

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063612.D
 Acq On : 24 Sep 2020 1:41
 Operator : JC/MD
 Sample : PB131805TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

Quant Time: Sep 24 05:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157326	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	167080	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	7.55	113	121643	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	10.06	98	489595	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.38	95	189619	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

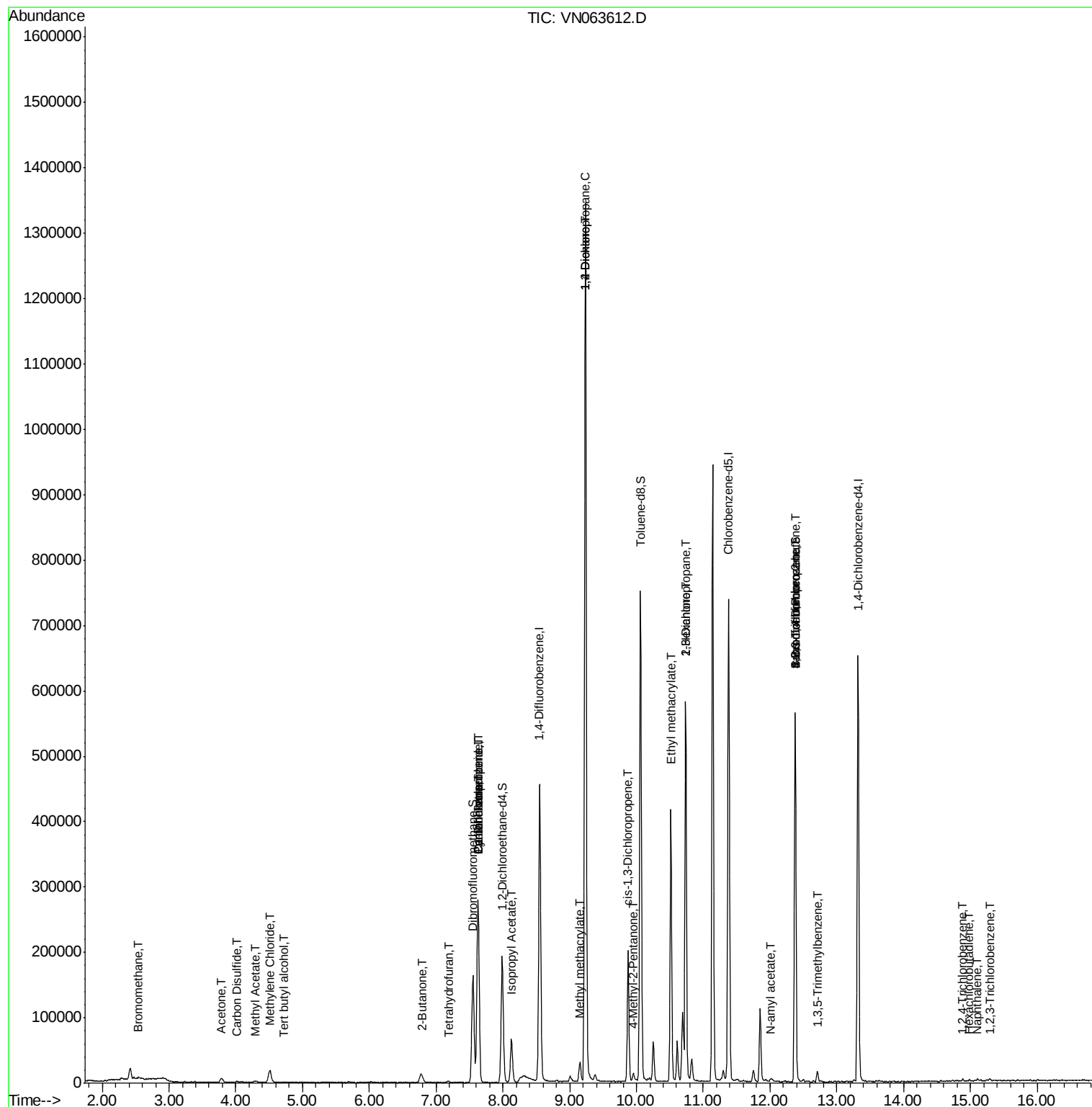
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	723	0.454	ug/l #	71
11) Tert butyl alcohol	4.72	59	199	0.418	ug/l #	72
16) Acetone	3.78	43	11961	10.820	ug/l	96
17) Carbon Disulfide	4.02	76	1584	0.239	ug/l #	75
18) Methyl Acetate	4.28	43	3982	1.419	ug/l #	70
20) Methylene Chloride	4.51	84	13018	4.648	ug/l	98
25) 2-Butanone	6.80	43	3702	2.177	ug/l #	77
29) Tetrahydrofuran	7.18	42	1576	1.357	ug/l #	71
31) Cyclohexane	7.63	56	5766	1.214	ug/l #	15
36) 1,1-Dichloropropene	7.63	75	19023	4.732	ug/l #	52
38) Carbon Tetrachloride	7.63	117	23326	5.685	ug/l #	17
43) Isopropyl Acetate	8.13	43	80190	11.367	ug/l	99
45) 1,2-Dichloropropane	9.24	63	1656	0.530	ug/l #	43
48) Methyl methacrylate	9.14	41	4462	1.287	ug/l #	15
49) 1,4-Dioxane	9.24	88	60	1.206	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	7583	1.920	ug/l	92
54) cis-1,3-Dichloropropene	9.87	75	33693	6.705	ug/l #	62
56) Ethyl methacrylate	10.51	69	1681	0.393	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5546	1.122	ug/l #	43
59) 2-Hexanone	10.74	43	88057	30.776	ug/l #	56
71) Bromoform	12.38	173	1358	0.607	ug/l #	1
74) N-amyl acetate	12.01	43	3848	0.645	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	107771	27.676	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	8316	0.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	107771	75.877	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	899	0.296	ug/l #	88
94) Hexachlorobutadiene	14.99	225	364	0.289	ug/l #	66
95) Naphthalene	15.12	128	3431	0.341	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.29	180	797	0.271	ug/l	77

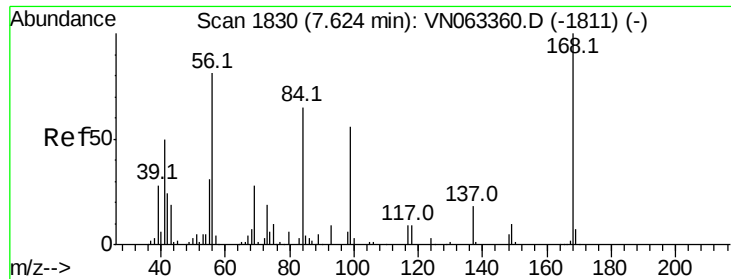
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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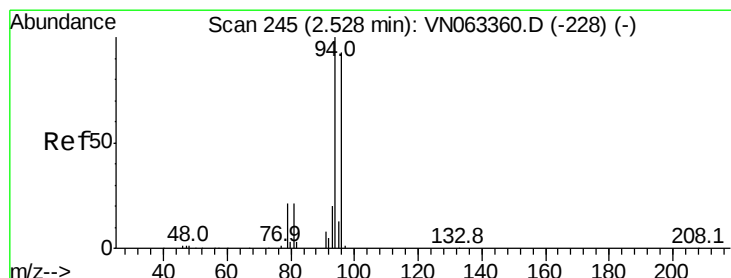
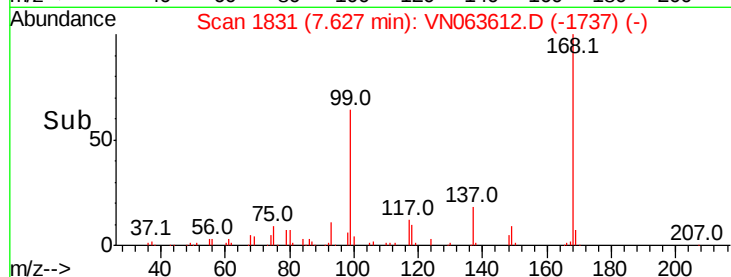
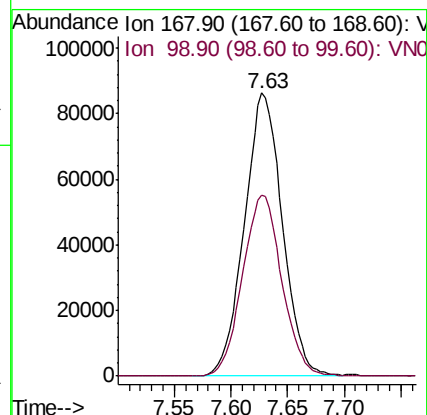
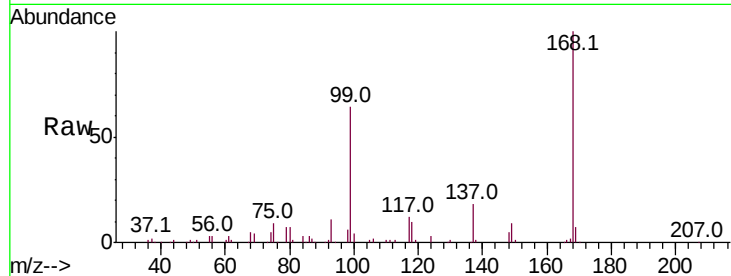




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

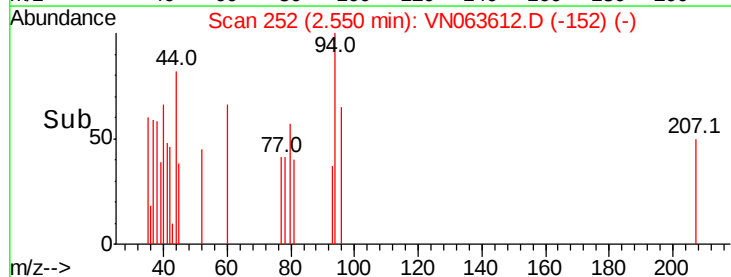
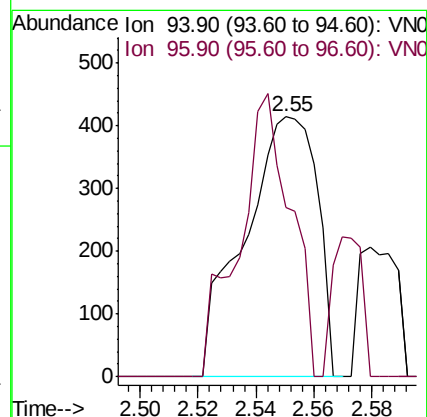
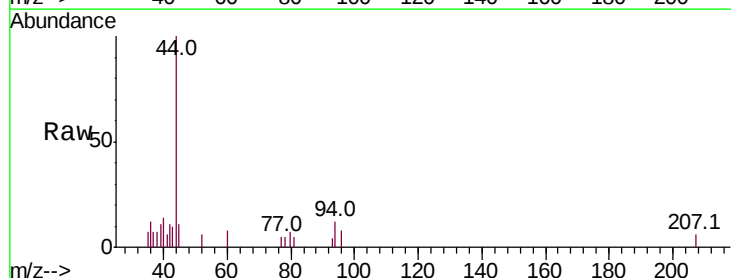
Instrument :
MSVOA_N
ClientSampleId :
PB131805TB

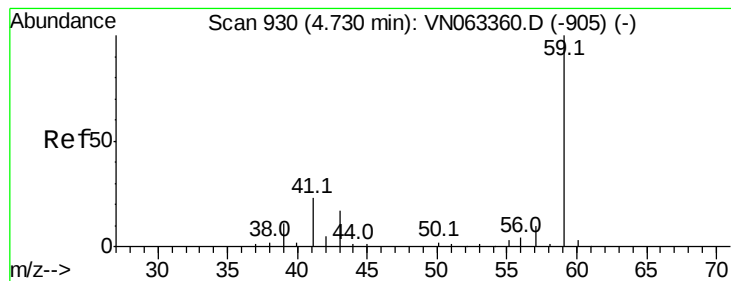
Tot Ion:168 Resp: 202069
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#5
Bromomethane
Concen: 0.454 ug/l
RT: 2.55 min Scan# 252
Delta R.T. 0.02 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Tgt Ion: 94 Resp: 723
Ion Ratio Lower Upper
94 100
96 65.2 74.5 111.7#



