

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063643.D
 Acq On : 24 Sep 2020 21:04
 Operator : JC/MD
 Sample : L4119-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

Quant Time: Sep 25 03:51:23 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	194356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156970	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	171822	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	124800	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	10.06	98	474235	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	181668	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	

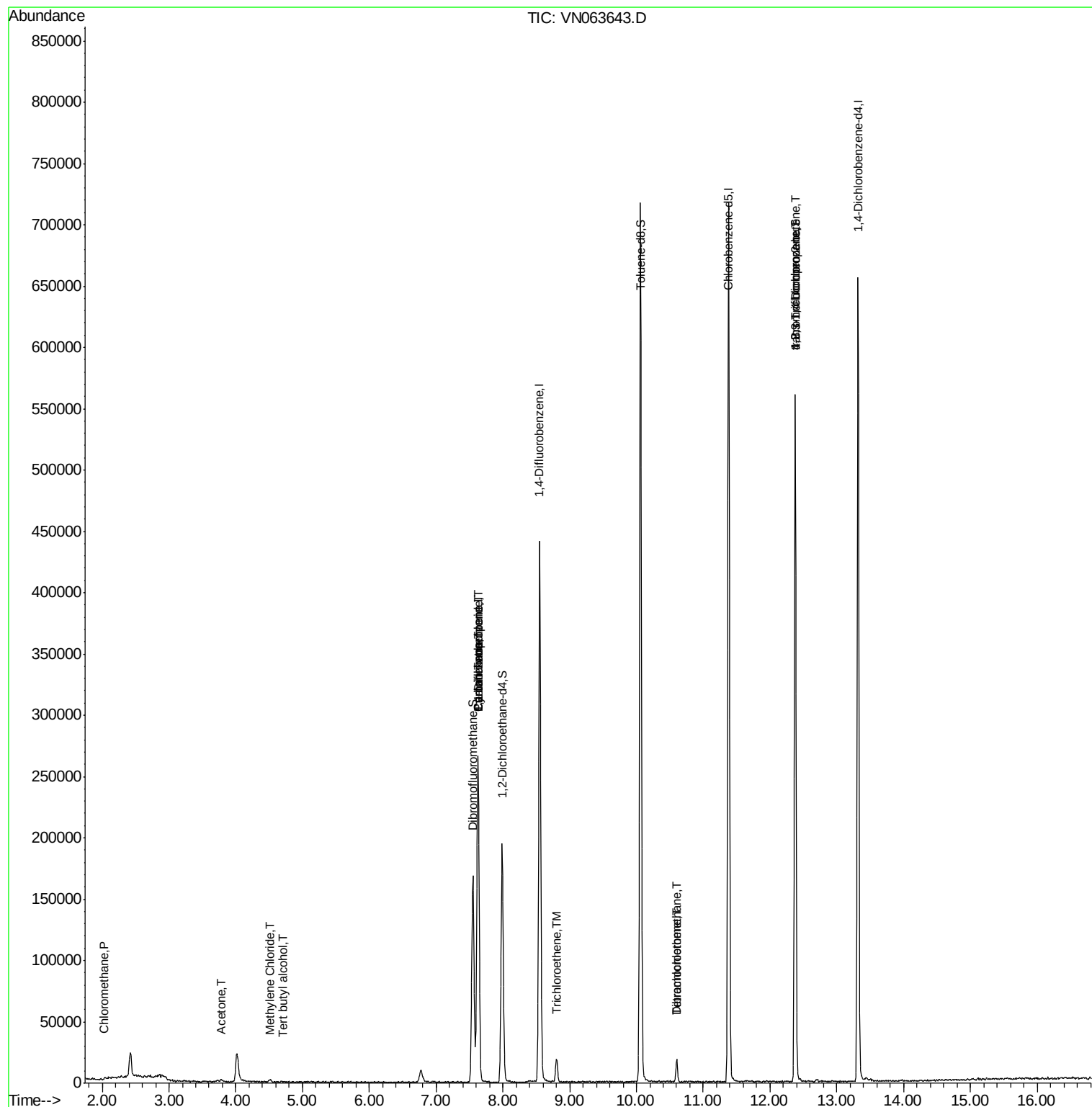
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1393	0.478	ug/l	94
11) Tert butyl alcohol	4.71	59	335	0.731	ug/l #	72
16) Acetone	3.78	43	3773	3.548	ug/l	96
20) Methylene Chloride	4.51	84	869	0.323	ug/l #	64
31) Cyclohexane	7.63	56	5547	1.214	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	18098	4.651	ug/l #	49
38) Carbon Tetrachloride	7.62	117	21972	5.532	ug/l #	17
44) Trichloroethene	8.79	130	3067	1.138	ug/l	88
60) Dibromochloromethane	10.61	129	3531	1.178	ug/l #	10
64) Tetrachloroethene	10.60	164	3544	1.406	ug/l	88
76) 1,2,3-Trichloropropane	12.38	75	104943	27.011	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	104943	74.053	ug/l #	7

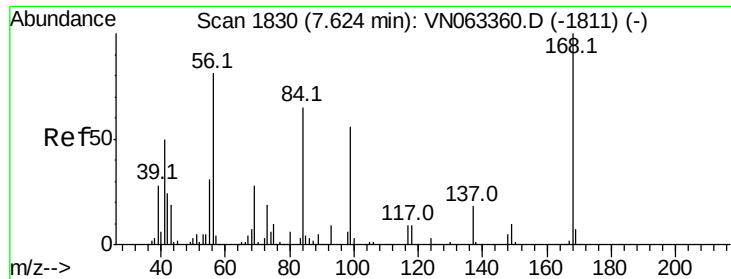
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

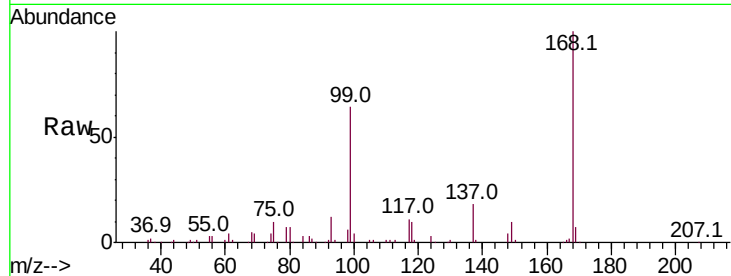
RE126D3-20200921

Tot Ion:168 Resp: 194356

Ion Ratio Lower Upper

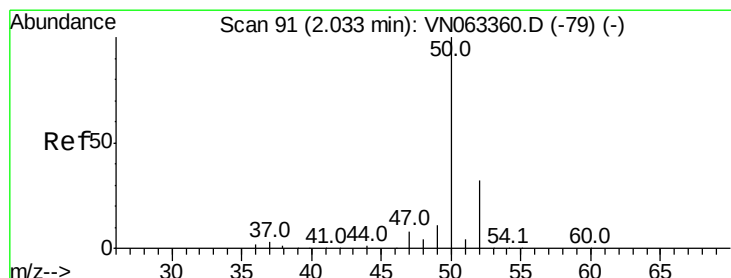
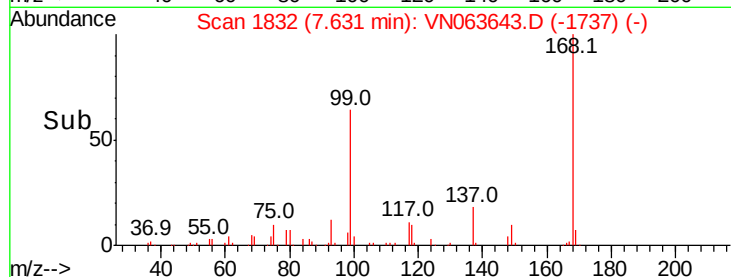
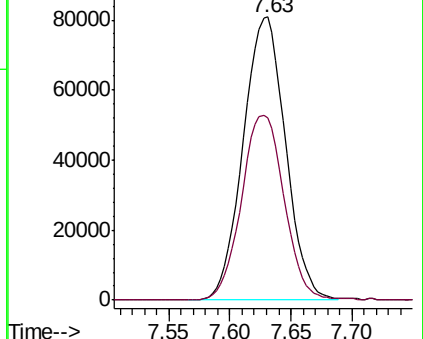
168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.478 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063643.D

