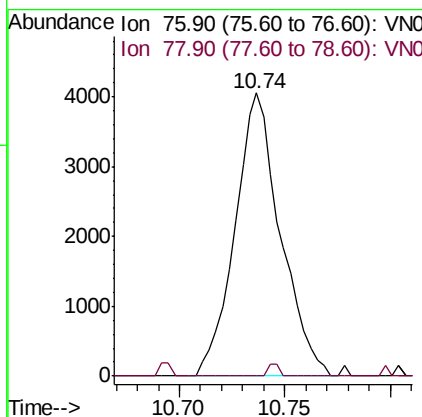
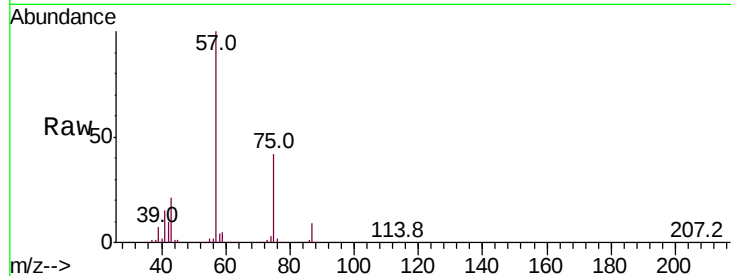




#57
 1,3-Dichloropropane
 Concen: 0.872 ug/l
 RT: 10.74 min Scan# 2798
 Delta R.T. 0.06 min
 Lab File: VN063252.D
 Acq: 4 Sep 2020 17:01

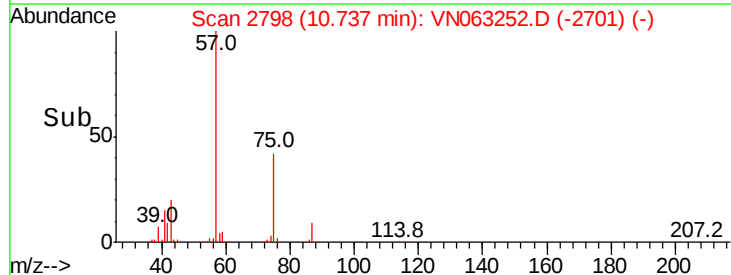
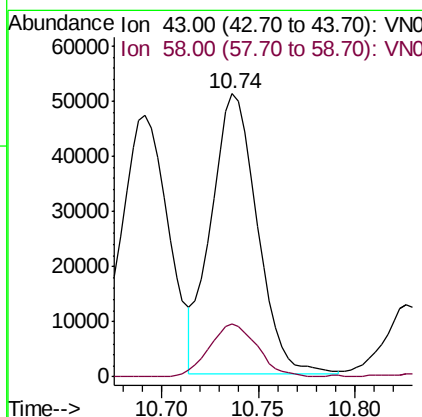
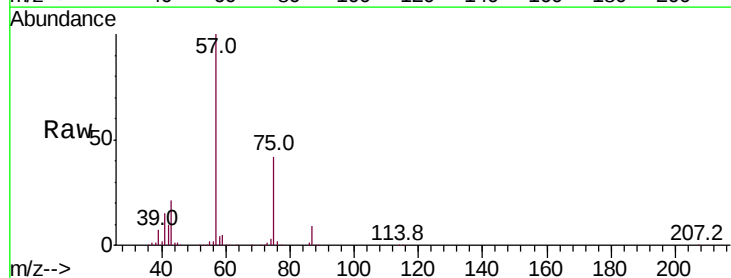
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-090220

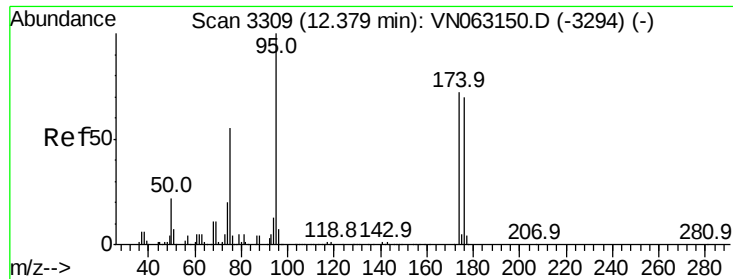
Tot Ion: 76 Resp: 6048
 Ion Ratio Lower Upper
 76 100
 78 1.1 25.5 38.3#