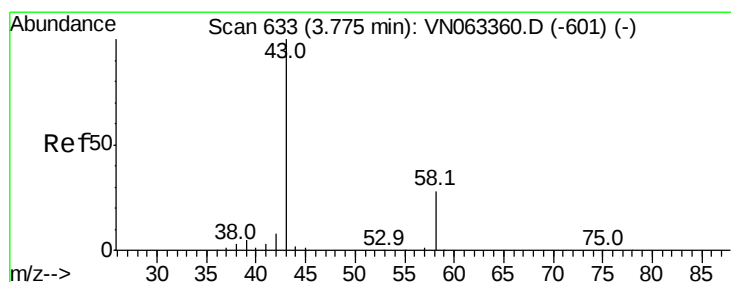
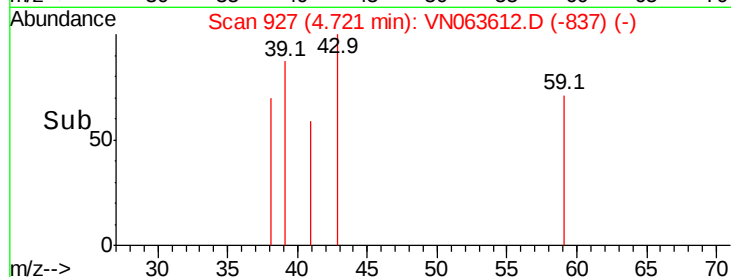
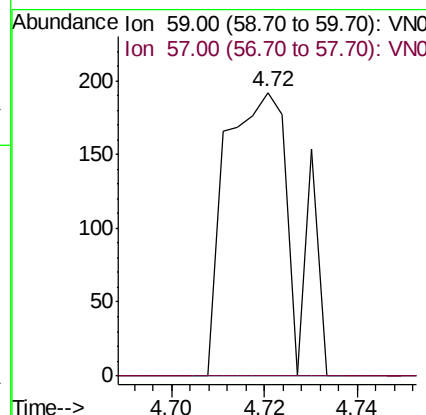
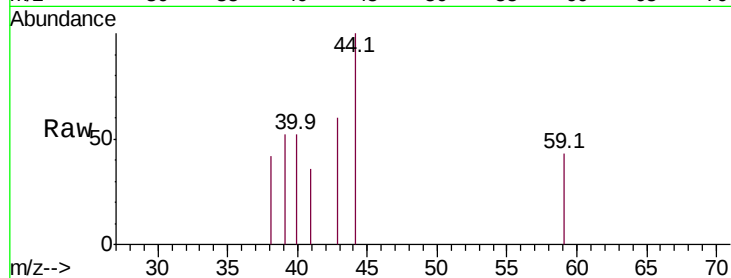


#11

Tert butyl alcohol
 Concen: 0.418 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Instrument :
 MSVOA_N
 ClientSampled :
 PB131805TB

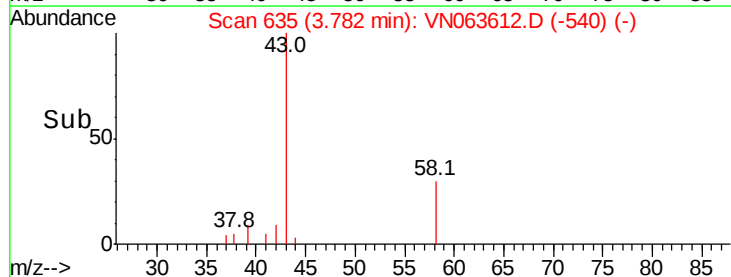
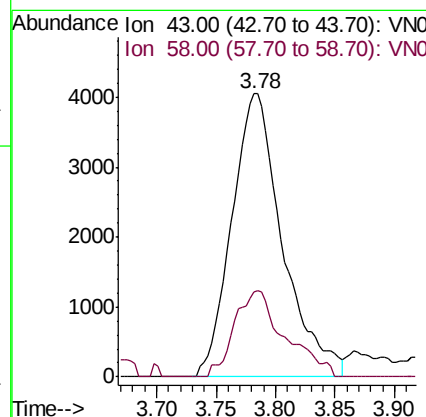
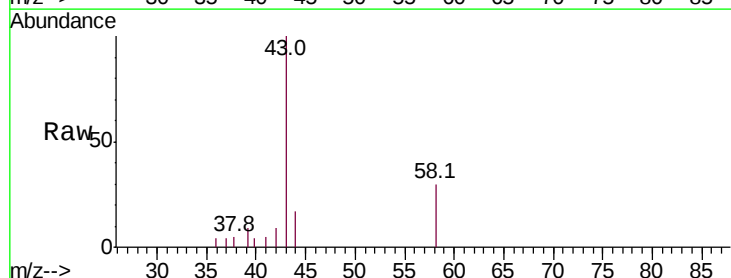
Tot Ion: 59 Resp: 199
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

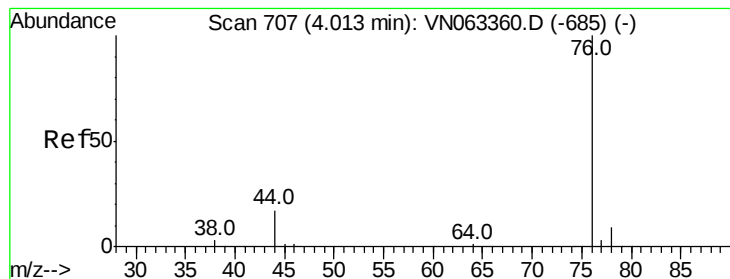


#16

Acetone
 Concen: 10.820 ug/l
 RT: 3.78 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 11961
 Ion Ratio Lower Upper
 43 100
 58 30.0 22.3 33.5





#17

Carbon Disulfide

Concen: 0.239 ug/l

RT: 4.02 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

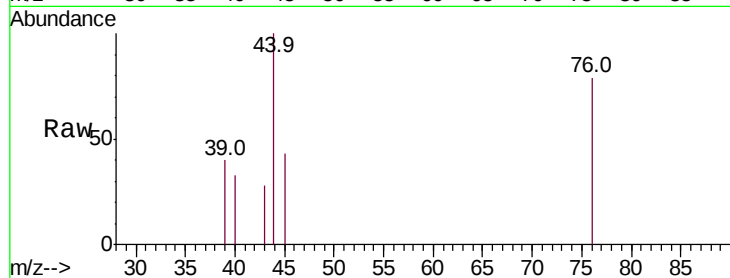
PB131805TB

Tot Ion: 76 Resp: 1584

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

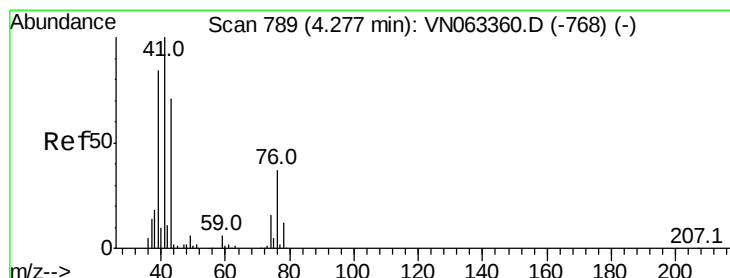
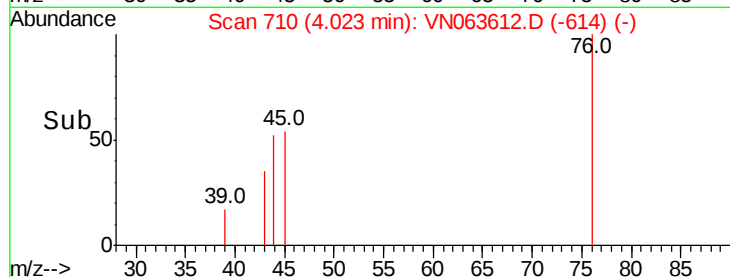
600

400

200

0

Time--> 3.95 4.00 4.05



#18

Methyl Acetate

Concen: 1.419 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063612.D

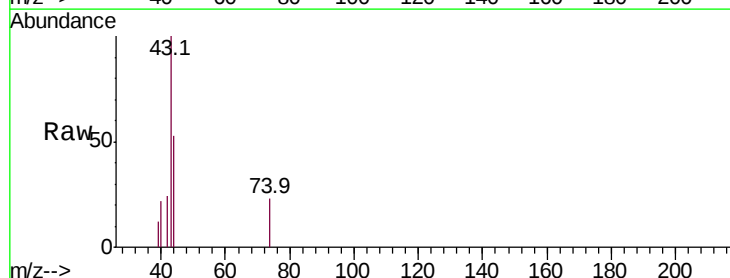
Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

43 100

74 7.5 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

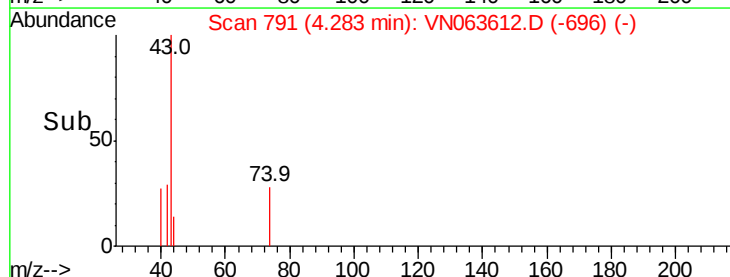
1500

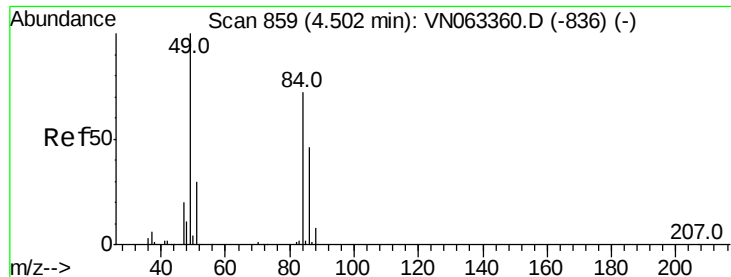
1000

500

0

Time--> 4.25 4.30 4.35

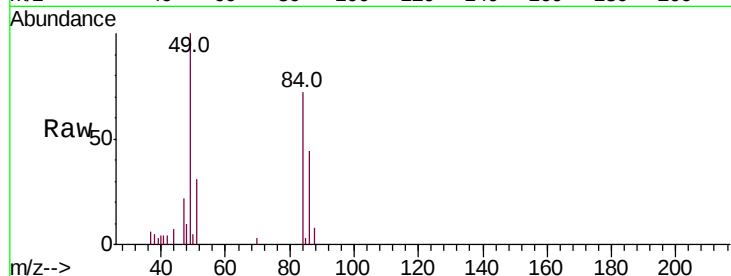




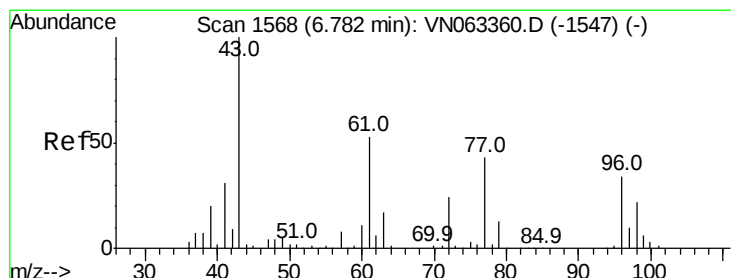
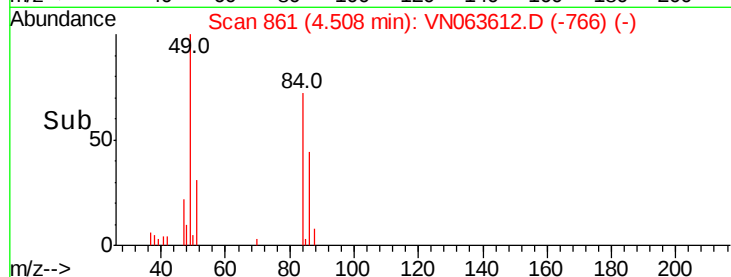
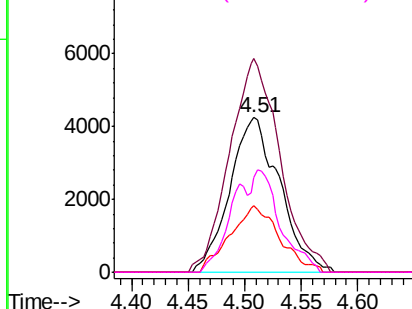
#20
Methvlene Chloride
Concen: 4.648 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Instrument :
MSVOA_N
ClientSampled :
PB131805TB

Tot Ion: 84 Resp: 13018
Ion Ratio Lower Upper
84 100
49 138.4 110.7 166.1
51 43.2 32.9 49.3
86 61.1 51.1 76.7