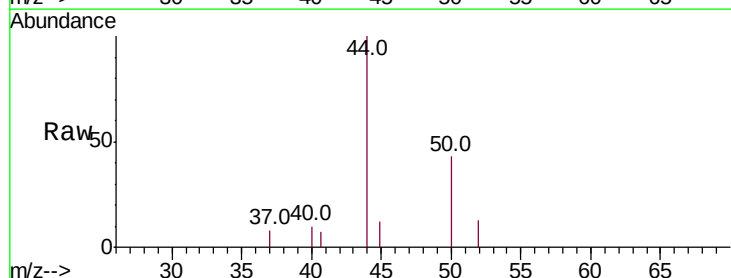
Acq: 24 Sep 2020 21:04

Tgt Ion: 50 Resp: 1393

Ion Ratio Lower Upper

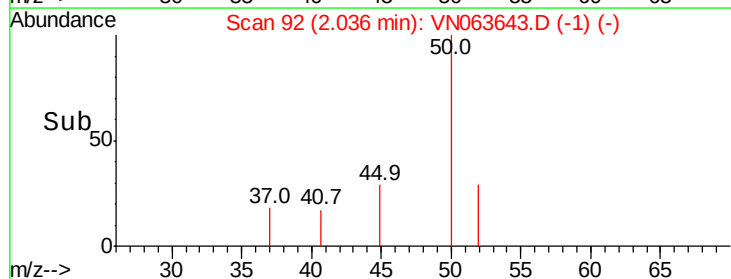
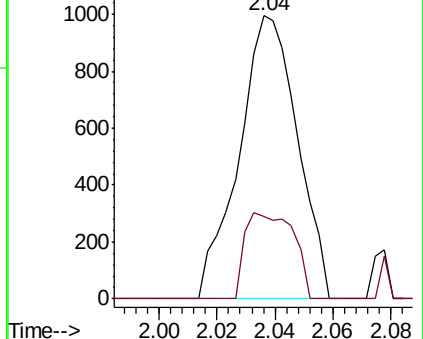
50 100

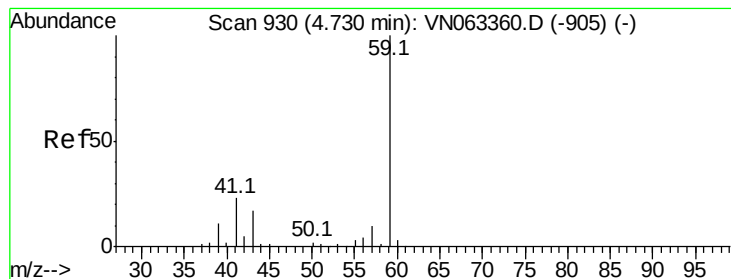
52 29.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



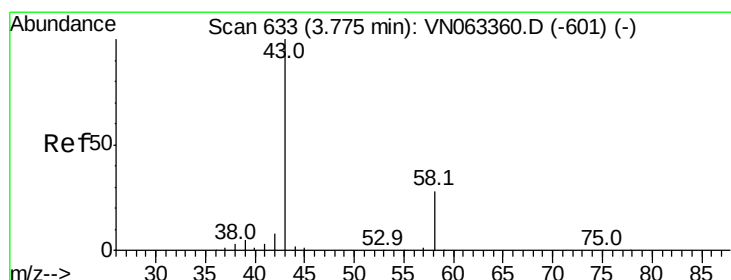
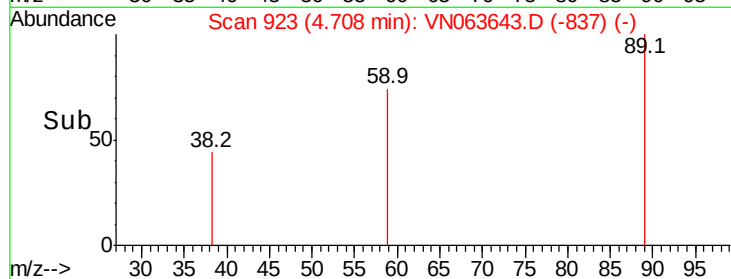
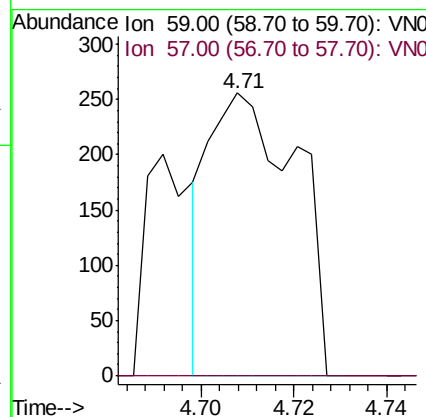
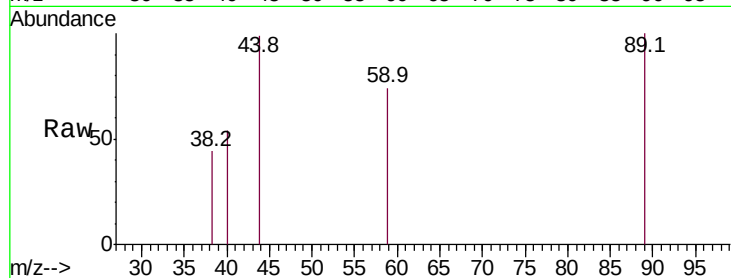


#11

Tert butyl alcohol
 Concen: 0.731 ug/l
 RT: 4.71 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Instrument :
 MSVOA_N
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 RE126D3-20200921