#59
 2-Hexanone
 Concen: 24.264 ug/l
 RT: 10.74 min Scan# 2798
 Delta R.T. 0.01 min
 Lab File: VN063252.D
 Acq: 4 Sep 2020 17:01

Tgt Ion: 43 Resp: 83953
 Ion Ratio Lower Upper
 43 100
 58 19.9 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 51.991 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

TR-05-090220

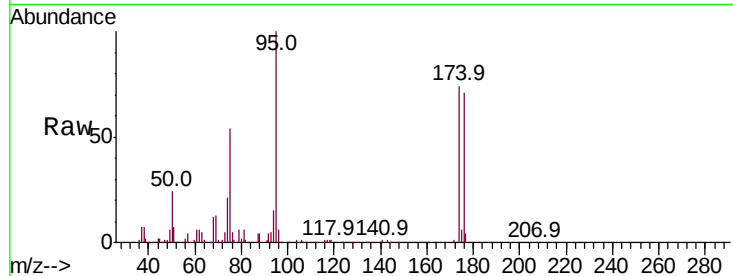
Tot Ion: 95 Resp: 259509

Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.8

176 73.0 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)

12.38

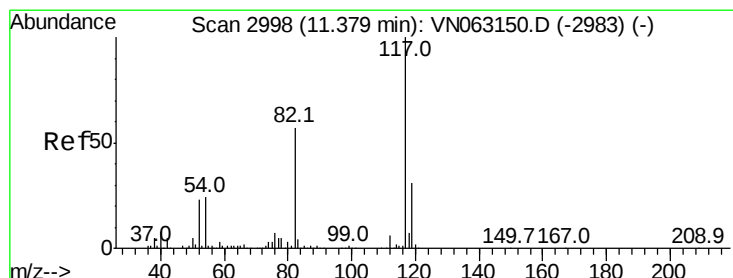
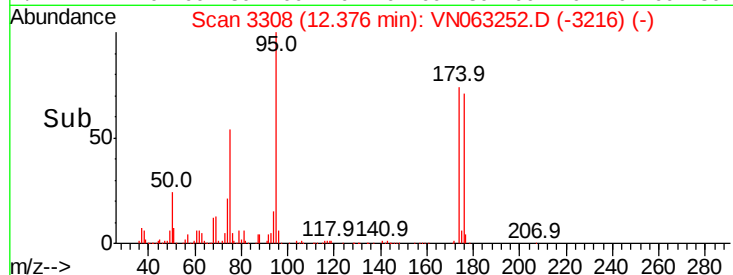
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

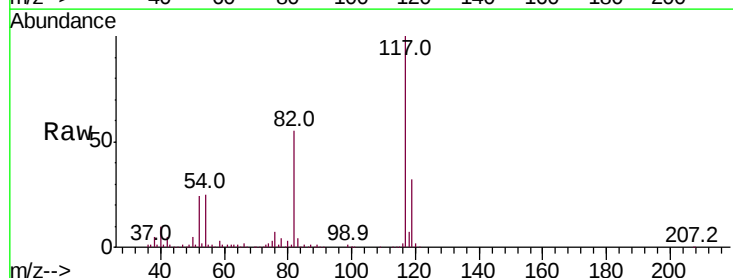
Tgt Ion: 117 Resp: 601604

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 32.5 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)

11.38

400000

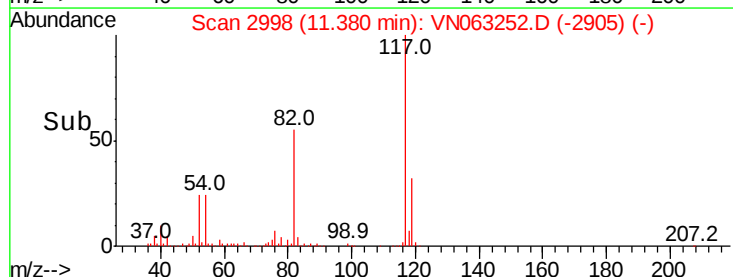
300000

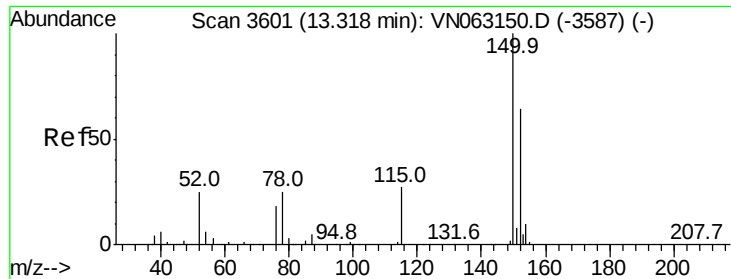
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampled :

