

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063638.D
 Acq On : 24 Sep 2020 19:04
 Operator : JC/MD
 Sample : L4119-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20200922

Quant Time: Sep 25 03:50:27 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	198837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156850	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	173683	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.55	113	123586	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.06	98	479869	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	187396	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	

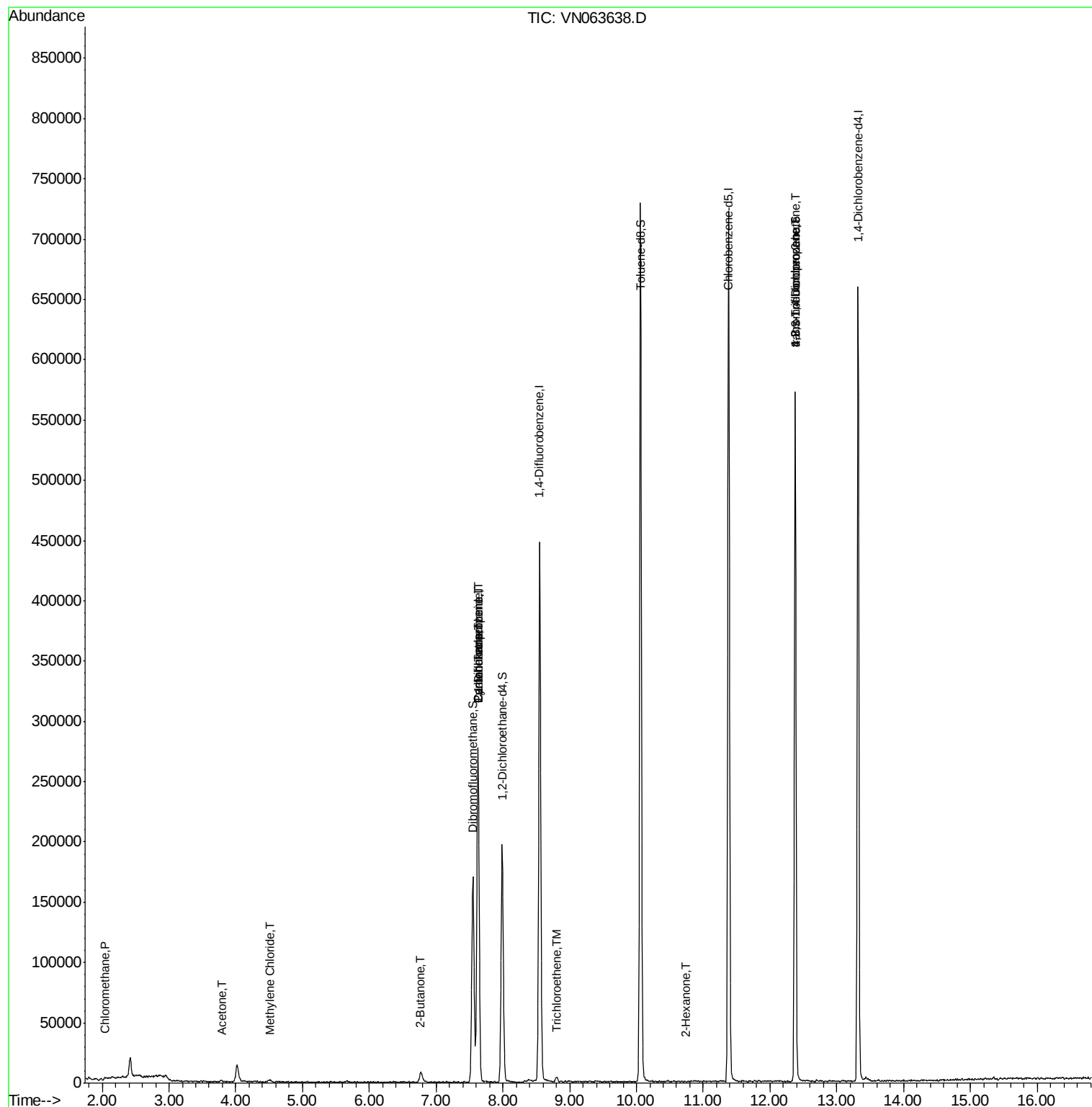
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	944	0.317	ug/l #	83
16) Acetone	3.79	43	2700	2.482	ug/l #	85
20) Methylene Chloride	4.51	84	767	0.278	ug/l #	61
25) 2-Butanone	6.77	43	390	0.233	ug/l #	51
31) Cyclohexane	7.62	56	5812	1.243	ug/l #	29
36) 1,1-Dichloropropene	7.63	75	19595	4.964	ug/l #	50
38) Carbon Tetrachloride	7.63	117	22528	5.591	ug/l #	16
44) Trichloroethene	8.79	130	1424	0.521	ug/l	81
59) 2-Hexanone	10.74	43	592	0.211	ug/l #	47
76) 1,2,3-Trichloropropane	12.38	75	107986	27.815	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	107986	76.259	ug/l #	7

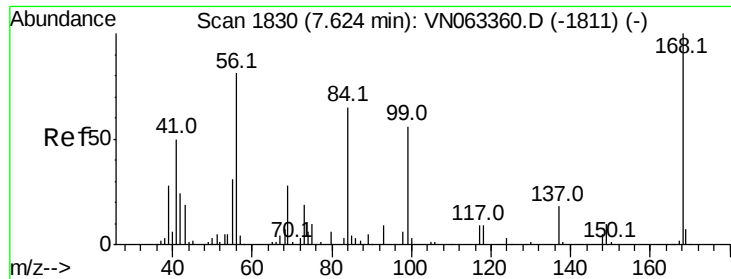
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