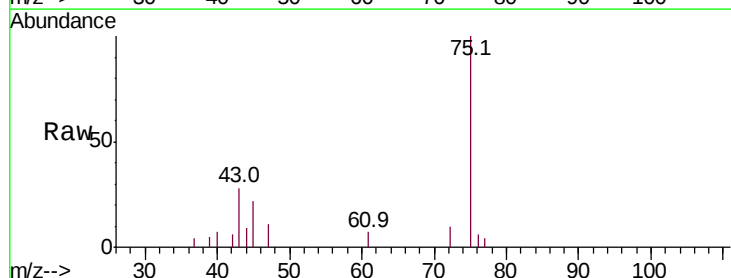


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

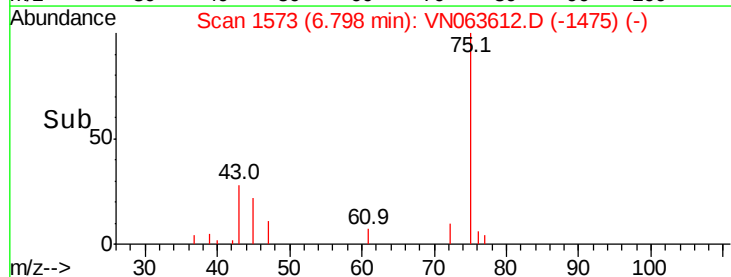
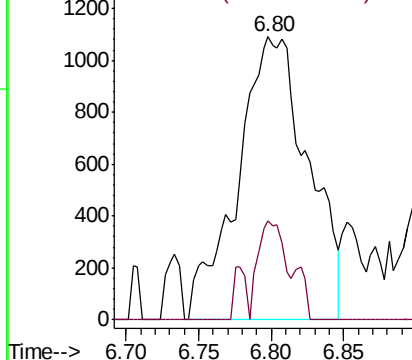


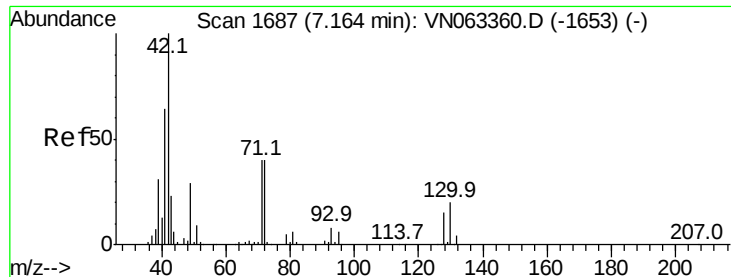
#25
2-Butanone
Concen: 2.177 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 3702
Ion Ratio Lower Upper
43 100
72 35.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 1.357 ug/l

RT: 7.18 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

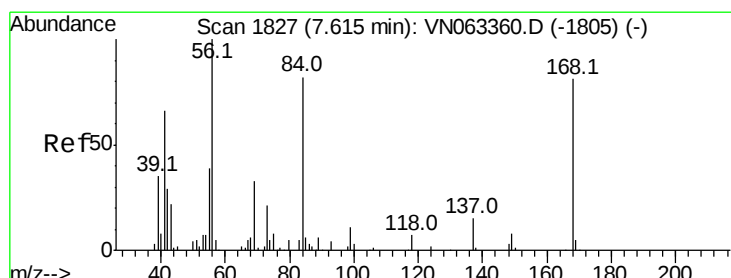
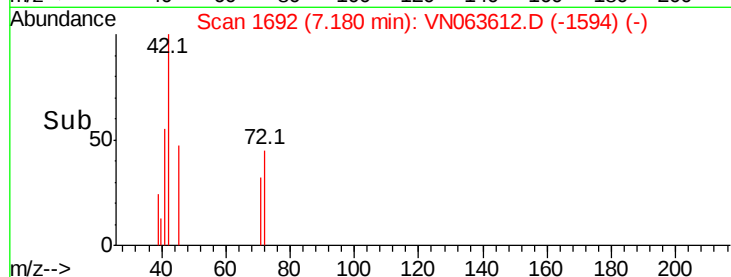
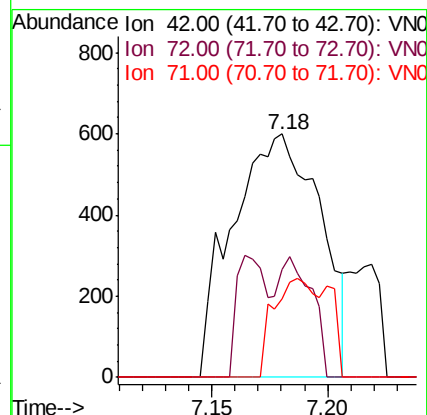
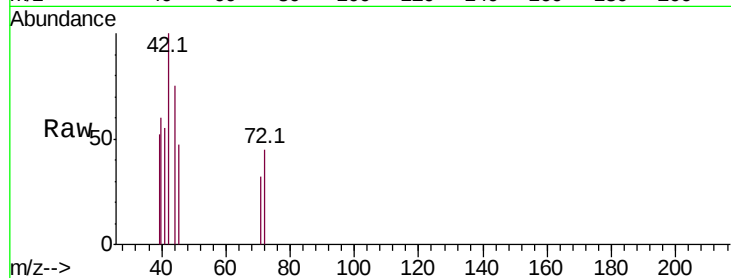
Tot Ion: 42 Resp: 1576

Ion Ratio Lower Upper

42 100

72 17.6 32.1 48.1#

71 25.7 31.2 46.8#



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

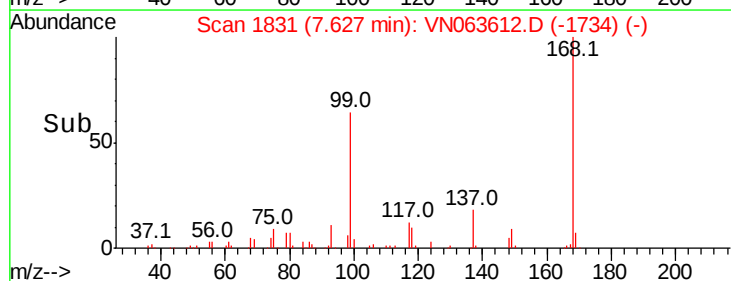
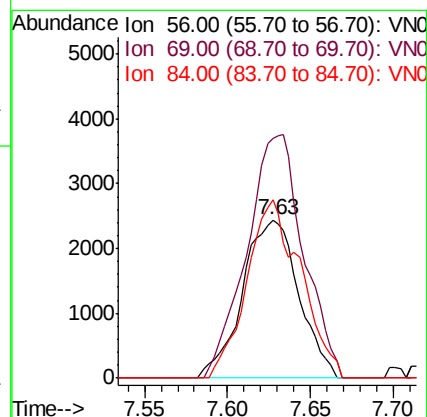
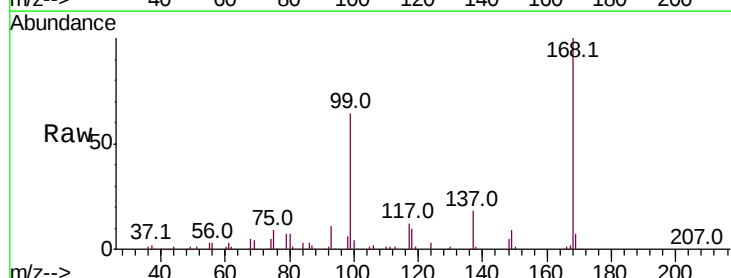
Tgt Ion: 56 Resp: 5766

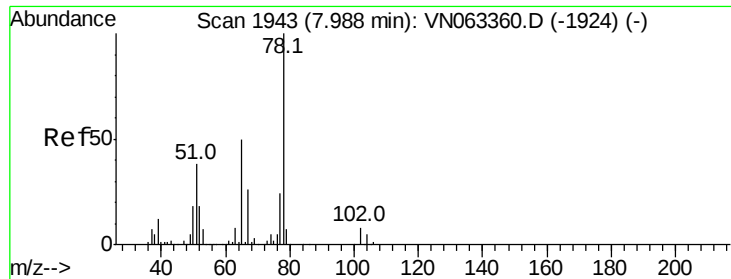
Ion Ratio Lower Upper

56 100

69 151.2 26.1 39.1#

84 112.4 65.4 98.2#





#33

1,2-Dichloroethane-d4

Concen: 48.573 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

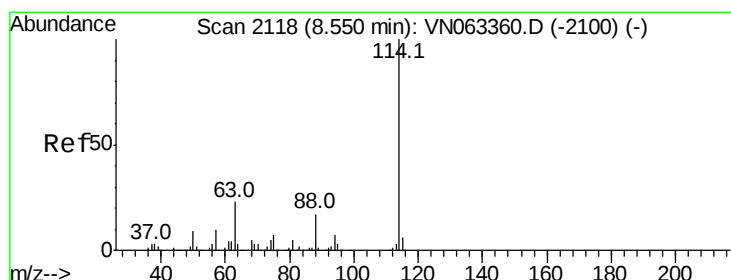
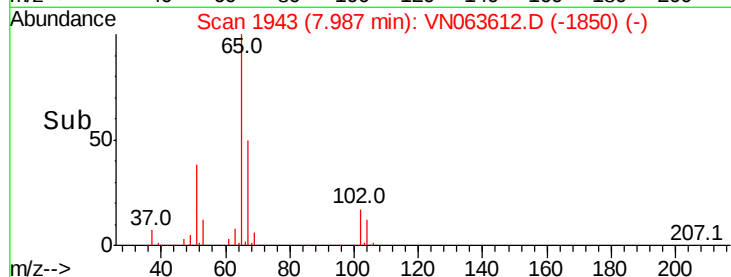
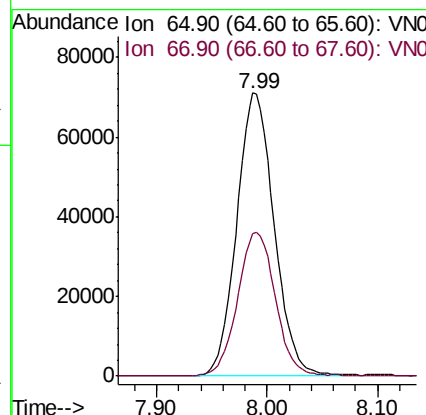
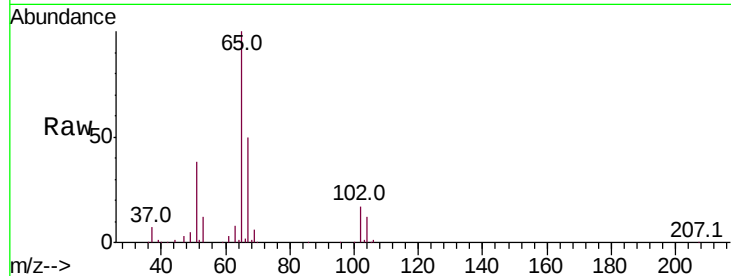
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Tot Ion: 65 Resp: 167080

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

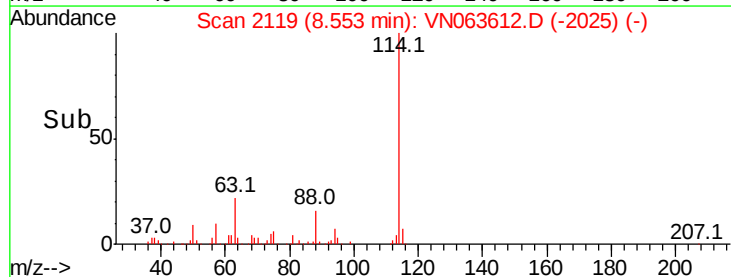
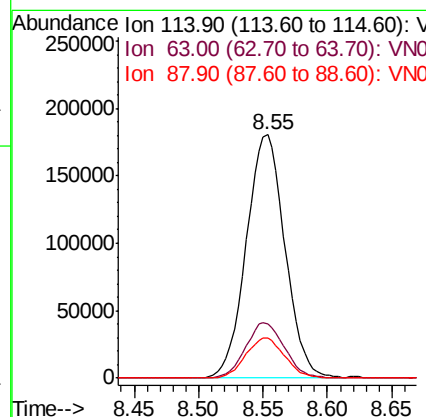
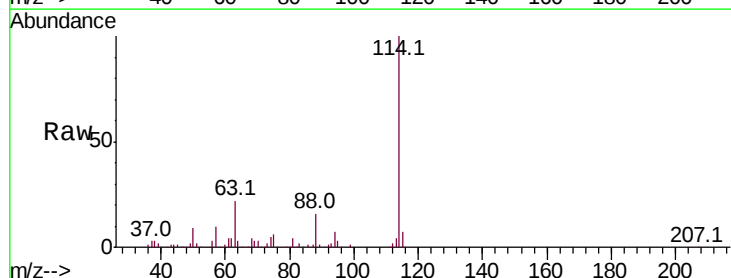
Delta R.T. 0.00 min

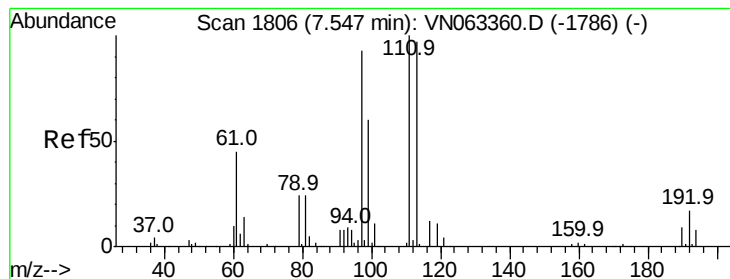
Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Tgt Ion: 114 Resp: 377315