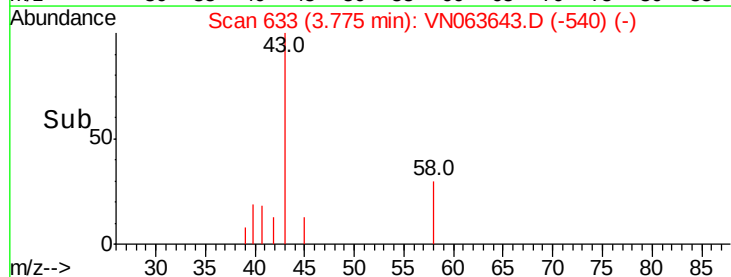
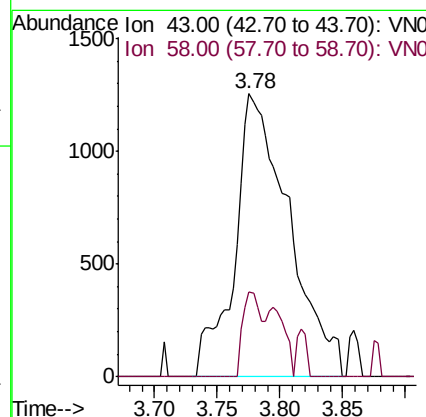
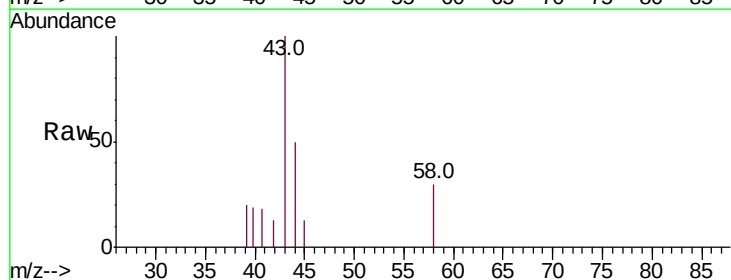
Tot Ion: 59 Resp: 335
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

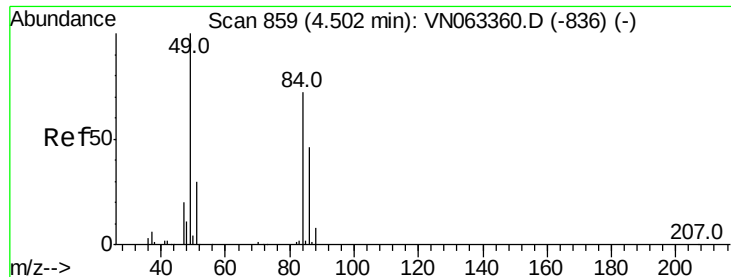


#16

Acetone
 Concen: 3.548 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion: 43 Resp: 3773
 Ion Ratio Lower Upper
 43 100
 58 30.1 22.3 33.5





#20

Methylene Chloride

Concen: 0.323 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

Tot Ion: 84 Resp: 869

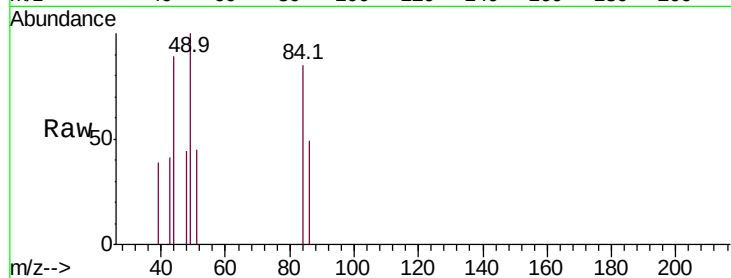
Ion Ratio Lower Upper

84 100

49 71.8 110.7 166.1#

51 52.2 32.9 49.3#

86 58.0 51.1 76.7

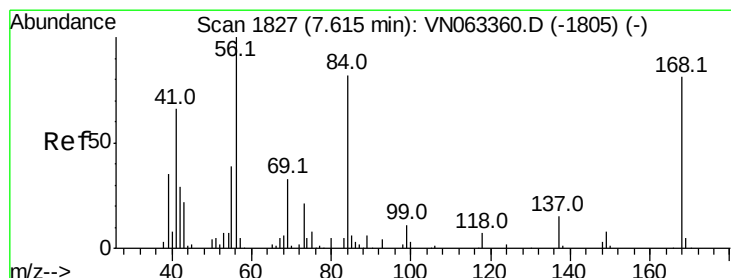
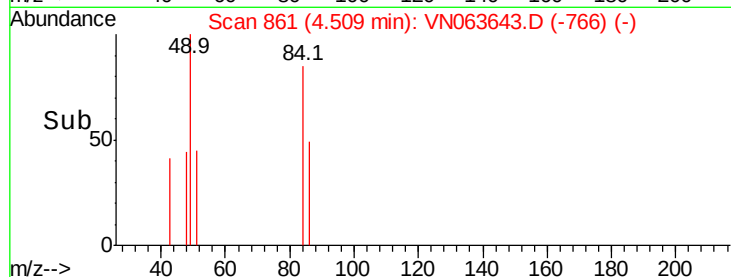
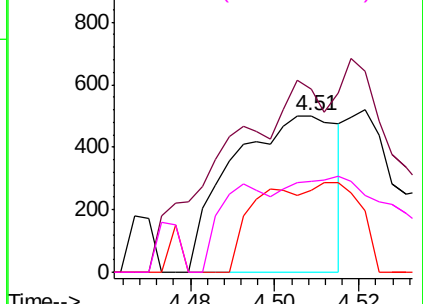


Abundance Ion 83.90 (83.60 to 84.60): VNO

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



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.63 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

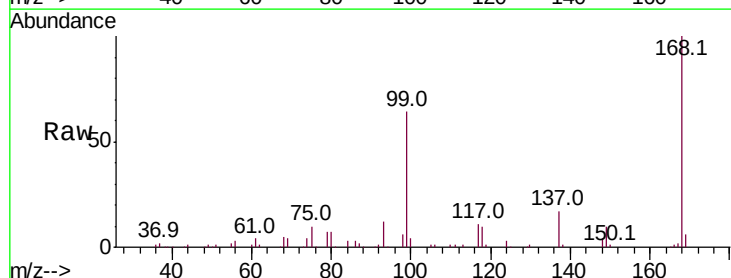
Tgt Ion: 56 Resp: 5547

Ion Ratio Lower Upper

56 100

69 138.5 26.1 39.1#

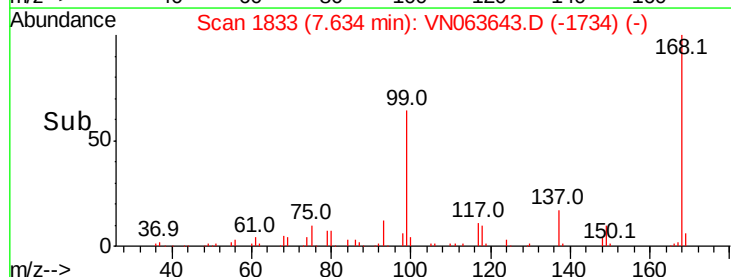
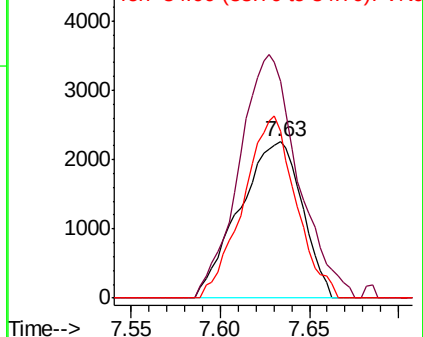
84 107.0 65.4 98.2#