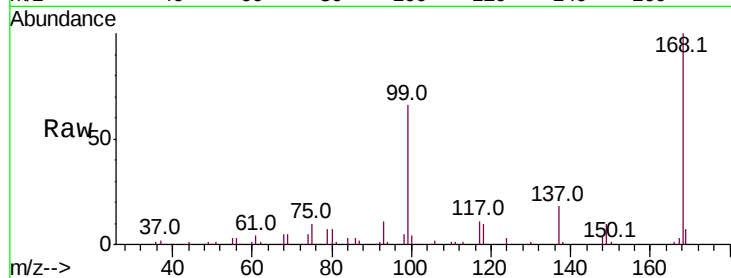
RE123D3-20200922

Tot Ion:168 Resp: 198837

Ion Ratio Lower Upper

168 100

99 66.1 53.0 79.6

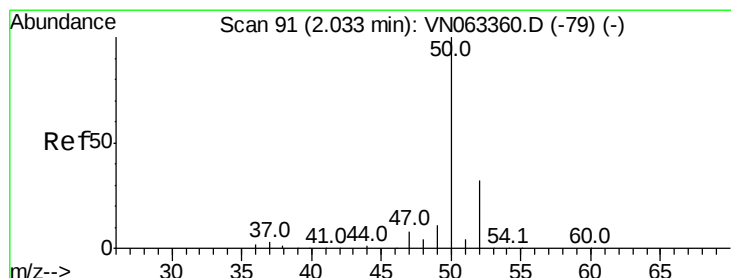
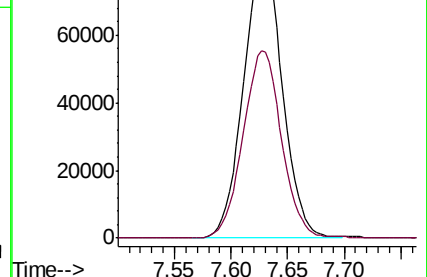
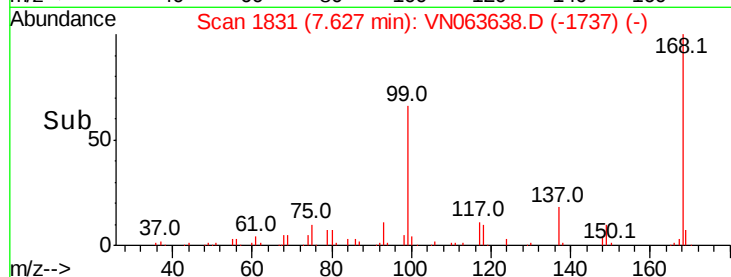


Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

7.63

Time-->



#3

Chloromethane

Concen: 0.317 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063638.D

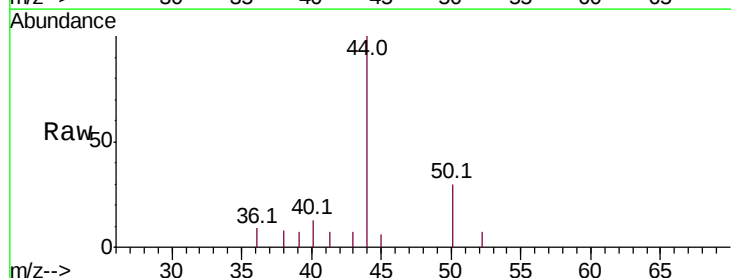
Acq: 24 Sep 2020 19:04

Tgt Ion: 50 Resp: 944

Ion Ratio Lower Upper

50 100

52 23.1 25.9 38.9#

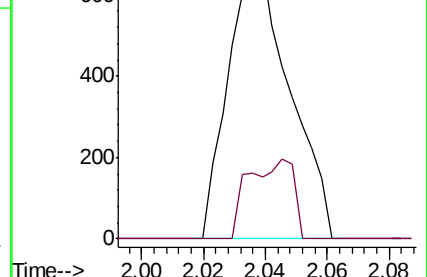
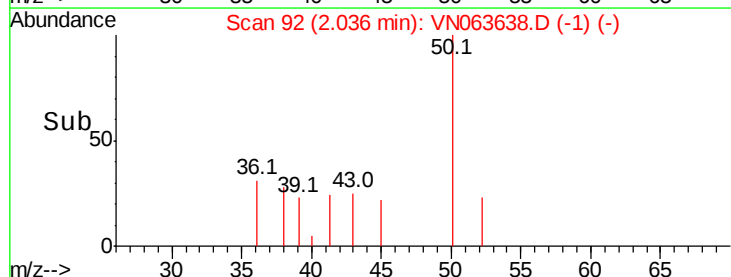


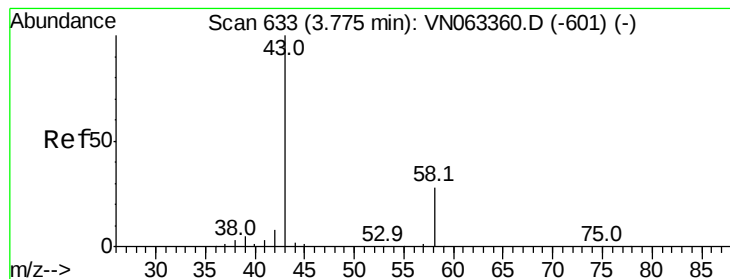
Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