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.4
88	16.3	0.0	33.2





#35

Dibromofluoromethane

Concen: 46.569 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

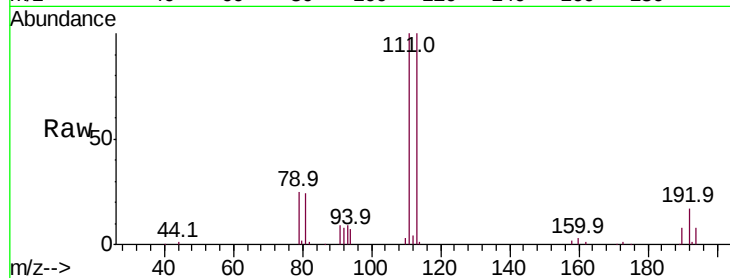
Tot Ion:113 Resp: 121643

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

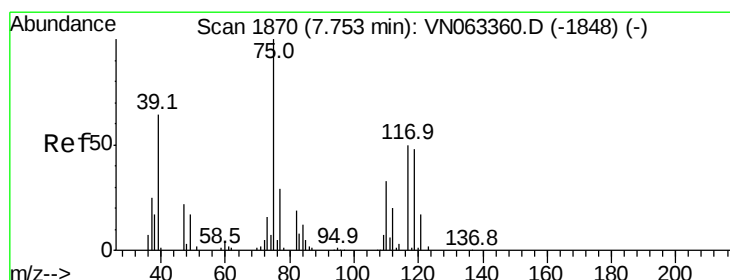
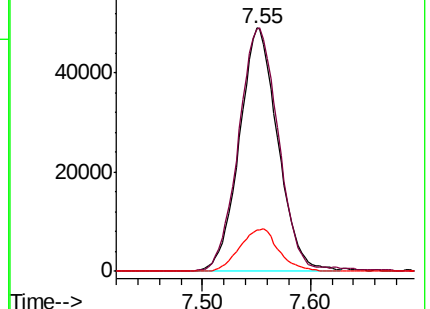
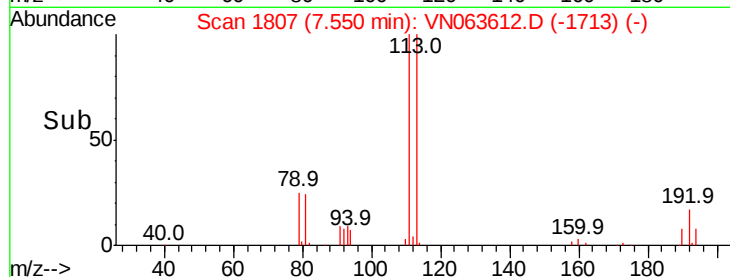
192 17.6 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

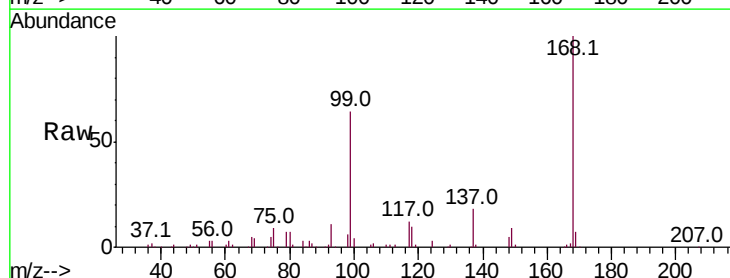
Tgt Ion: 75 Resp: 19023

Ion Ratio Lower Upper

75 100

110 10.5 16.5 49.5#

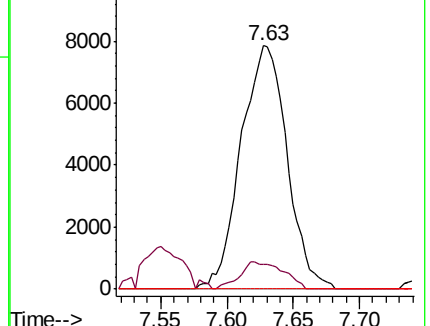
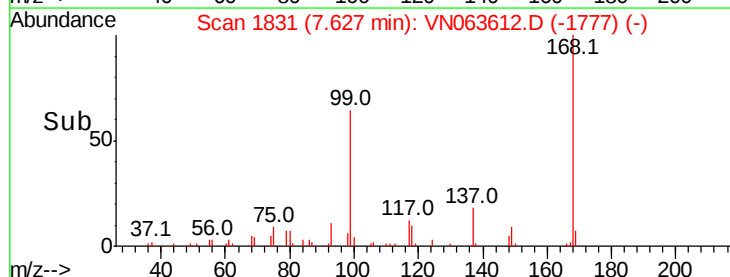
77 0.0 24.6 36.8#

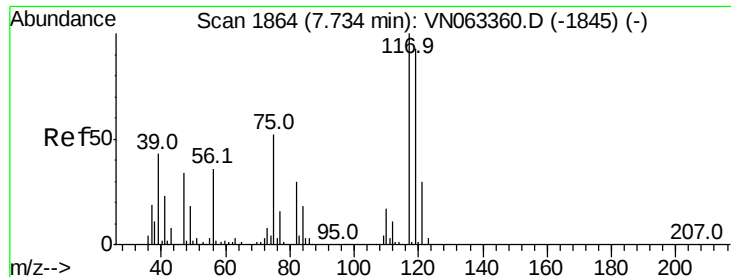


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.685 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

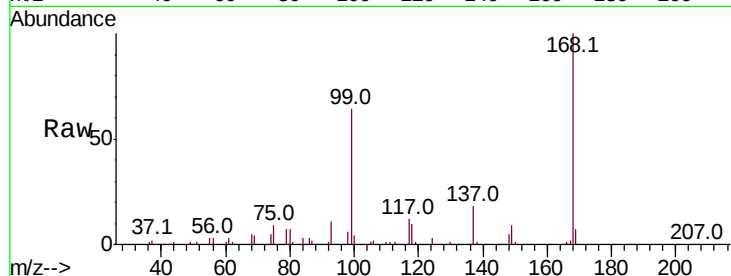
Tot Ion:117 Resp: 23326

Ion Ratio Lower Upper

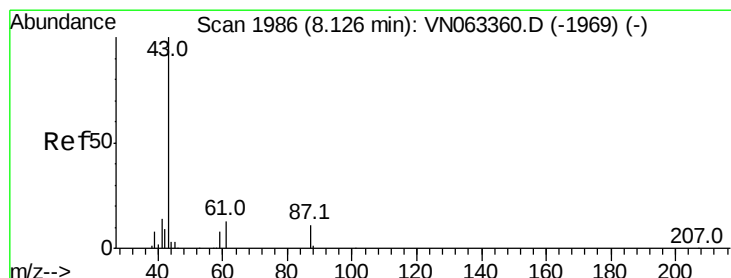
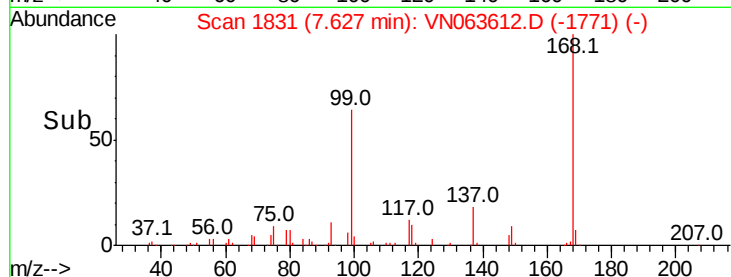
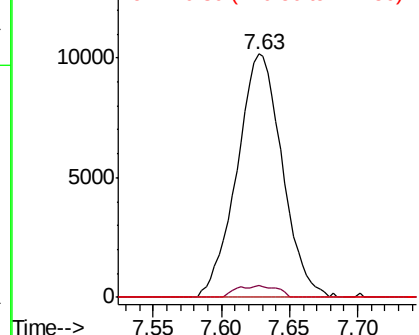
117 100

119 4.7 74.5 111.7#

121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.367 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

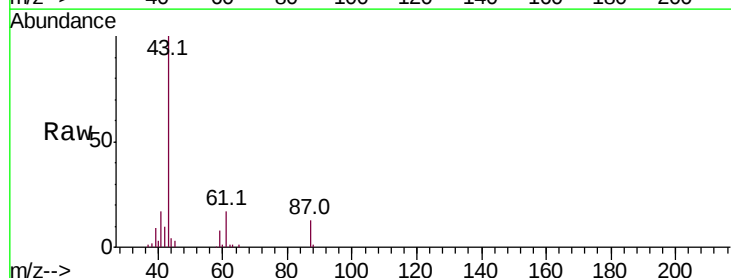
Tgt Ion: 43 Resp: 80190

Ion Ratio Lower Upper

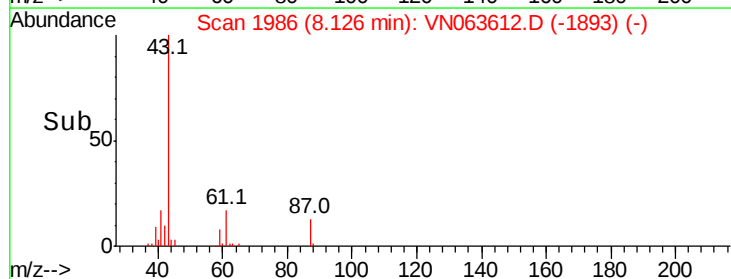
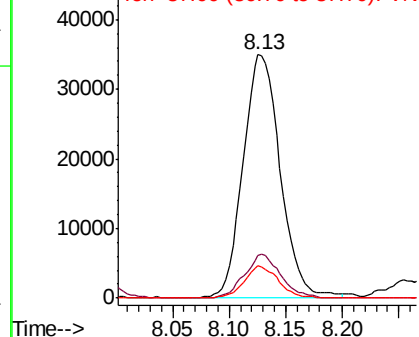
43 100

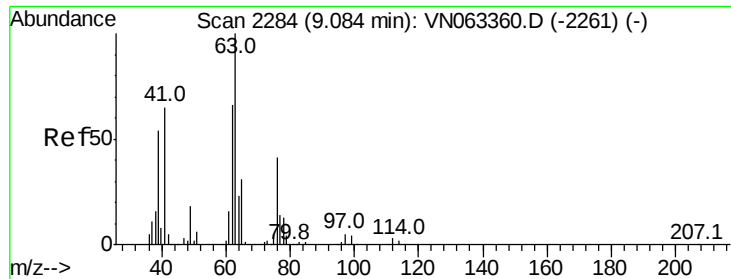
61 17.4 14.2 21.2

87 12.2 9.0 13.6



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

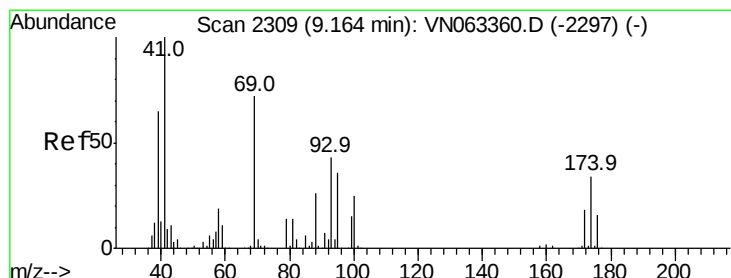
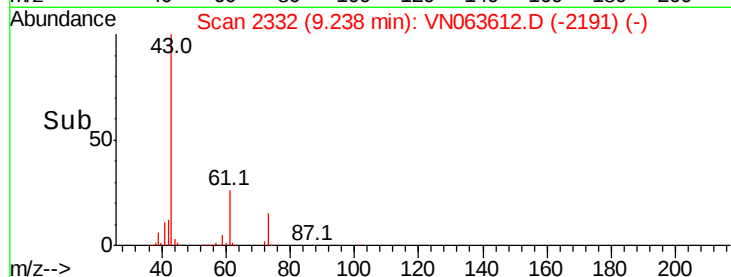
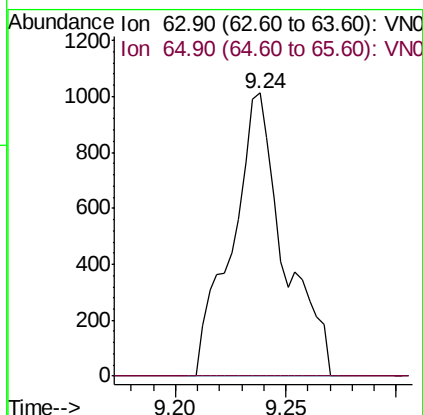
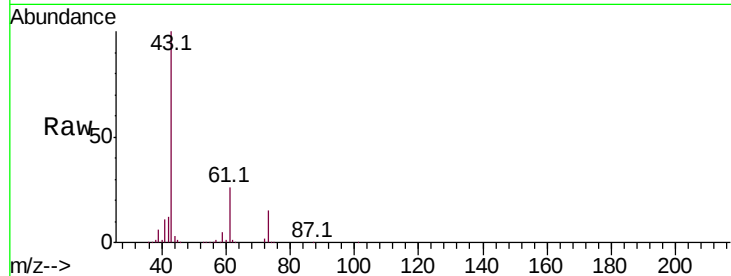