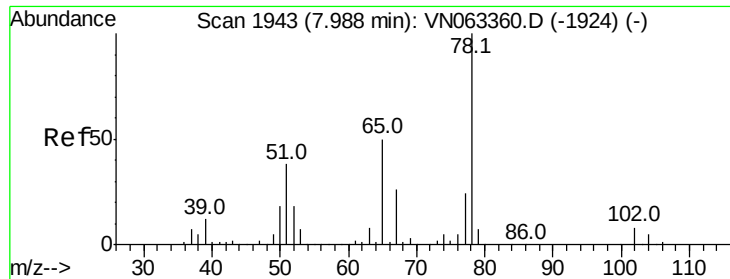


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

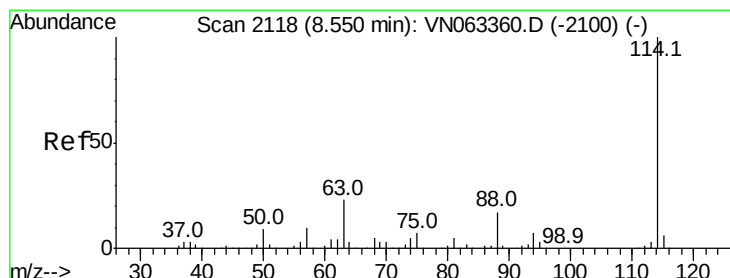
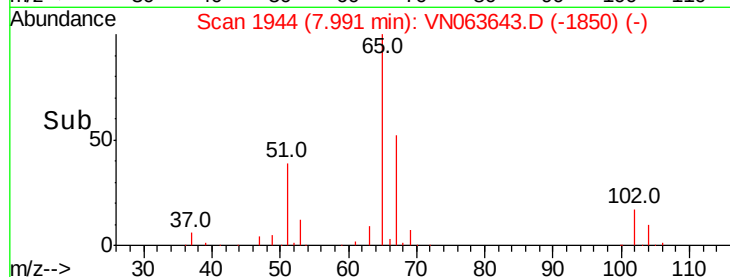
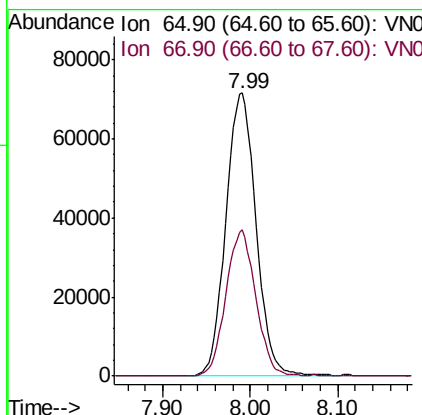
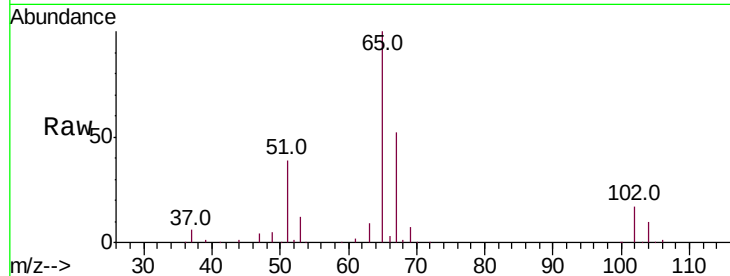




#33
 1,2-Dichloroethane-d4
 Concen: 51.934 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

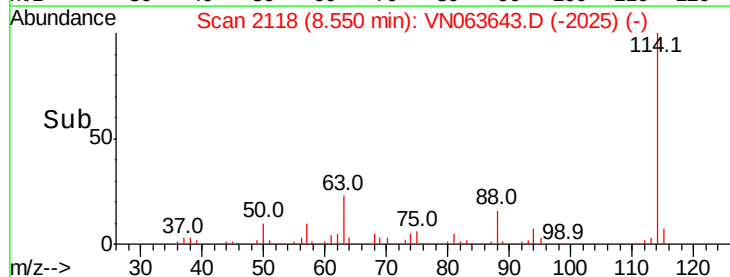
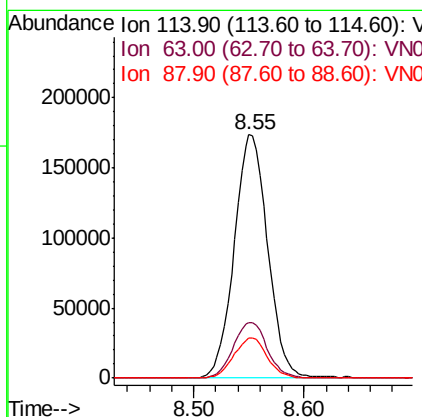
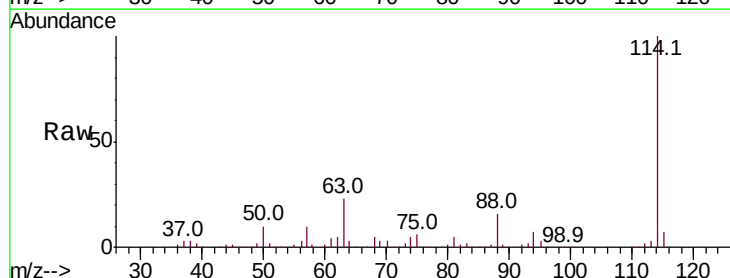
Instrument :
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 RE126D3-20200921

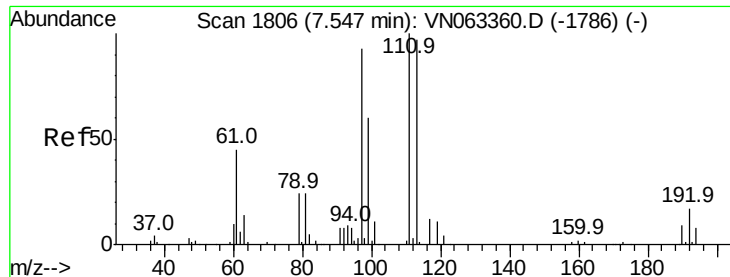
Tot Ion: 65 Resp: 171822
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion: 114 Resp: 365229
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 16.2 0.0 33.2