Time-->





#16

Acetone

Concen: 2.482 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

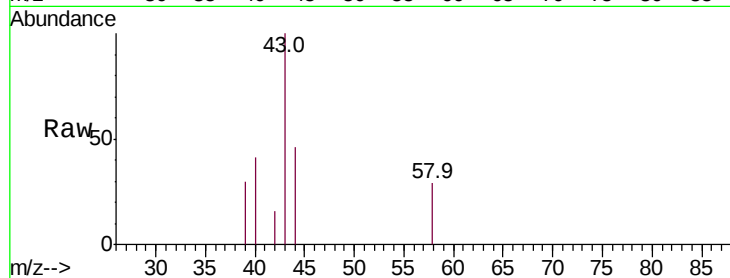
RE123D3-20200922

Tot Ion: 43 Resp: 2700

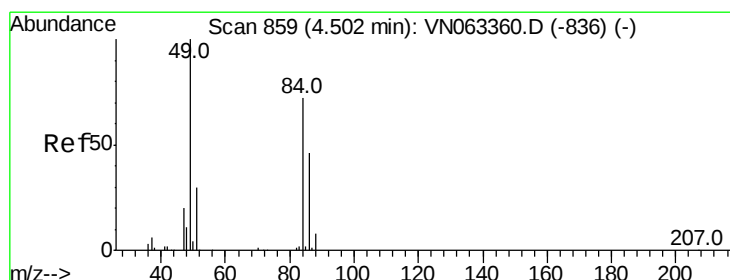
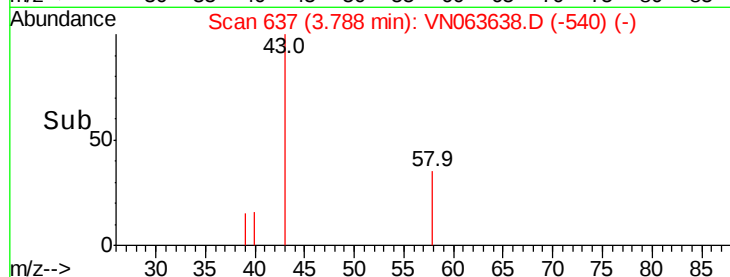
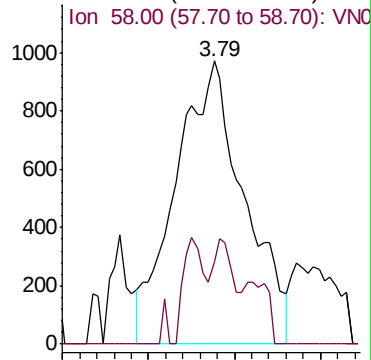
Ion Ratio Lower Upper

43 100

58 35.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)



#20

Methylene Chloride

Concen: 0.278 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Tgt Ion: 84 Resp: 767

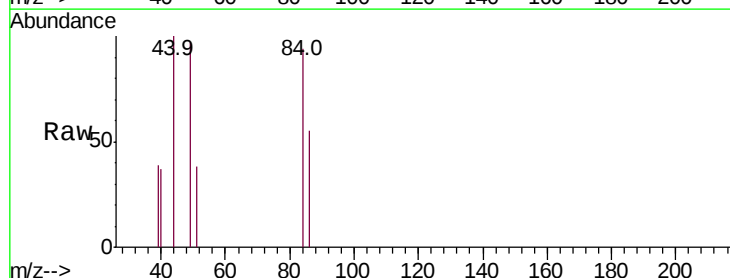
Ion Ratio Lower Upper

84 100

49 59.0 110.7 166.1#

51 40.3 32.9 49.3

86 58.4 51.1 76.7

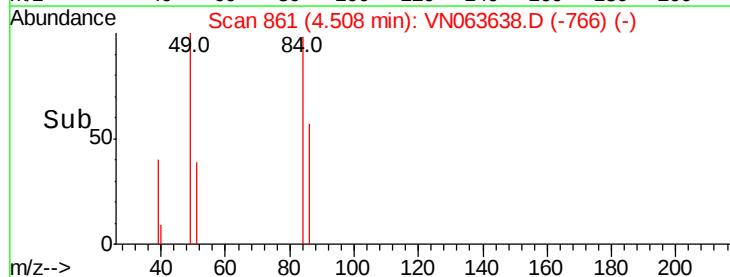
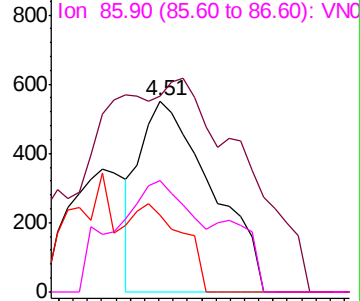


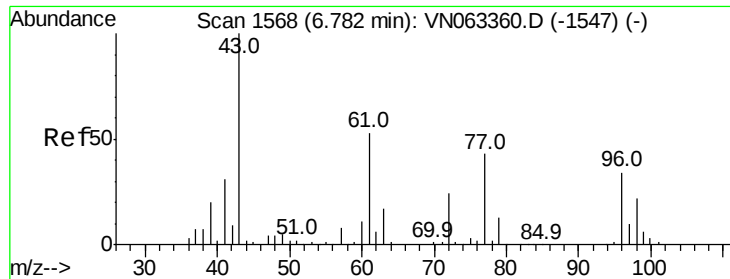
Abundance Ion 83.90 (83.60 to 84.60): VN063360.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN063360.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN063360.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN063360.D (-836) (-)