TR-05-090220

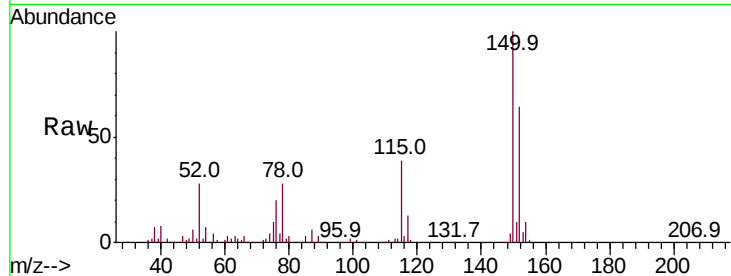
Tot Ion:152 Resp: 224495

Ion Ratio Lower Upper

152 100

115 62.0 32.0 96.2

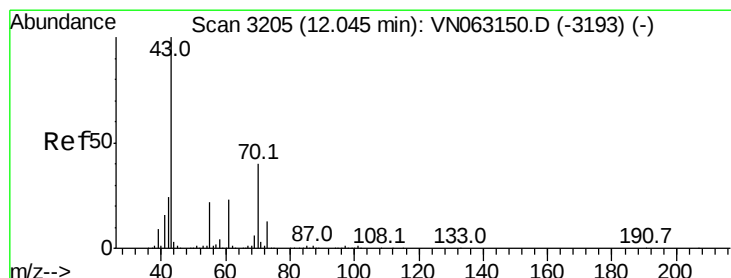
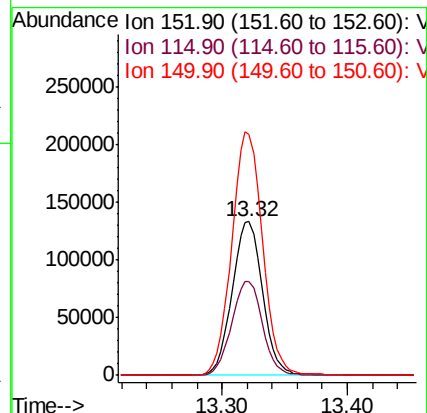
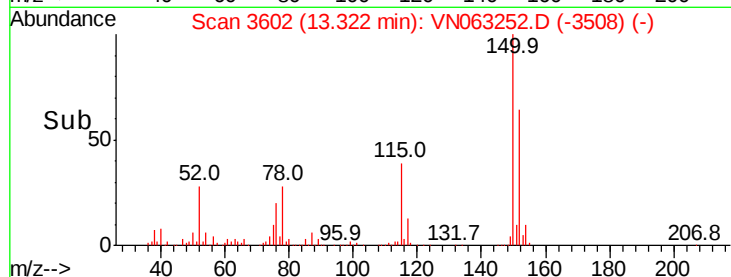
150 160.1 0.0 353.0



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



#74

N-ethyl acetate

Concen: 0.539 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.04 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Tgt Ion: 43 Resp: 3843