#45
 1,2-Dichloropropane
 Concen: 0.530 ug/l
 RT: 9.24 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

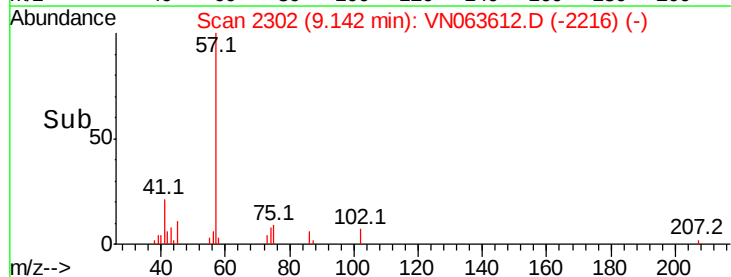
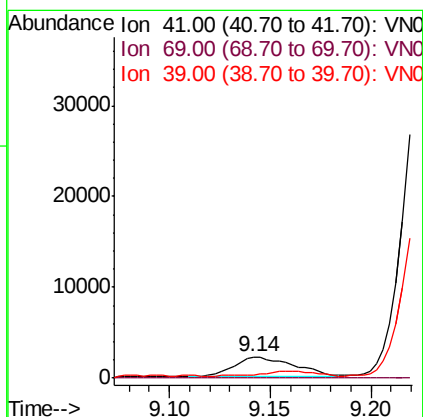
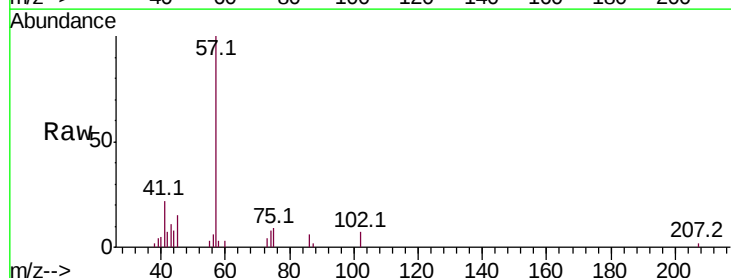
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

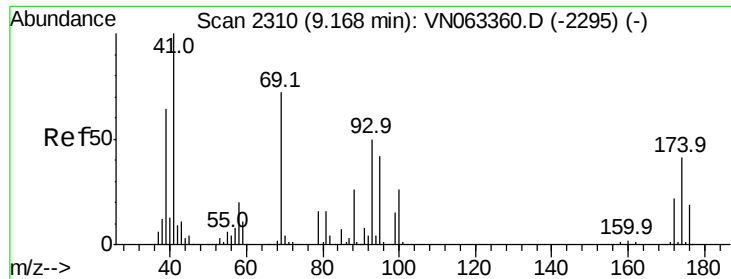
Tot Ion: 63 Resp: 1656
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.287 ug/l
 RT: 9.14 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Tgt Ion: 41 Resp: 4462
 Ion Ratio Lower Upper
 41 100
 69 0.0 59.3 88.9#
 39 0.0 52.9 79.3#





#49

1,4-Dioxane

Concen: 1.206 ug/l

RT: 9.24 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

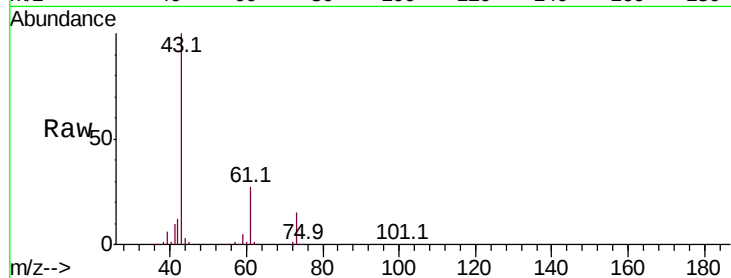
Tot Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 2231728.3 32.6 49.0#

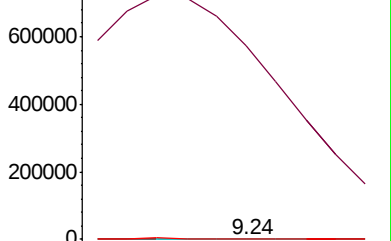
58 10156.7 60.0 90.0#



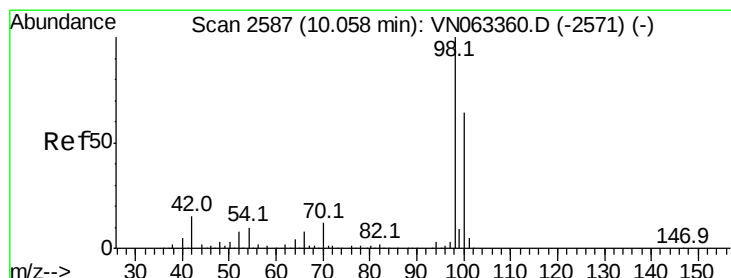
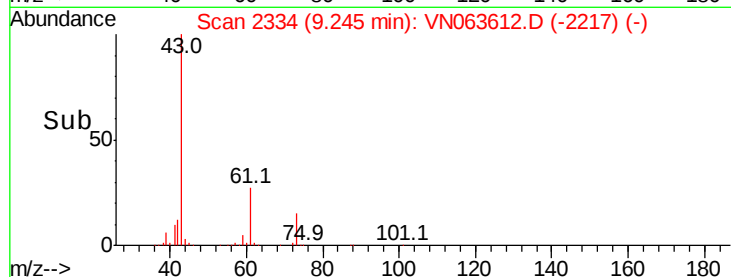
Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



Time-->



#50

Toluene-d8

Concen: 49.847 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063612.D

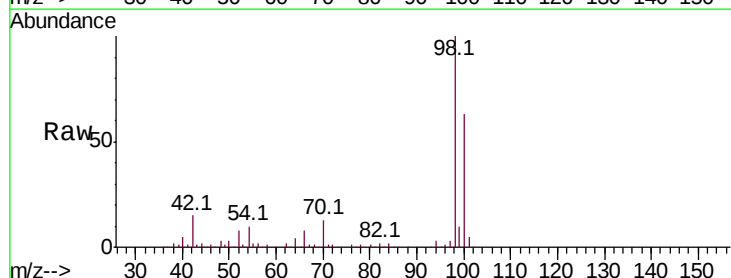
Acq: 24 Sep 2020 1:41

Tgt Ion: 98 Resp: 489595

Ion Ratio Lower Upper

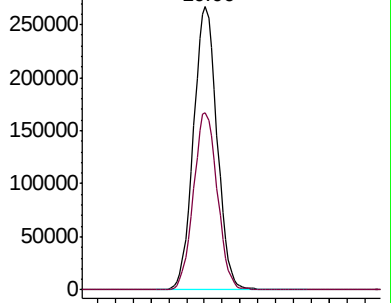
98 100

100 63.4 50.7 76.1

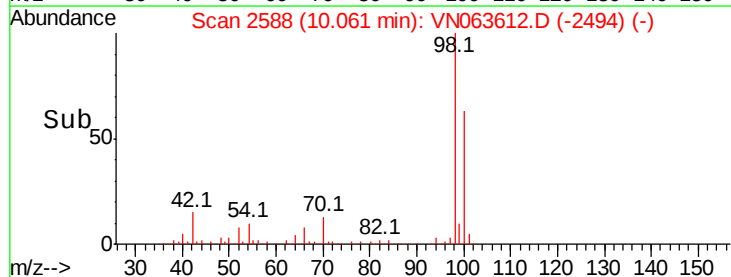


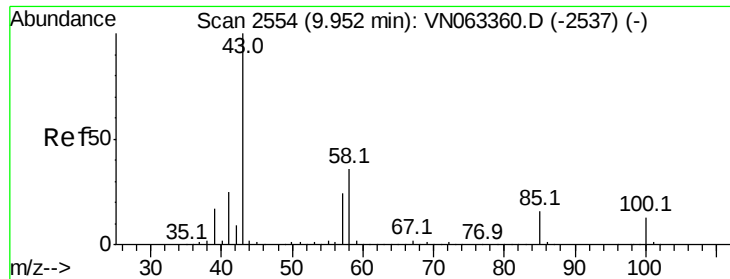
Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.920 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

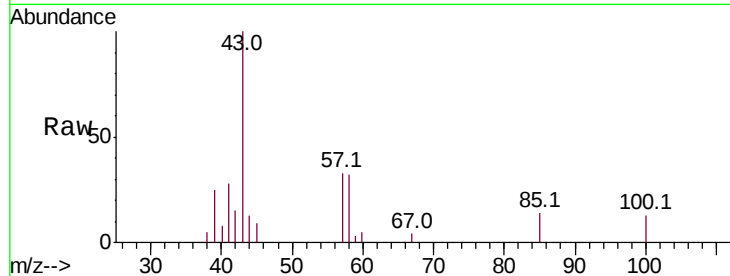
PB131805TB

Tot Ion: 43 Resp: 7583

Ion Ratio Lower Upper

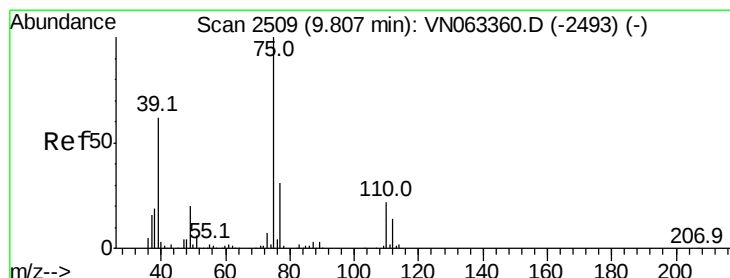
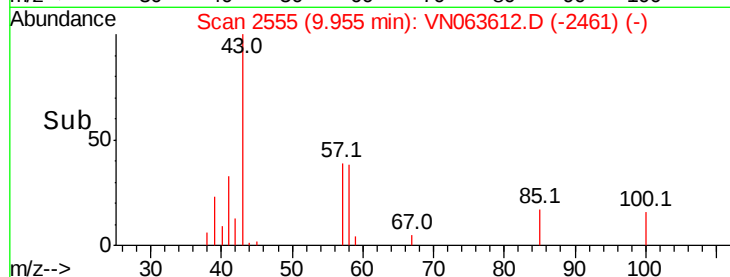
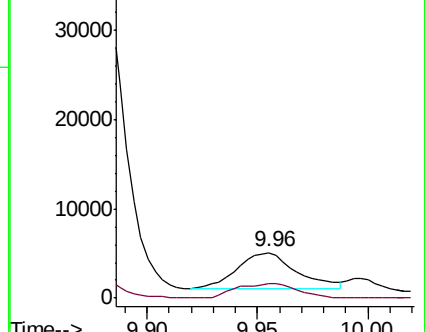
43 100

58 41.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)



#54

cis-1,3-Dichloropropene

Concen: 6.705 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

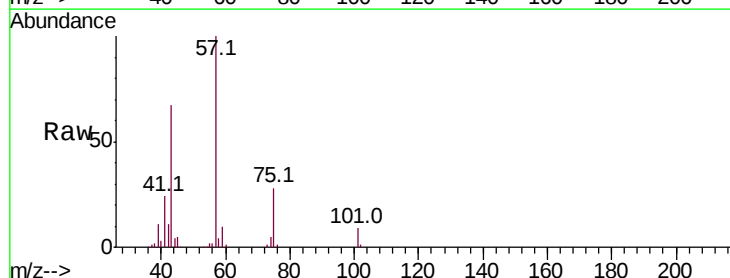
Tgt Ion: 75 Resp: 33693

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

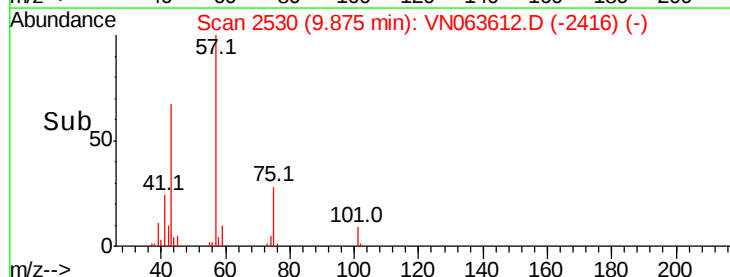
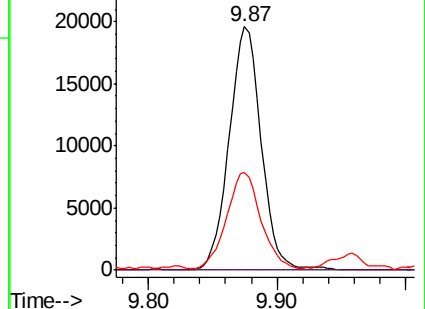
39 39.5 49.8 74.8#