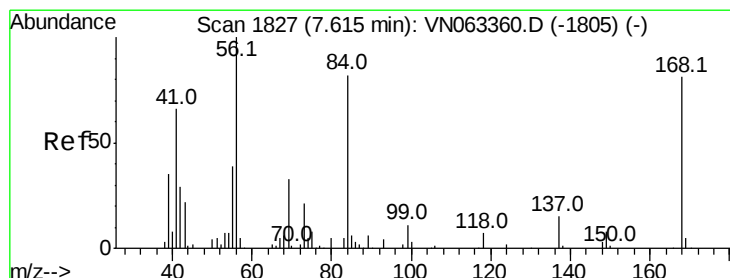
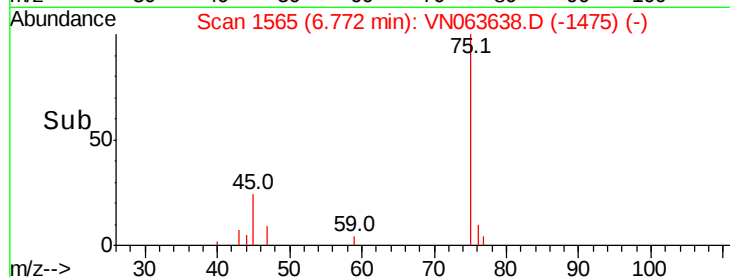
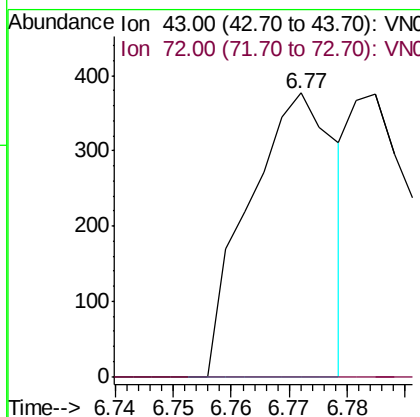
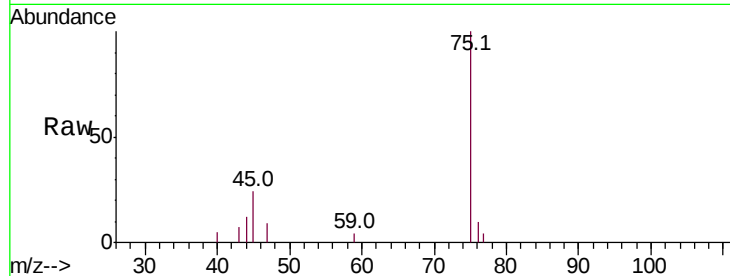




#25
2-Butanone
Concen: 0.233 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

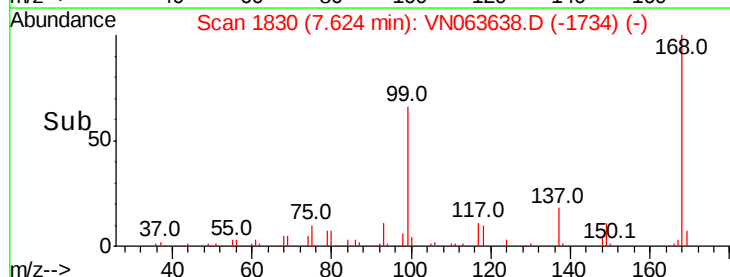
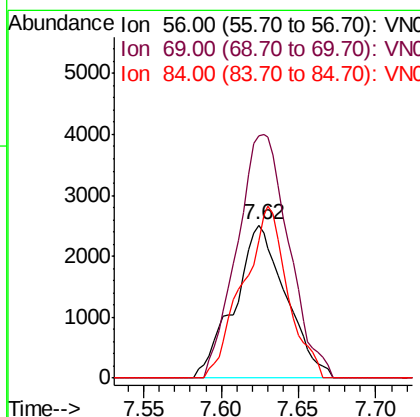
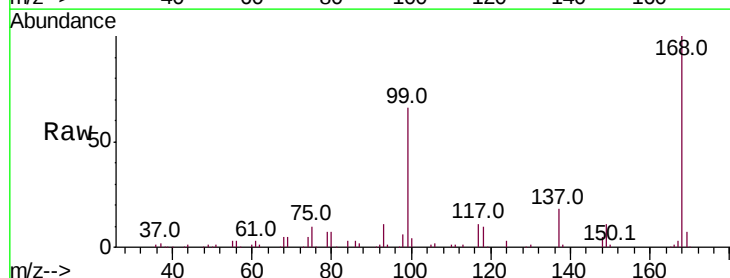
Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20200922

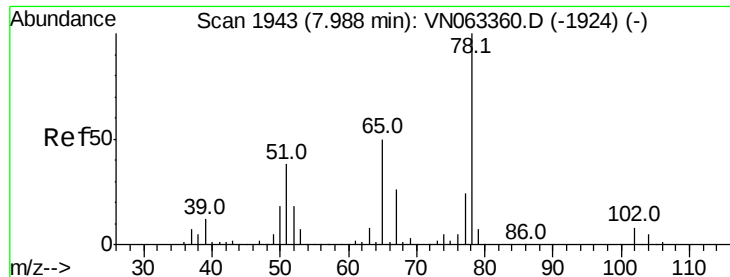
Tot Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

Tgt Ion: 56 Resp: 5812
Ion Ratio Lower Upper
56 100
69 158.9 26.1 39.1#
84 89.9 65.4 98.2