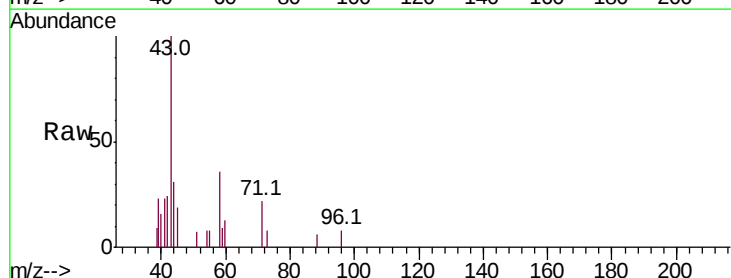
Ion Ratio Lower Upper

43 100

70 1.7 32.1 48.1#

55 4.2 17.4 26.0#

61 0.0 18.6 27.8#

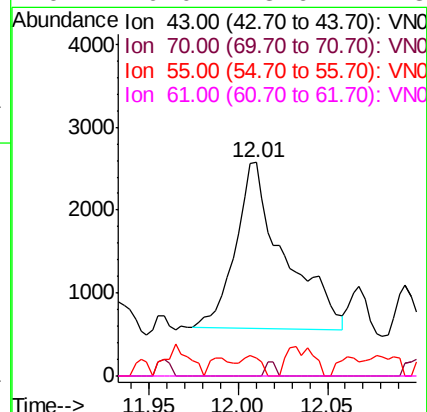
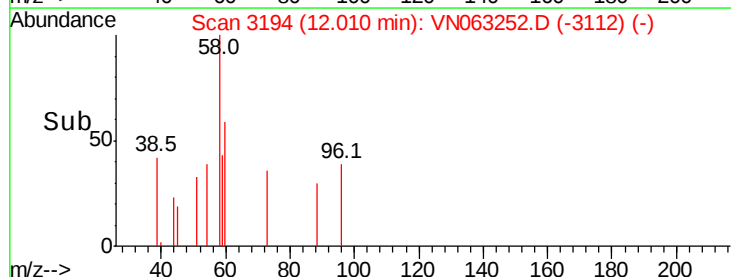


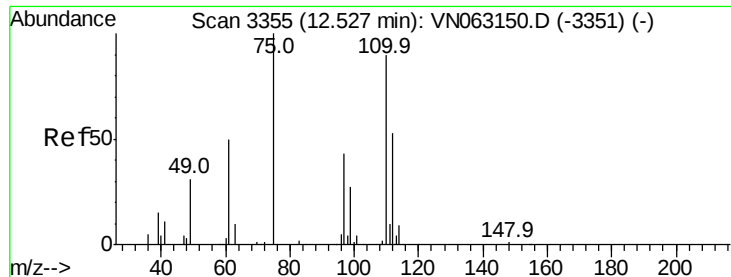
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#76

1,2,3-Trichloropropane

Concen: 33.368 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

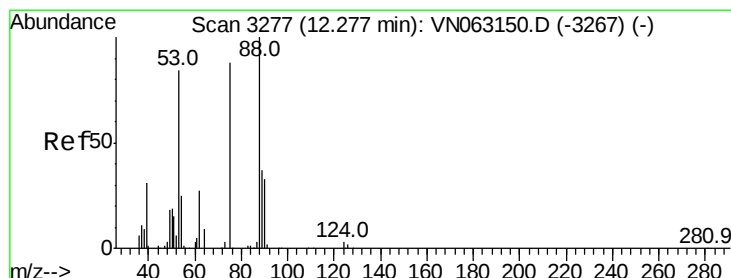
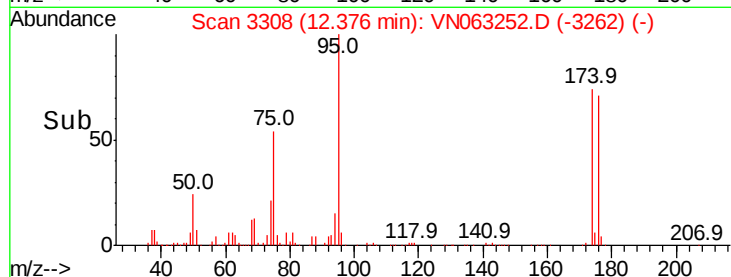
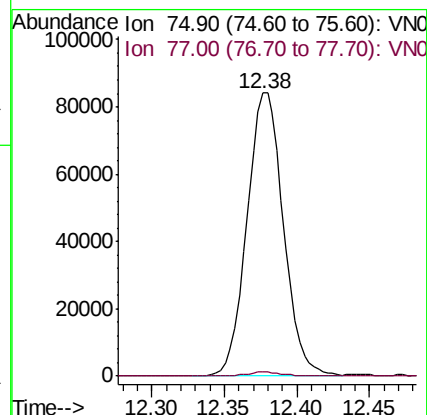
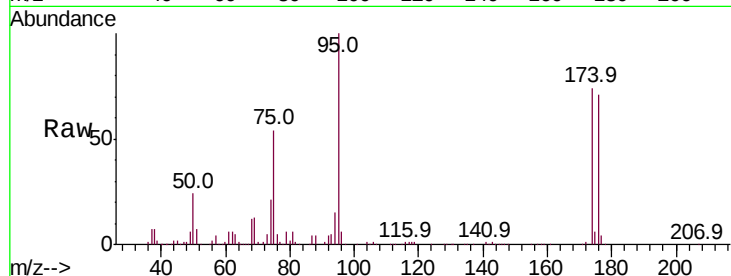
TR-05-090220