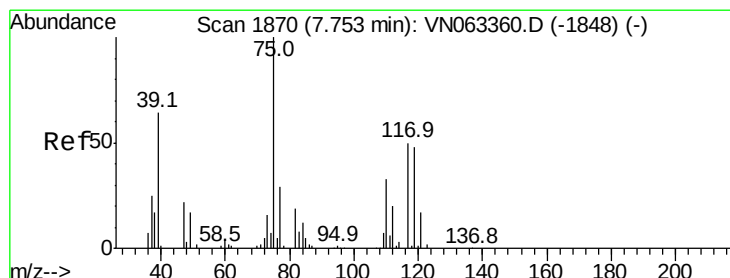
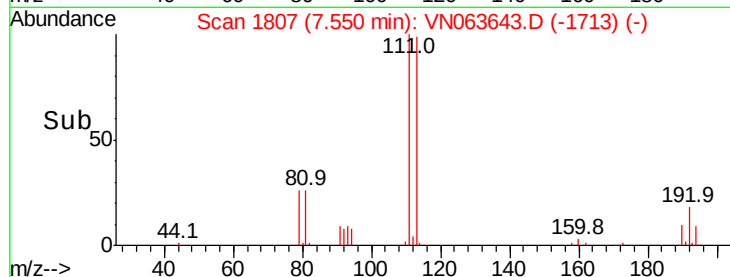
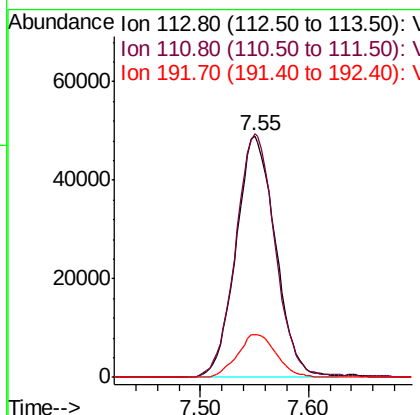
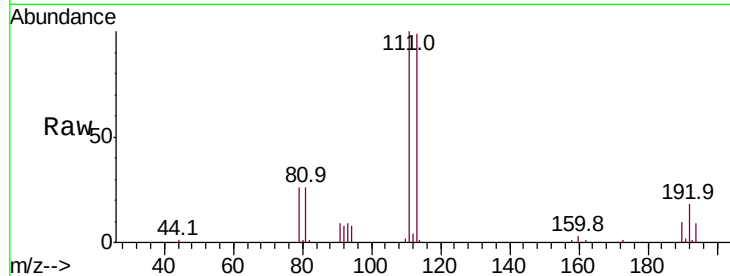




#35
 Dibromofluoromethane
 Concen: 49.359 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

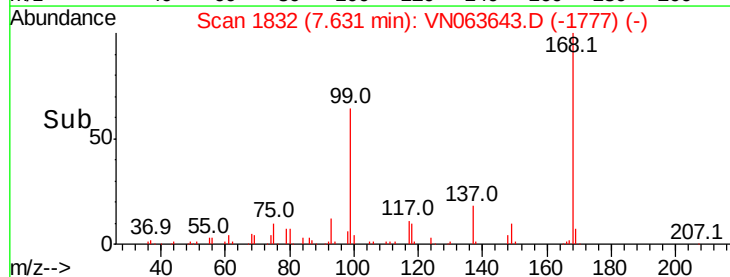
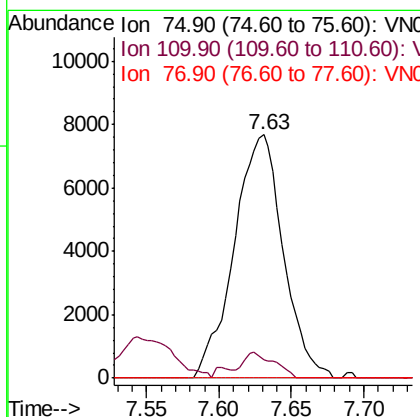
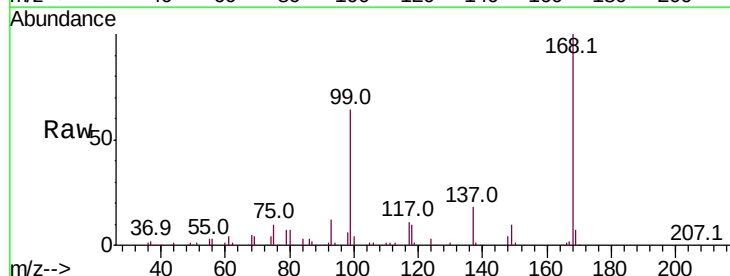
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

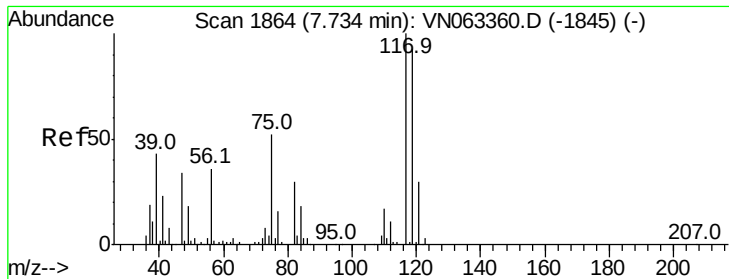
Tot Ion:113 Resp: 124800
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.651 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion: 75 Resp: 18098
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.532 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

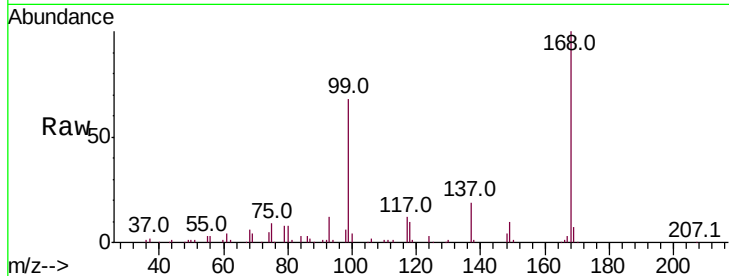
Tot Ion:117 Resp: 21972

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

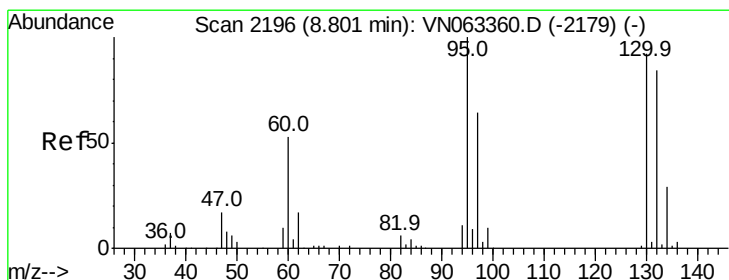
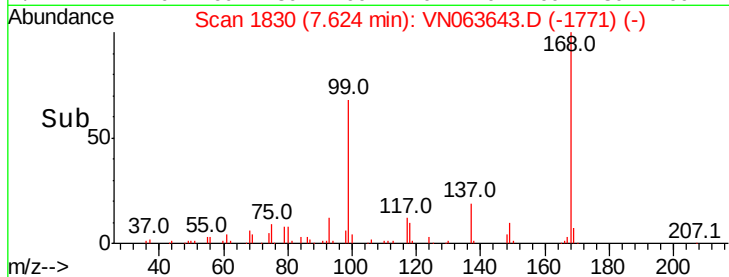
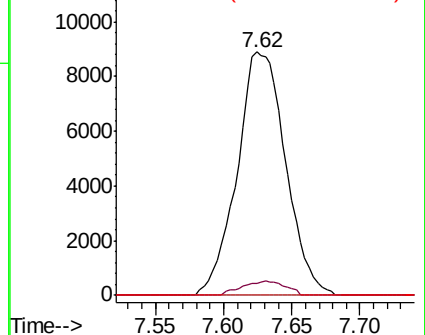
121 0.0 24.1 36.1#