#33

1,2-Dichloroethane-d4

Concen: 51.314 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

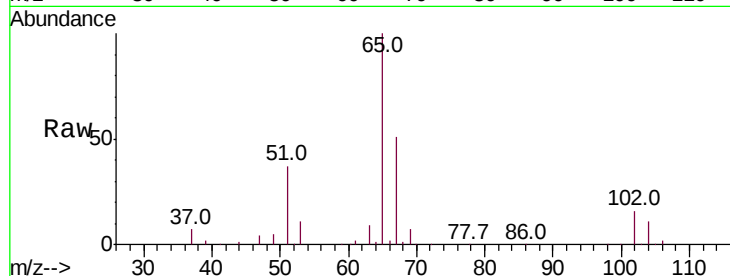
RE123D3-20200922

Tot Ion: 65 Resp: 173683

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063638.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063638.D (-1924) (-)

7.99

80000

60000

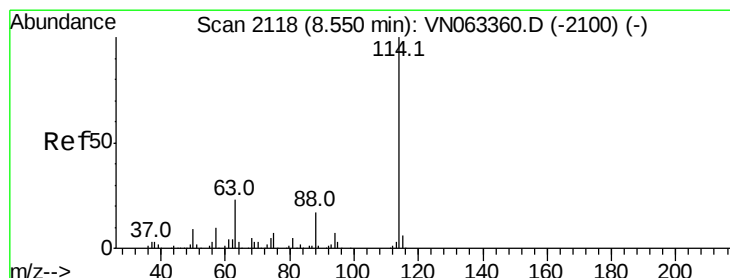
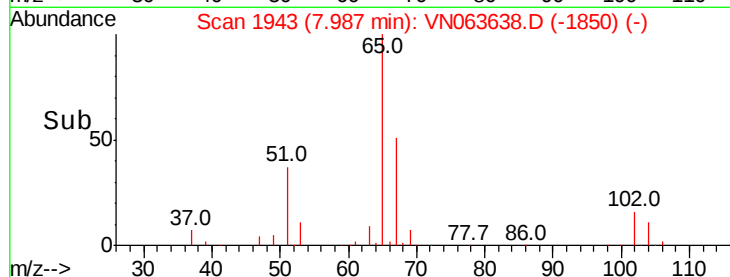
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

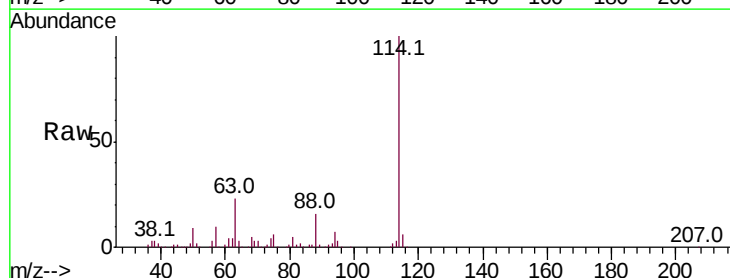
Tgt Ion: 114 Resp: 370533

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 15.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063638.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063638.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063638.D (-2100) (-)

8.55

200000

150000

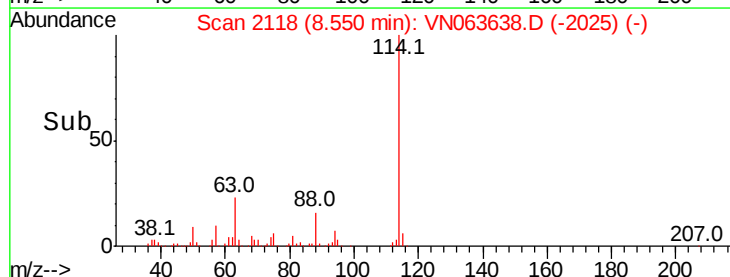
100000

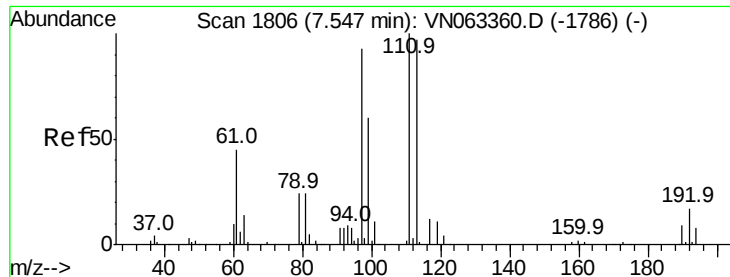
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