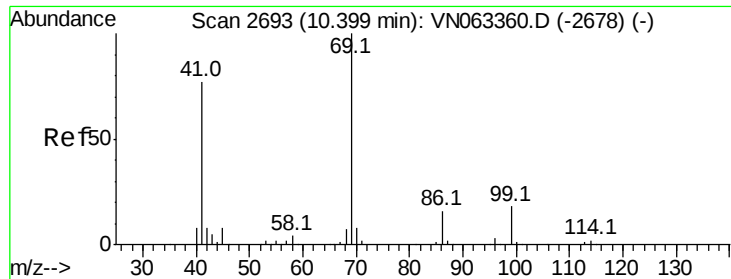


Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2493) (-)





#56

Ethyl methacrylate

Concen: 0.393 ug/l

RT: 10.51 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampled :

PB131805TB

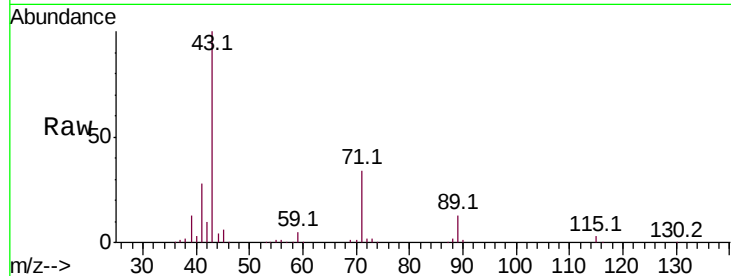
Tot Ion: 69 Resp: 1681

Ion Ratio Lower Upper

69 100

41 5141.6 61.0 91.6#

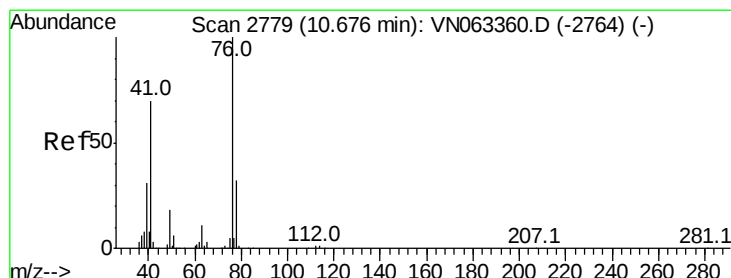
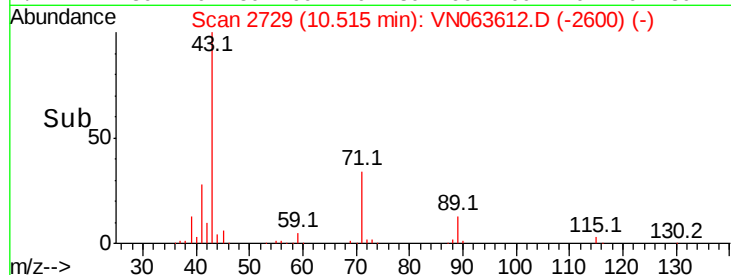
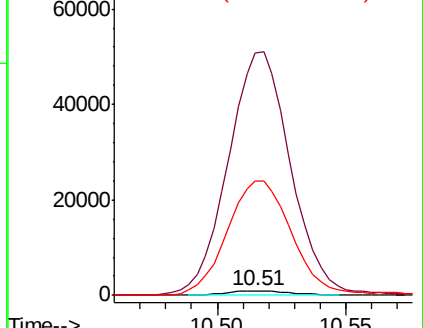
39 2472.1 39.2 58.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.122 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063612.D

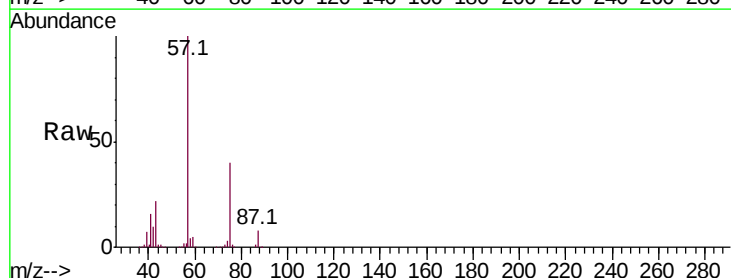
Acq: 24 Sep 2020 1:41

Tgt Ion: 76 Resp: 5546

Ion Ratio Lower Upper

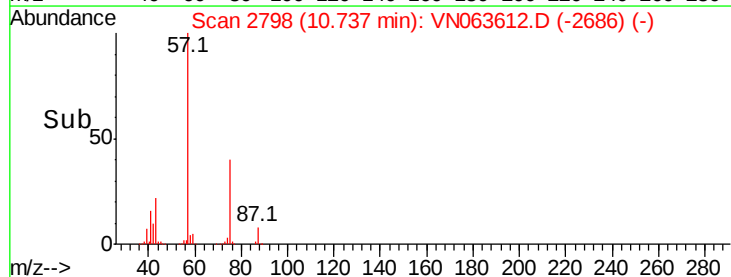
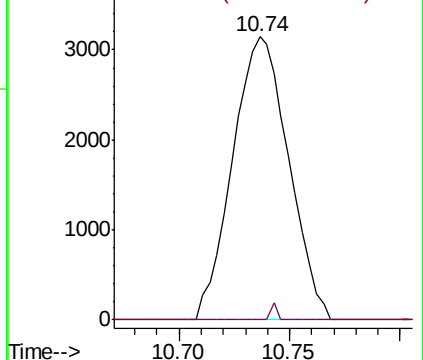
76 100

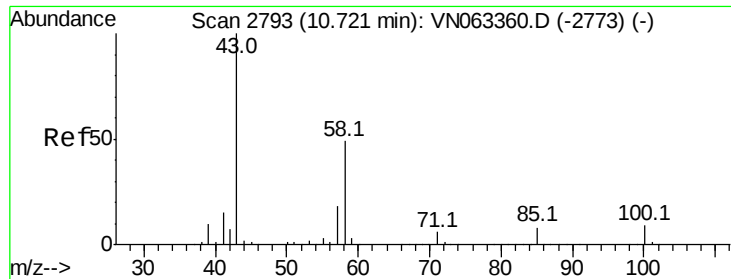
78 0.6 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 30.776 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

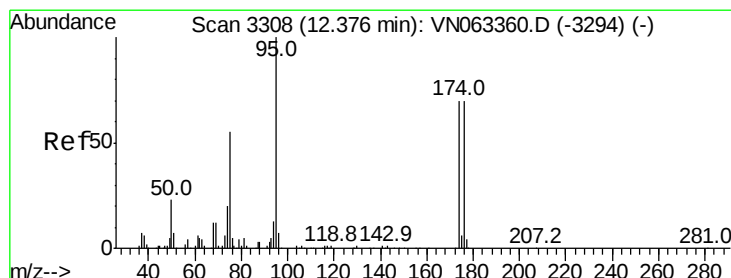
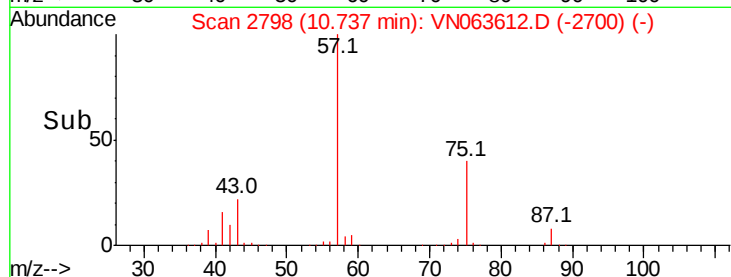
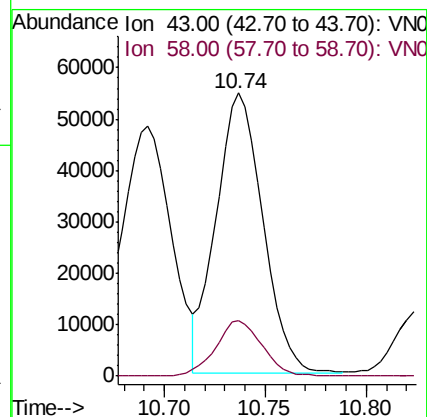
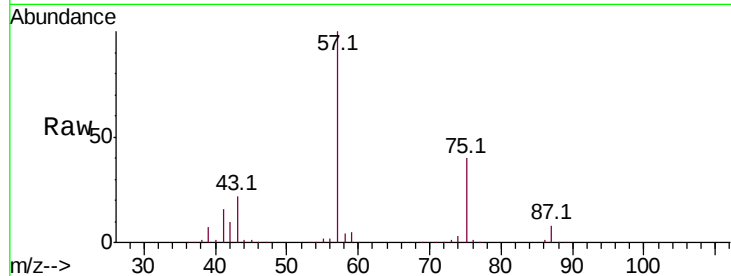
PB131805TB

Tot Ion: 43 Resp: 88057

Ion Ratio Lower Upper

43 100

58 19.6 24.7 74.1#



#62

4-Bromofluorobenzene

Concen: 52.664 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

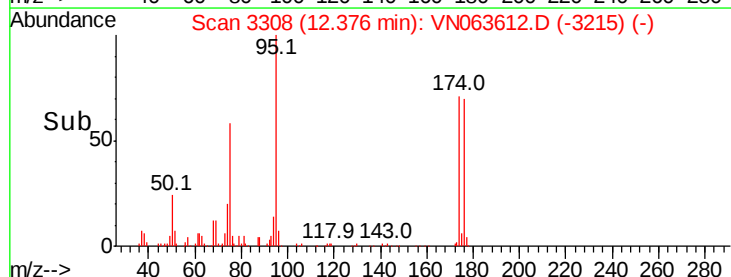
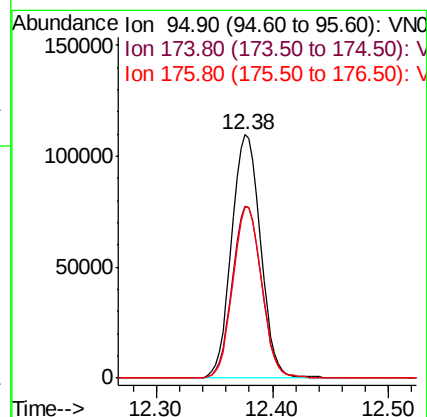
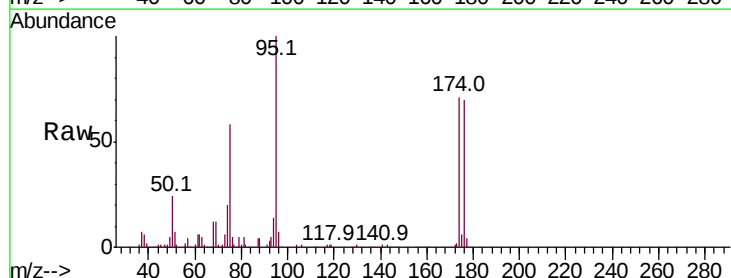
Tgt Ion: 95 Resp: 189619

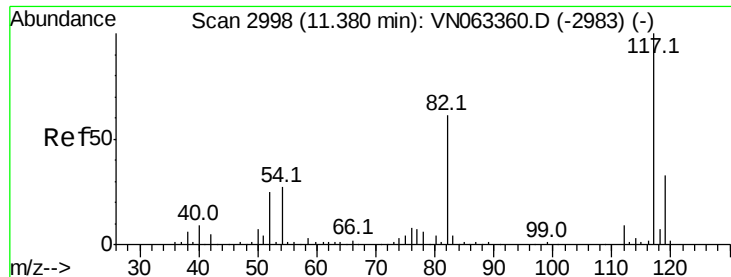
Ion Ratio Lower Upper

95 100

174 71.0 0.0 140.8

176 69.5 0.0 137.6

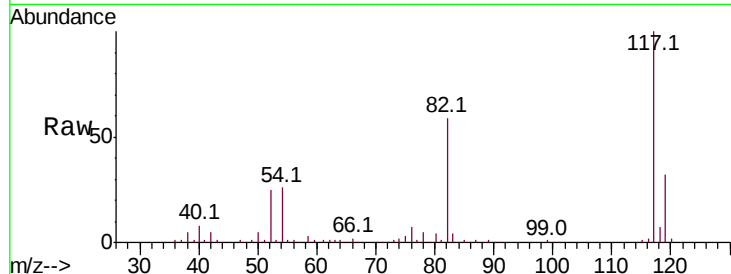




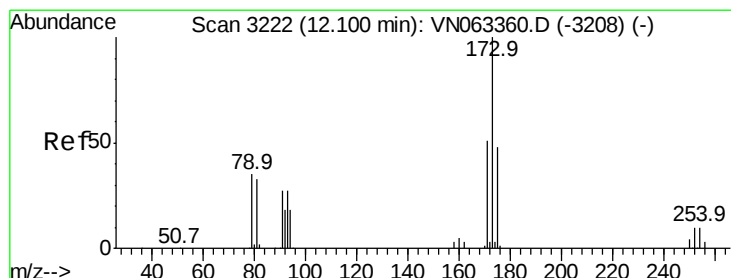
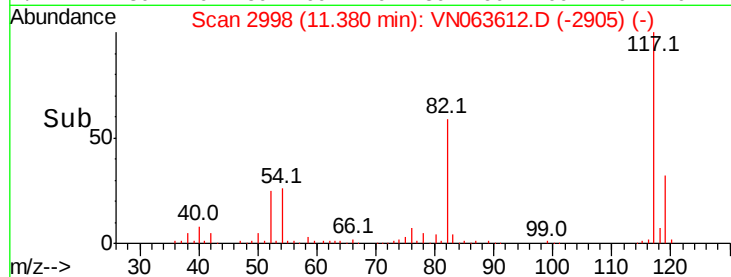
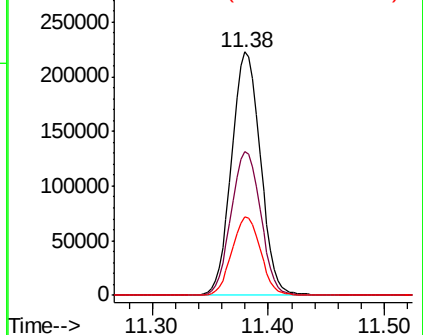
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
PB131805TB