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



#44

Trichloroethene

Concen: 1.138 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN063643.D

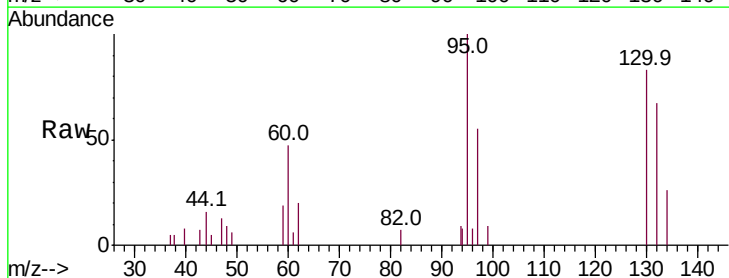
Acq: 24 Sep 2020 21:04

Tgt Ion:130 Resp: 3067

Ion Ratio Lower Upper

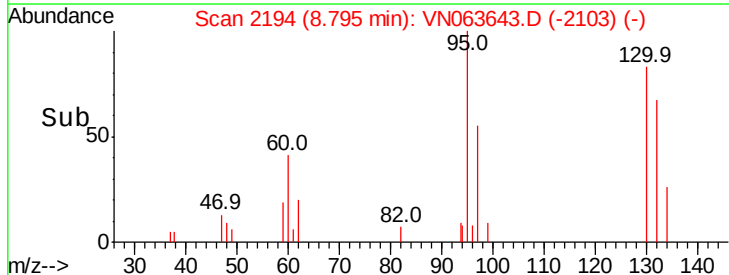
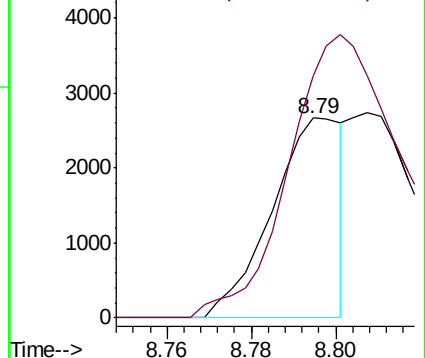
130 100

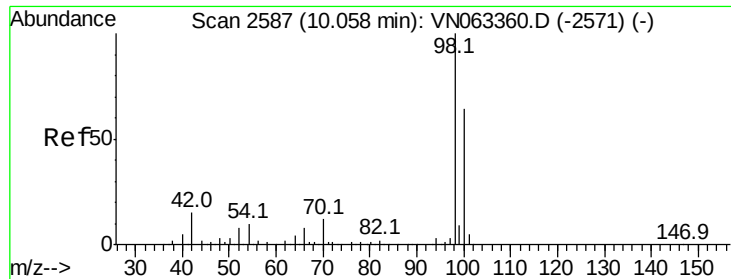
95 121.2 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 49.881 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

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ClientSampleId :

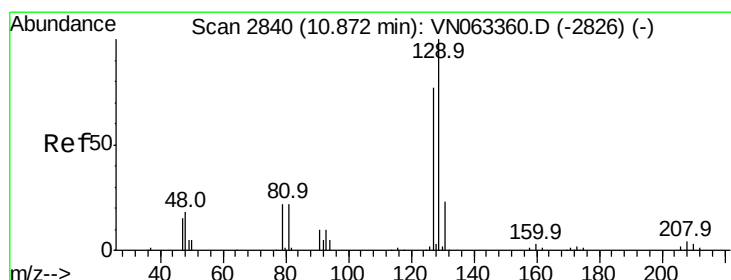
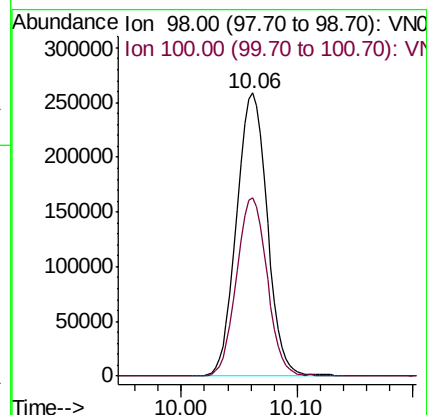
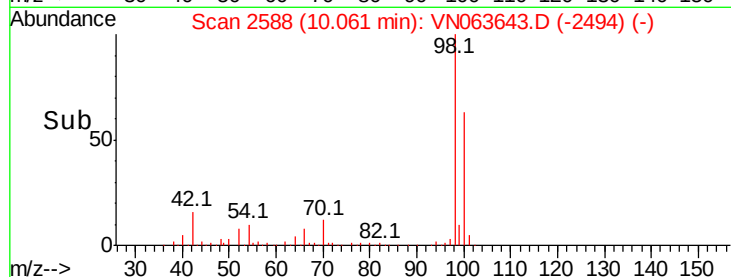
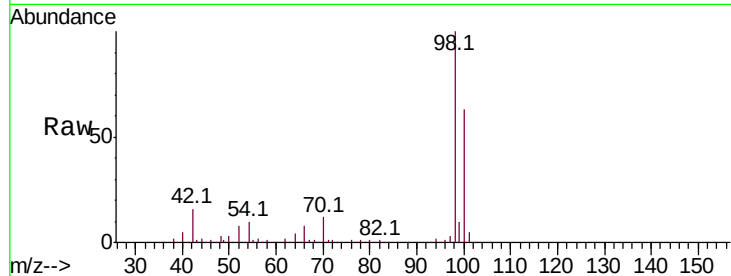
RE126D3-20200921

Tot Ion: 98 Resp: 474235

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#60

Dibromochloromethane

Concen: 1.178 ug/l

RT: 10.61 min Scan# 2758

Delta R.T. -0.26 min

Lab File: VN063643.D

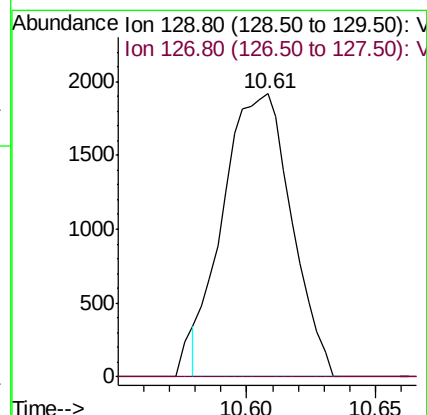
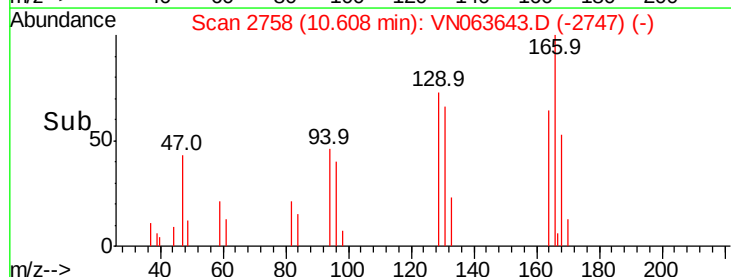
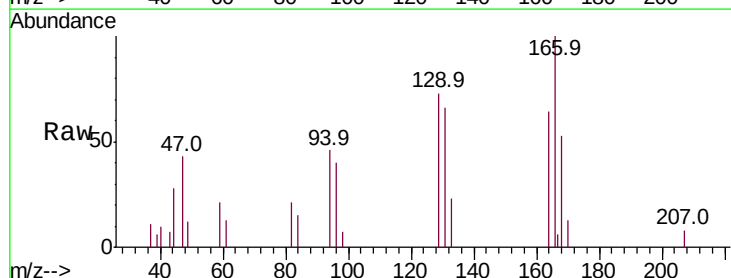
Acq: 24 Sep 2020 21:04