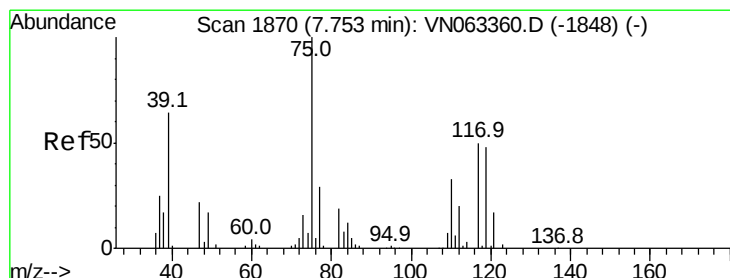
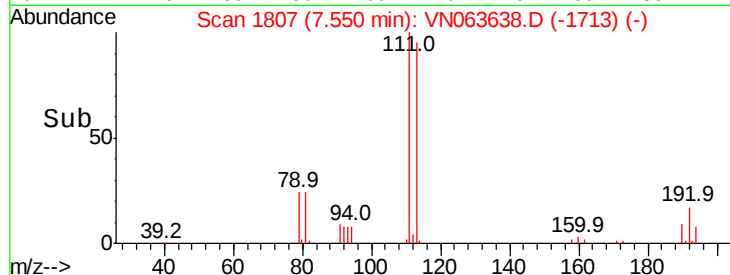
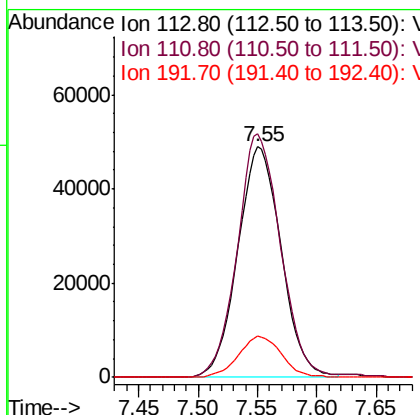
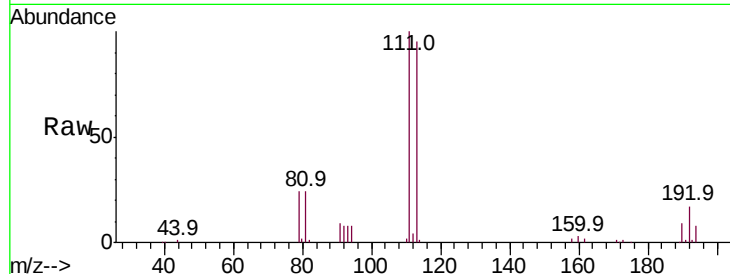




#35
 Dibromofluoromethane
 Concen: 48.179 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063638.D
 Acq: 24 Sep 2020 19:04

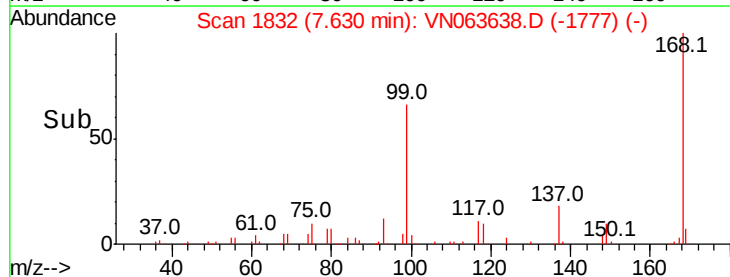
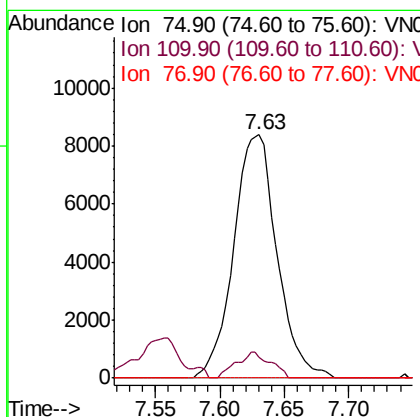
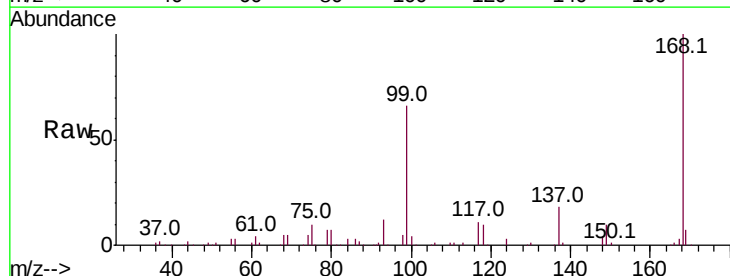
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 RE123D3-20200922

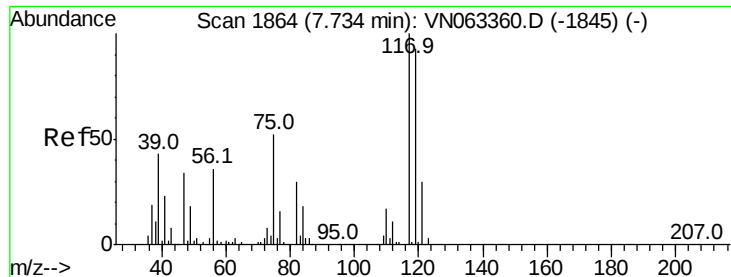
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.9	124.3
192	17.6	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.964 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063638.D
 Acq: 24 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.5	49.5#
77	0.0	24.6	36.8#