Tot Ion:117 Resp: 385725
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 32.1 26.2 39.4

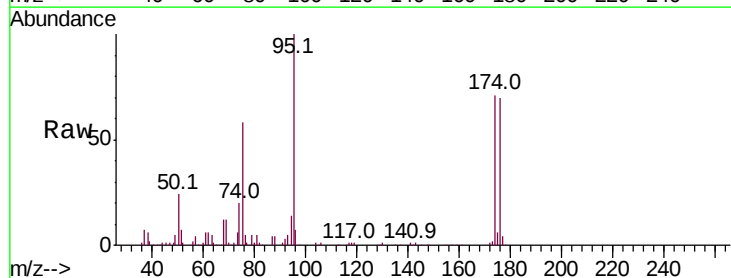


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

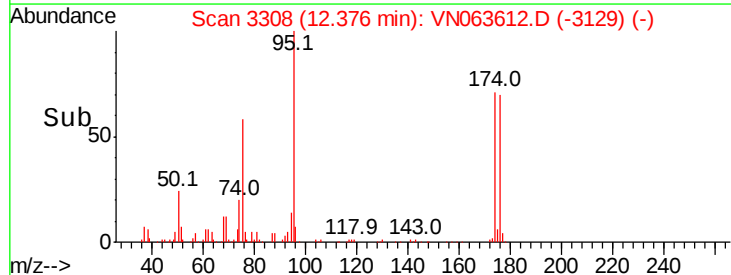
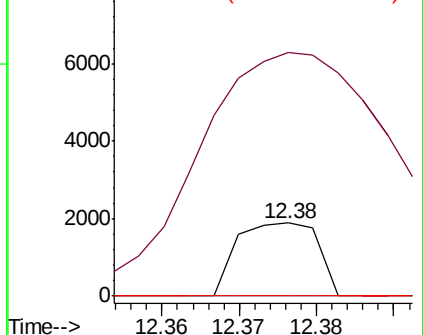


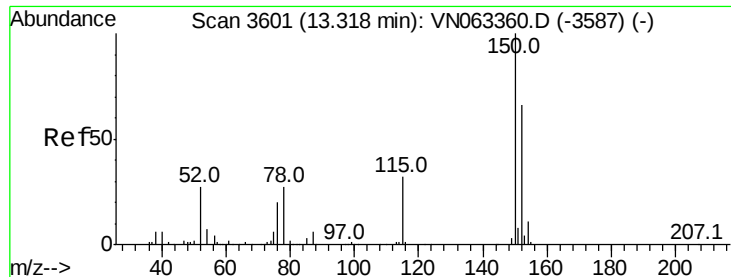
#71
Bromoform
Concen: 0.607 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Tgt Ion:173 Resp: 1358
Ion Ratio Lower Upper
173 100
175 671.2 24.0 72.0#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

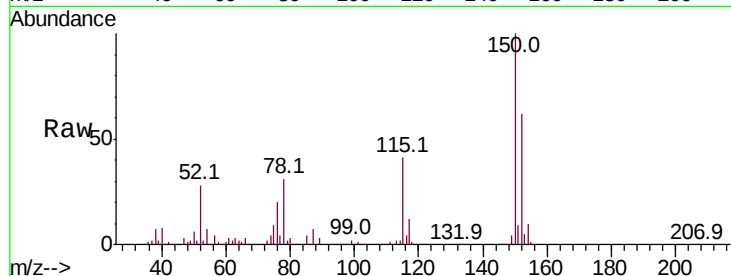
Tot Ion:152 Resp: 157326

Ion Ratio Lower Upper

152 100

115 65.1 32.2 96.6

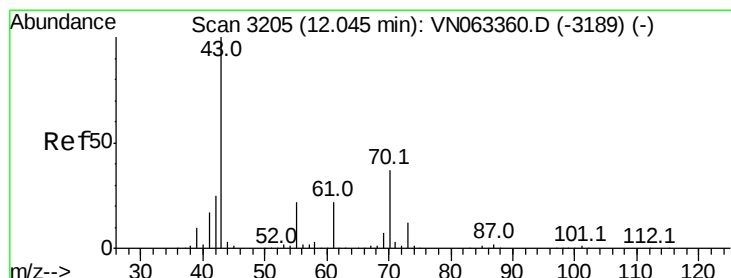
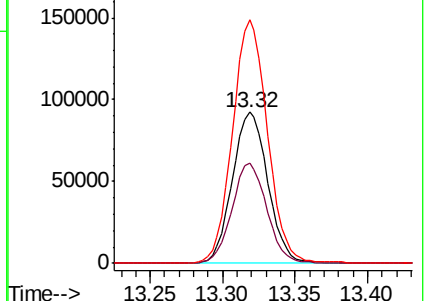
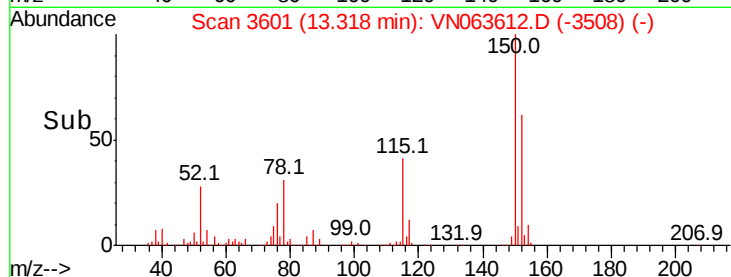
150 157.6 0.0 343.4



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: 0.645 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.04 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 3848

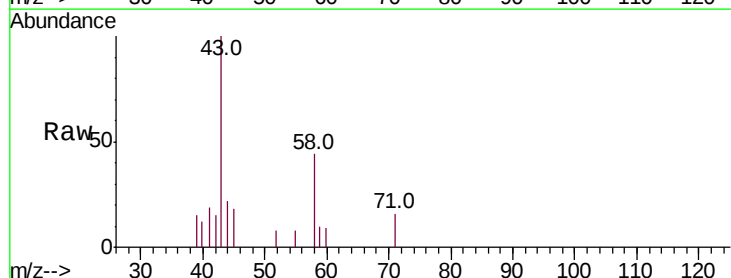
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 2.7 17.7 26.5#

61 0.0 17.4 26.2#

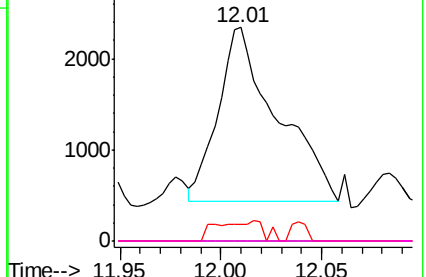
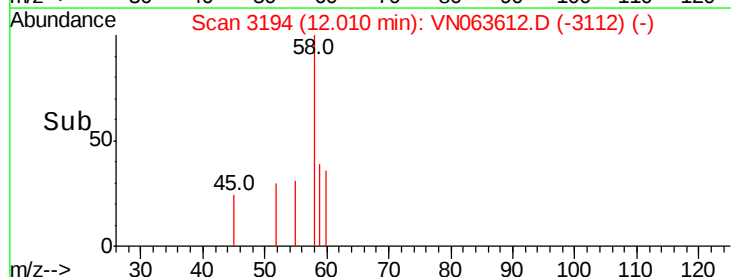


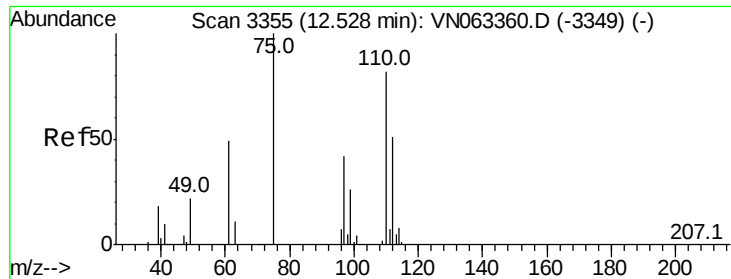
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

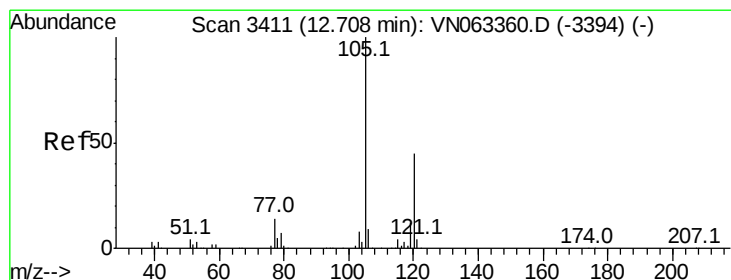
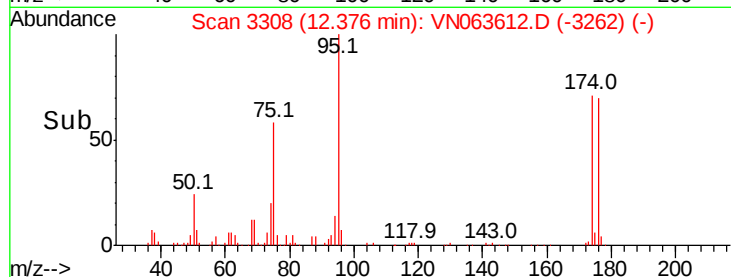
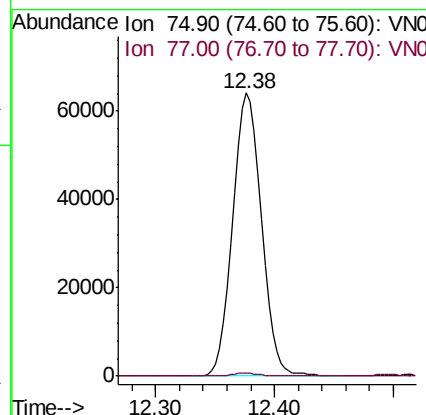
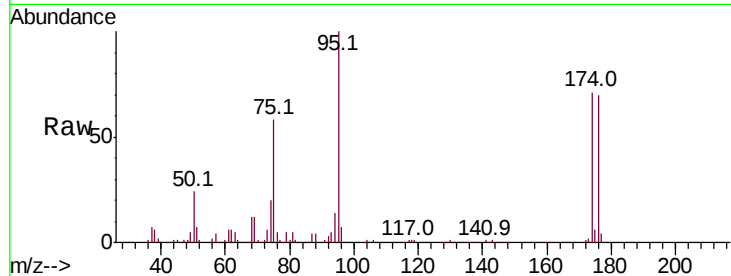




#76
 1,2,3-Trichloropropane
 Concen: 27.676 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