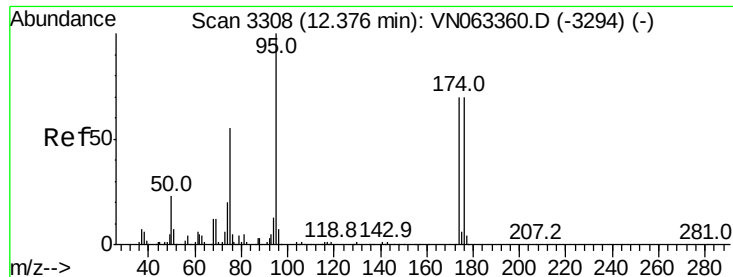
Tgt Ion: 129 Resp: 3531

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#





#62

4-Bromofluorobenzene

Concen: 52.126 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

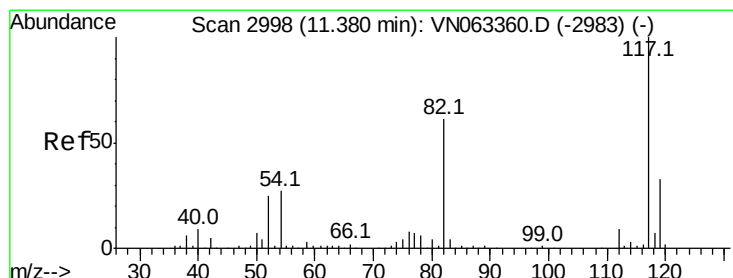
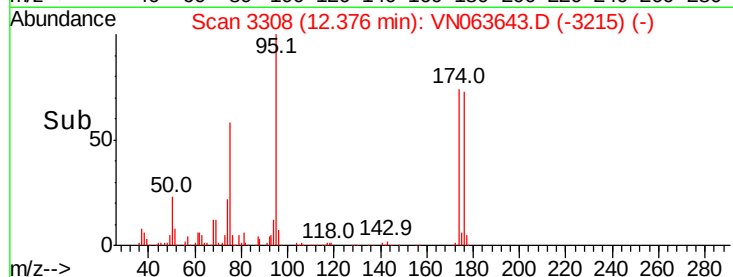
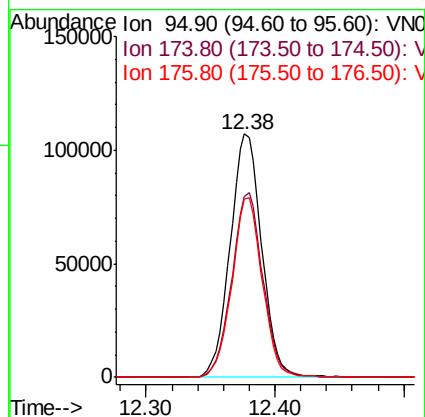
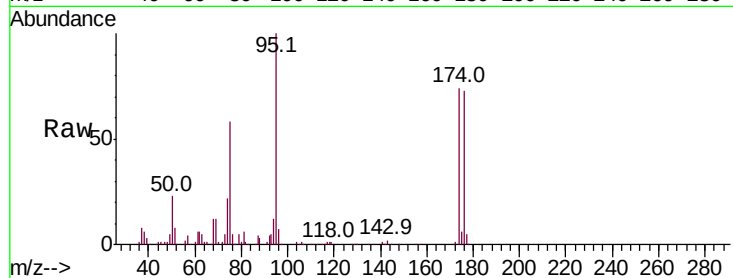
Tot Ion: 95 Resp: 181668

Ion Ratio Lower Upper

95 100

174 74.9 0.0 140.8

176 71.1 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: VN063643.D

Acq: 24 Sep 2020 21:04

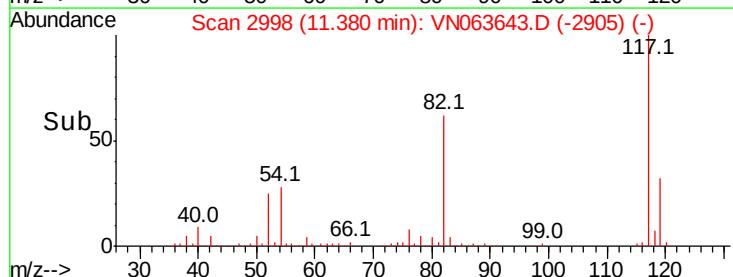
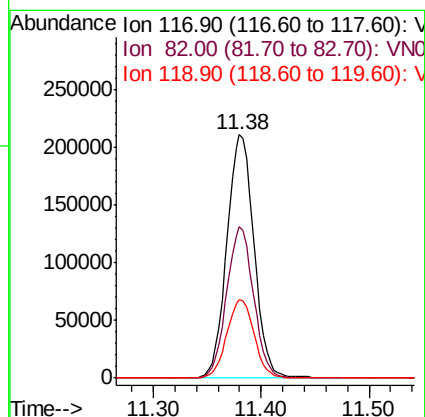
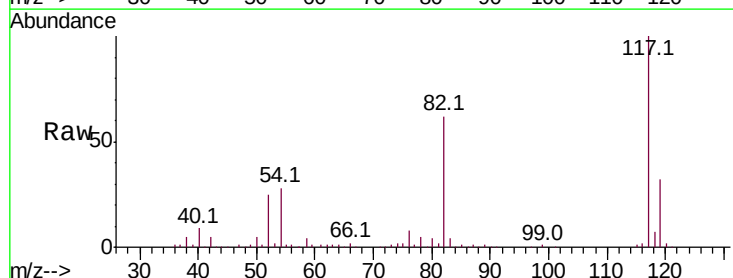
Tgt Ion: 117 Resp: 370175

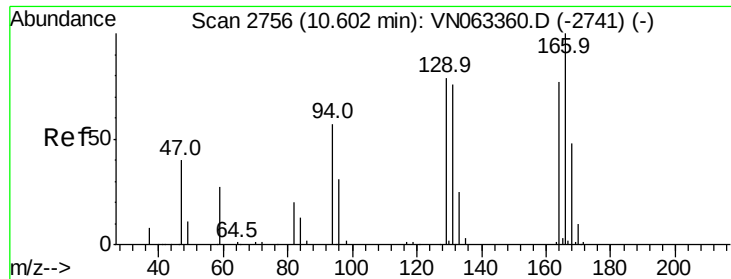
Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