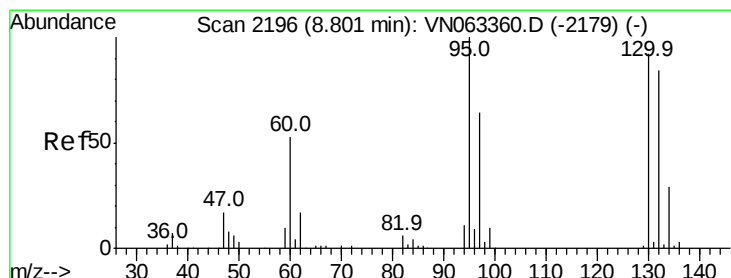
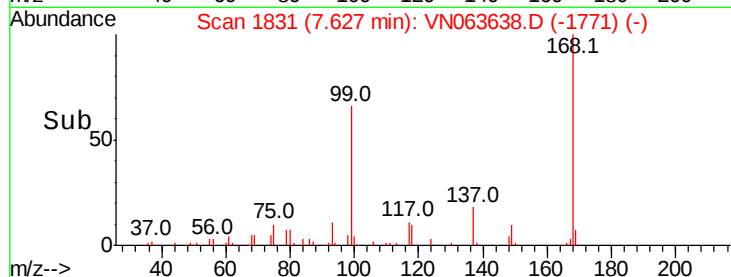
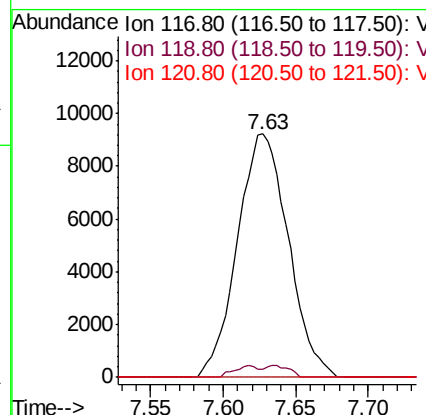
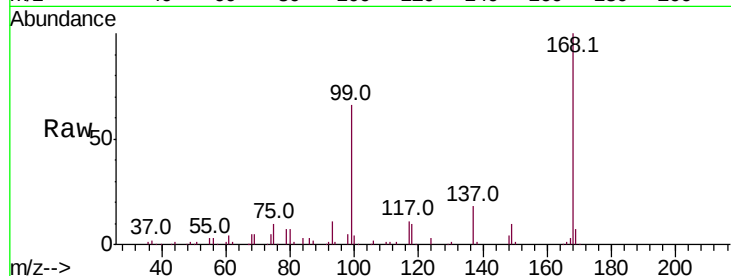




#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

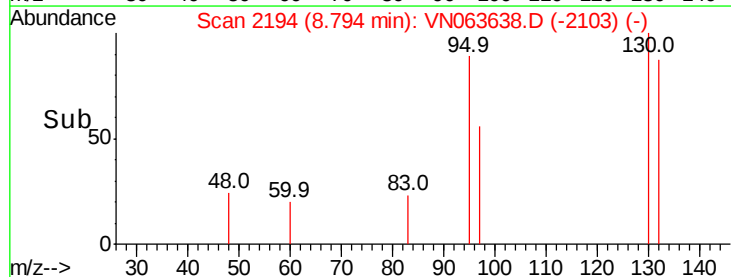
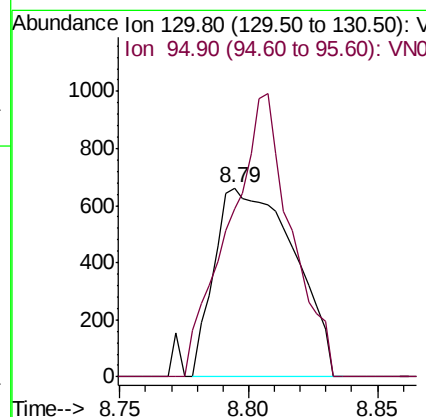
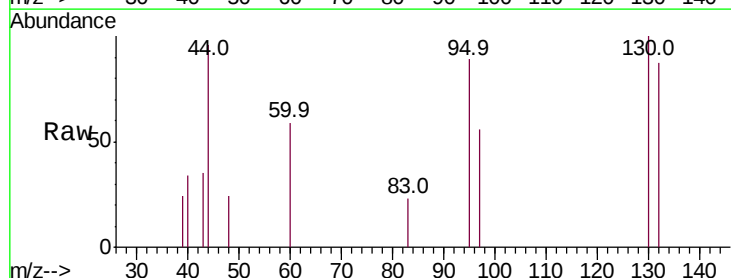
Instrument :
MSVOA_N
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RE123D3-20200922

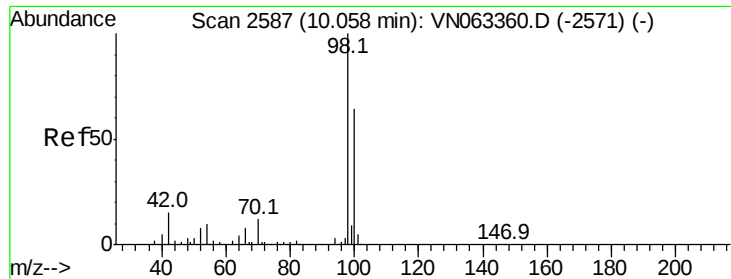
Tot Ion:117 Resp: 22528
Ion Ratio Lower Upper
117 100
119 3.2 74.5 111.7#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.521 ug/l
RT: 8.79 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