Tot Ion: 75 Resp: 147181

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.650 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

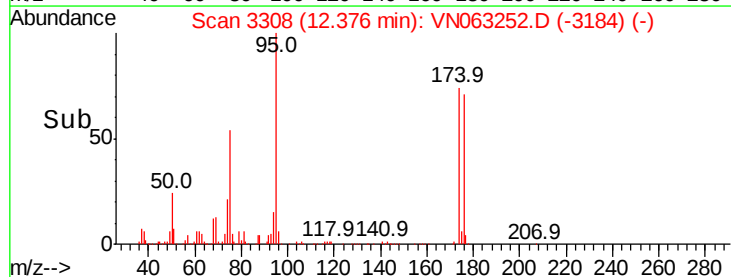
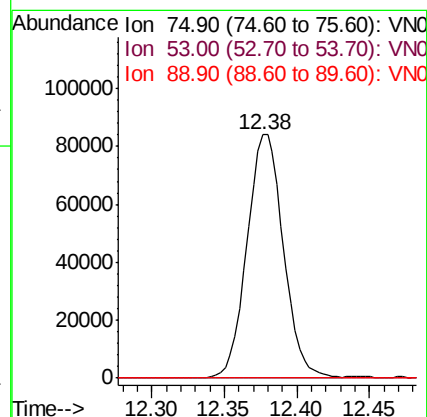
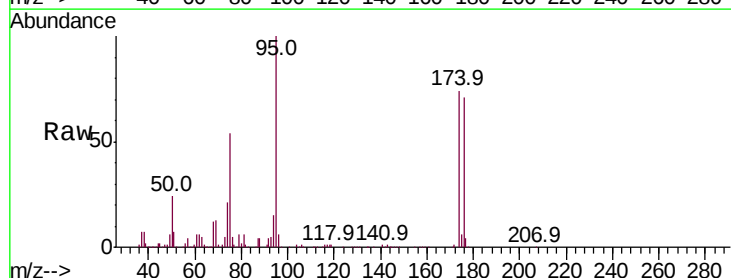
Tgt Ion: 75 Resp: 147181

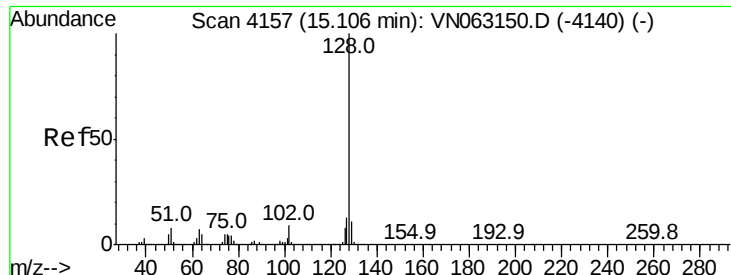
Ion Ratio Lower Upper

75 100

53 0.2 78.7 118.1#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 0.350 ug/l

RT: 15.12 min Scan# 4160

Delta R.T. 0.01 min

Lab File: VN063252.D

Acq: 4 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

TR-05-090220

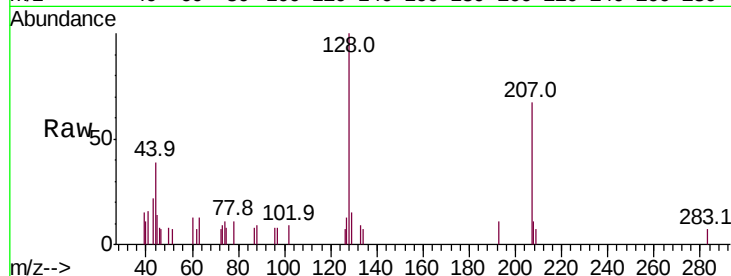
Tot Ion:128 Resp: 4529

Ion Ratio Lower Upper

128 100

127 7.5 10.5 15.7#

129 7.6 8.6 13.0#



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