119 32.3 26.2 39.4





#64

Tetrachloroethene

Concen: 1.406 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

Tot Ion:164 Resp: 3544

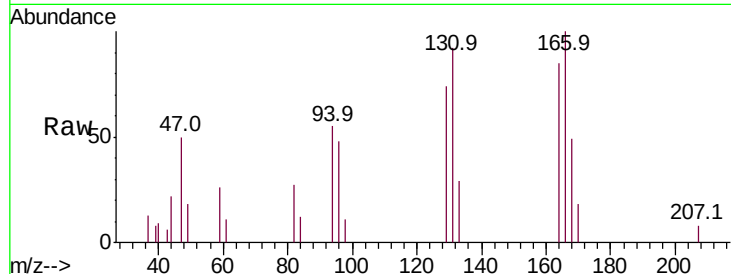
Ion Ratio Lower Upper

164 100

166 118.3 103.4 155.0

129 87.3 81.8 122.6

131 109.0 78.2 117.4



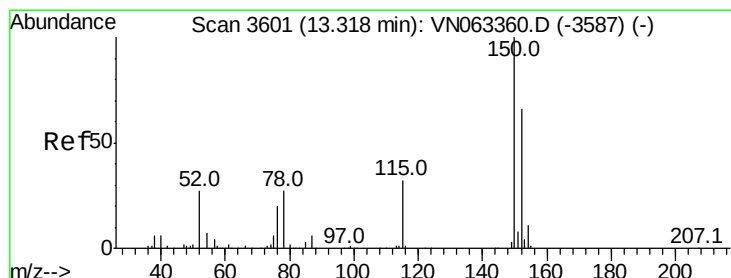
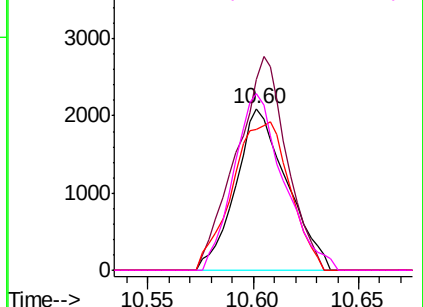
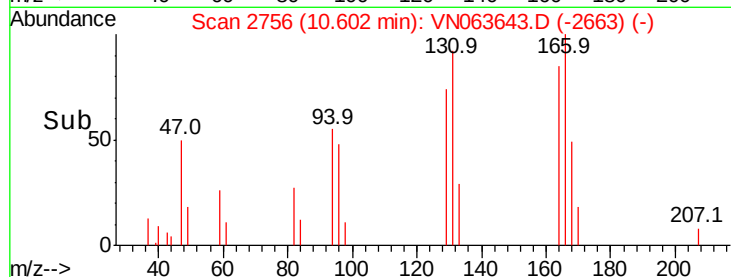
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN063643.D

Acq: 24 Sep 2020 21:04

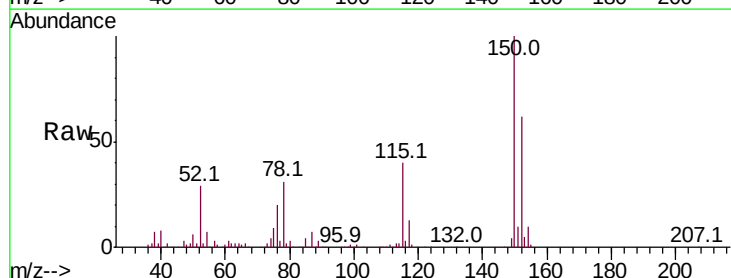
Tgt Ion:152 Resp: 156970

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

150 159.1 0.0 343.4

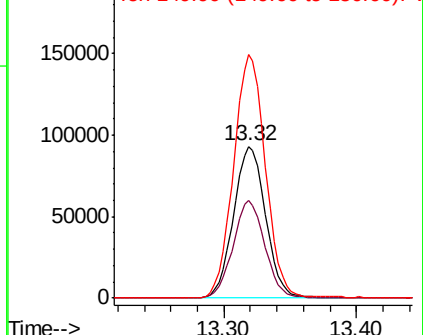
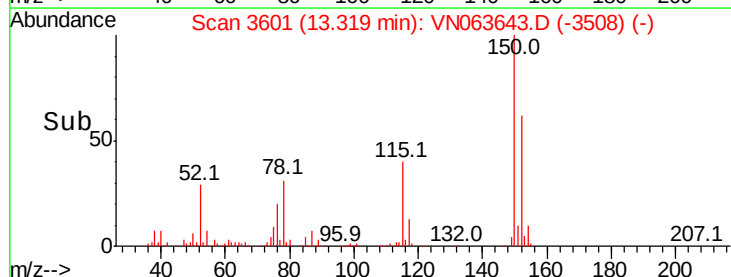


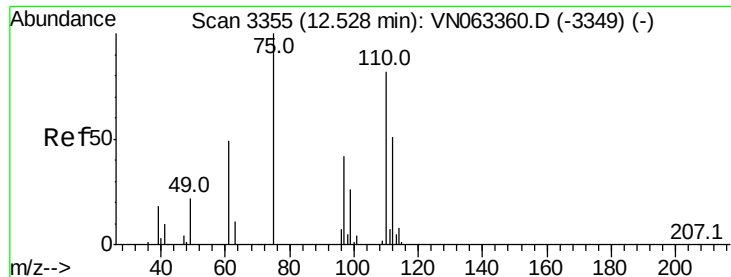
Abundance

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

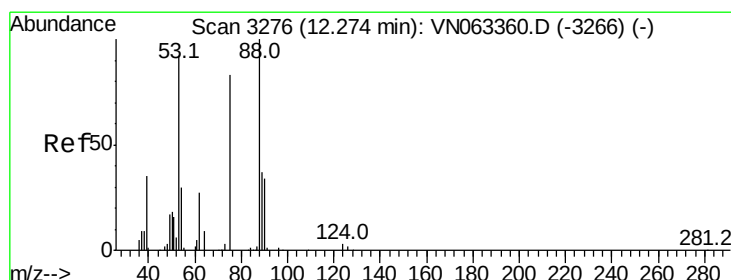
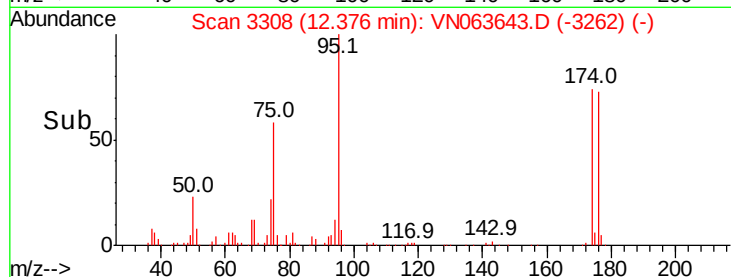
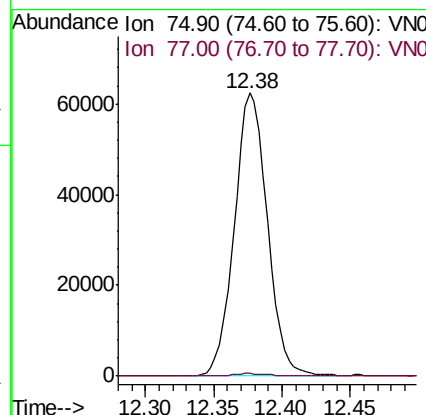
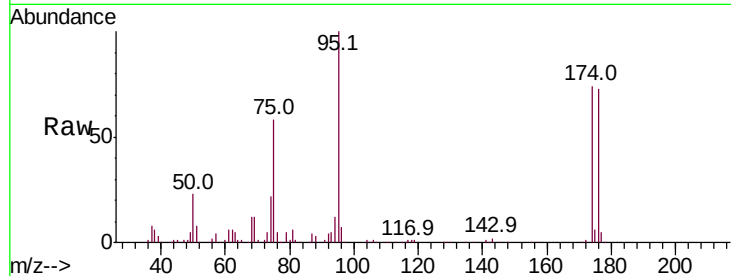




#76
 1,2,3-Trichloropropane
 Concen: 27.011 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

Tot Ion: 75 Resp: 104943
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.053 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion: 75 Resp: 104943
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.7 128.5#
 89 0.0 38.0 57.0#