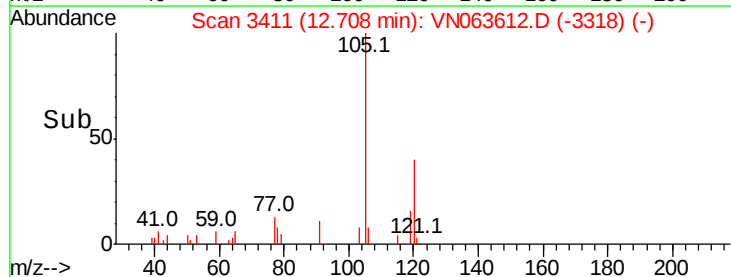
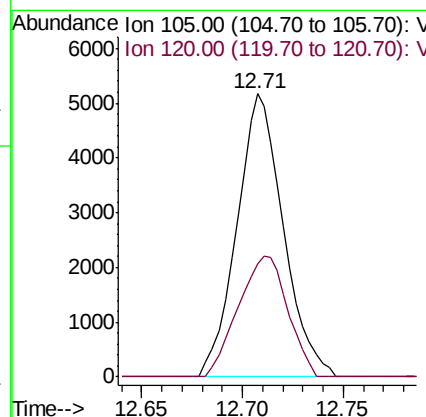
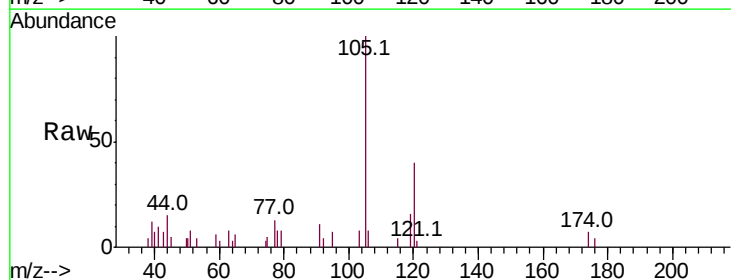
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

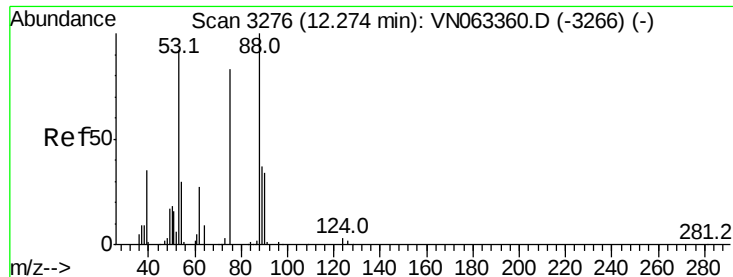
Tot Ion: 75 Resp: 107771
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.791 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Tgt Ion:105 Resp: 8316
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 75.877 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

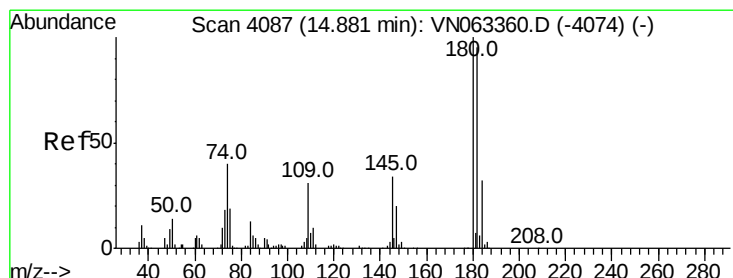
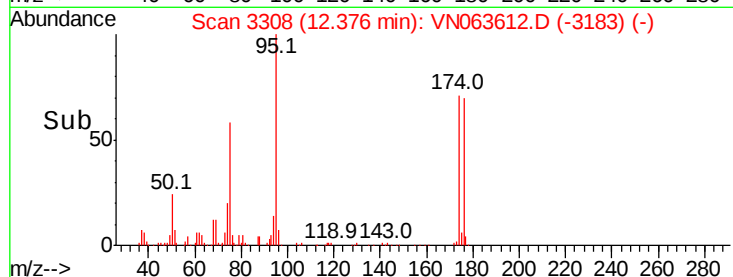
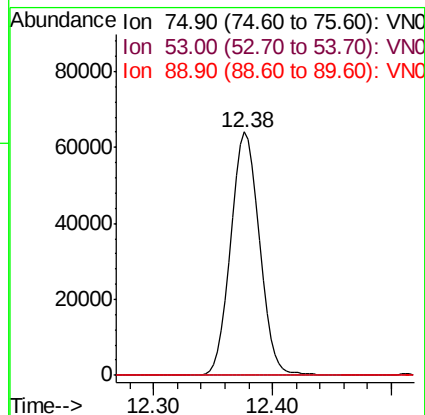
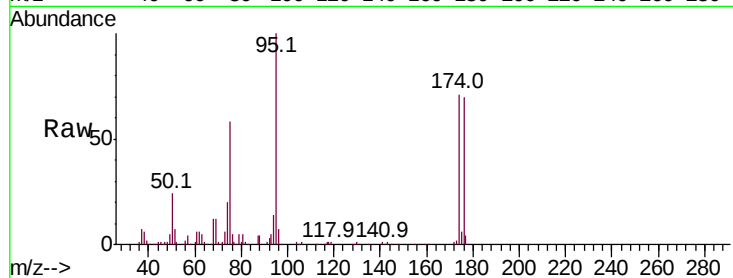
Tot Ion: 75 Resp: 107771

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.296 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

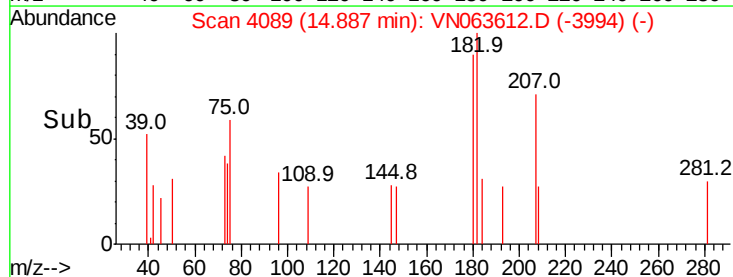
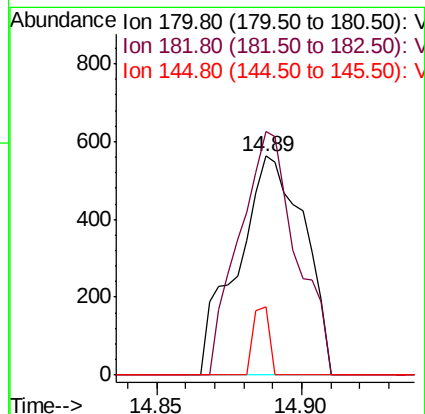
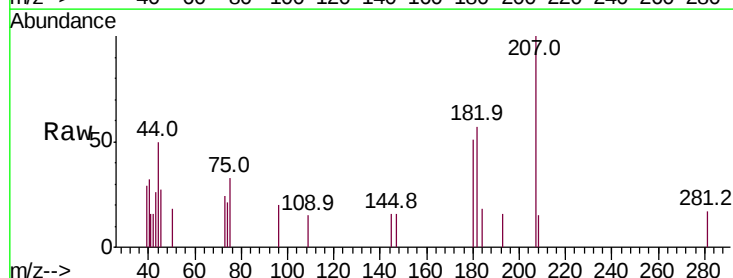
Tgt Ion: 180 Resp: 899

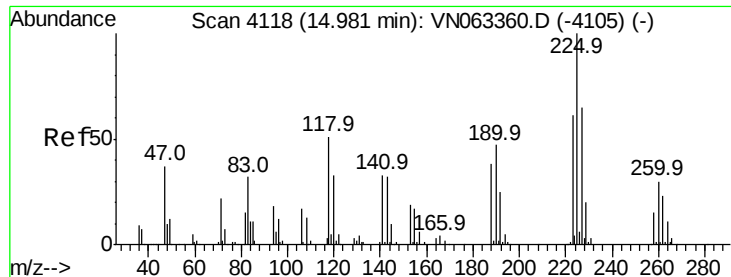
Ion Ratio Lower Upper

180 100

182 95.0 47.3 142.0

145 7.3 16.6 49.7#





#94

Hexachlorobutadiene

Concen: 0.289 ug/l

RT: 14.99 min Scan# 4120

Delta R.T. 0.01 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampled :

PB131805TB

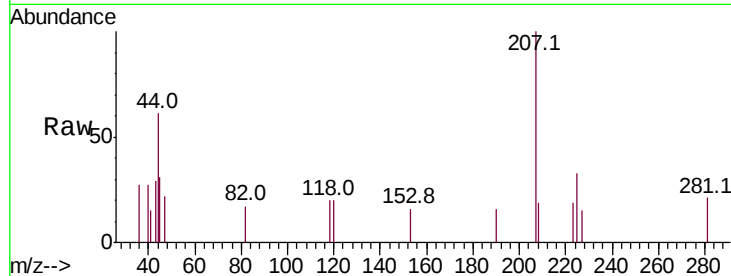
Tot Ion:225 Resp: 364

Ion Ratio Lower Upper

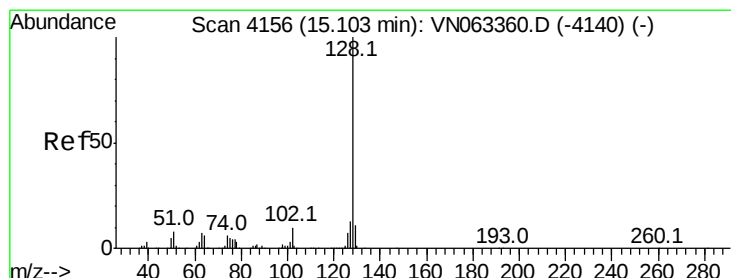
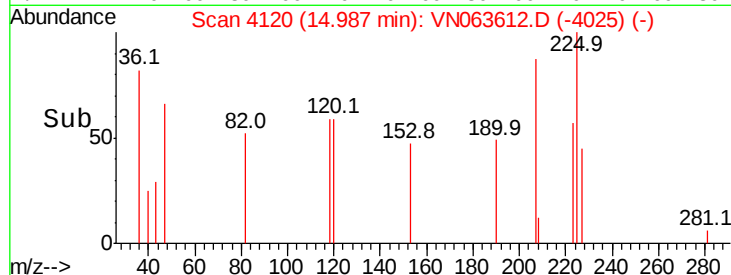
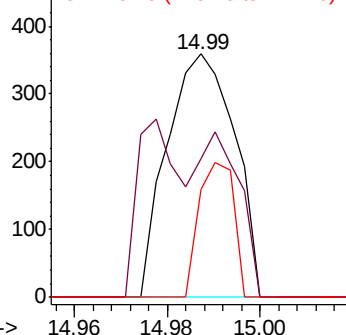
225 100

223 42.6 30.6 91.6

227 28.8 31.2 93.6#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.341 ug/l

RT: 15.12 min Scan# 4160

Delta R.T. 0.01 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

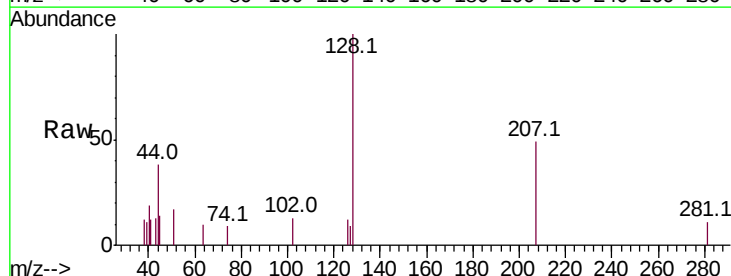
Tgt Ion:128 Resp: 3431

Ion Ratio Lower Upper

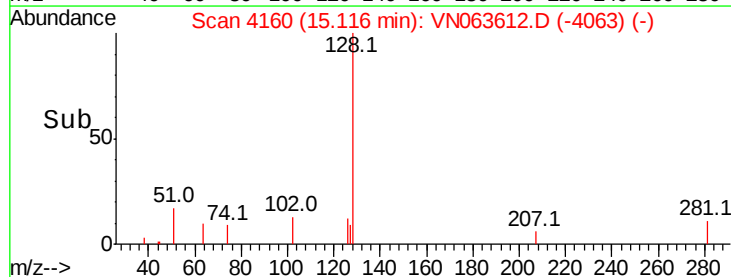
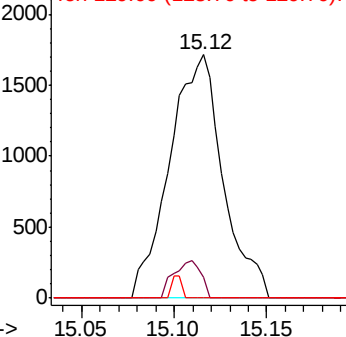
128 100

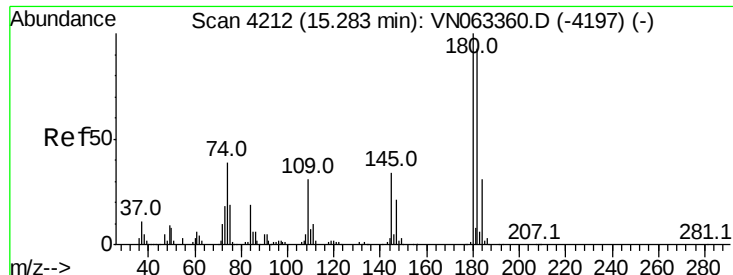
127 7.9 10.6 15.8#

129 1.8 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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	115.2	46.7	140.1
145	19.3	16.8	50.3