Tgt Ion:130 Resp: 1424
Ion Ratio Lower Upper
130 100
95 88.8 0.0 217.4





#50

Toluene-d8

Concen: 49.751 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

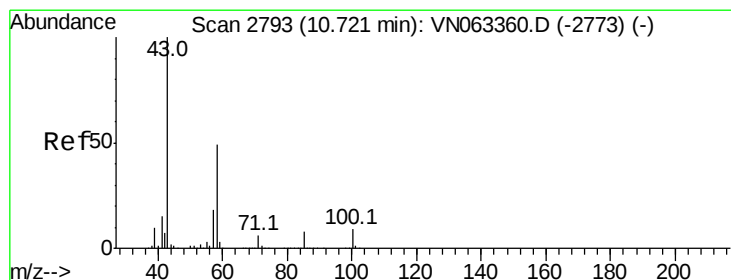
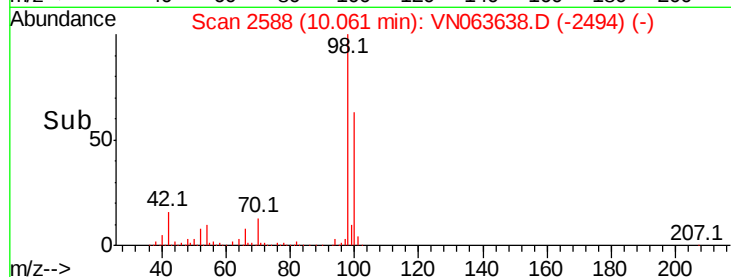
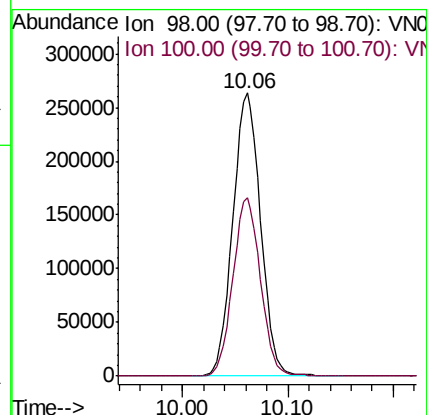
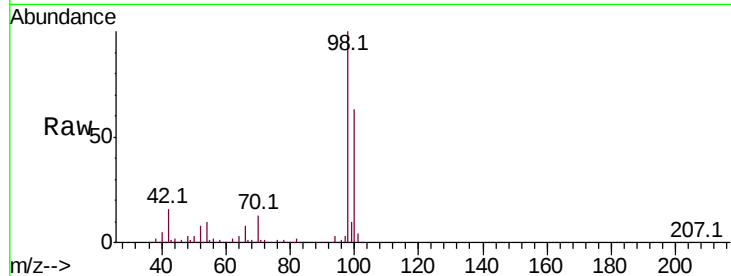
RE123D3-20200922

Tot Ion: 98 Resp: 479869

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



#59

2-Hexanone

Concen: 0.211 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN063638.D

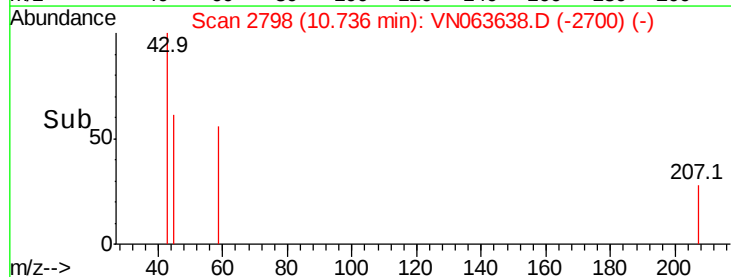
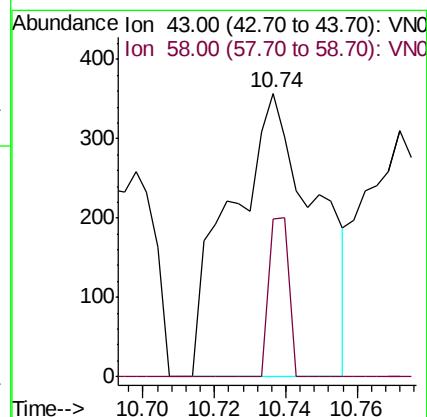
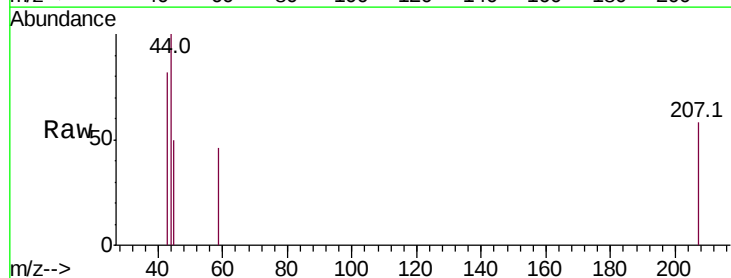
Acq: 24 Sep 2020 19:04

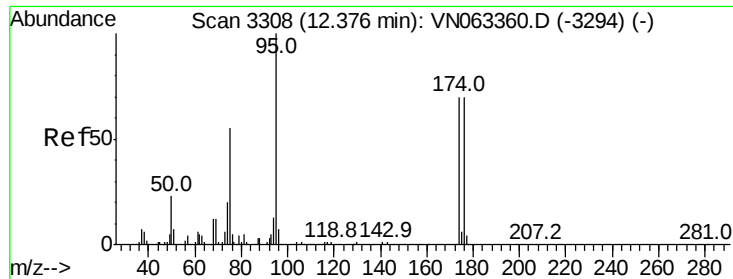
Tgt Ion: 43 Resp: 592

Ion Ratio Lower Upper

43 100

58 13.0 24.7 74.1#

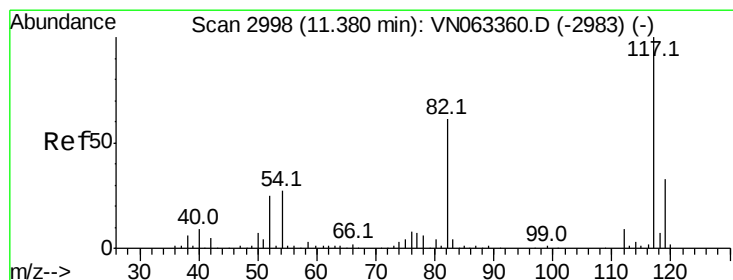
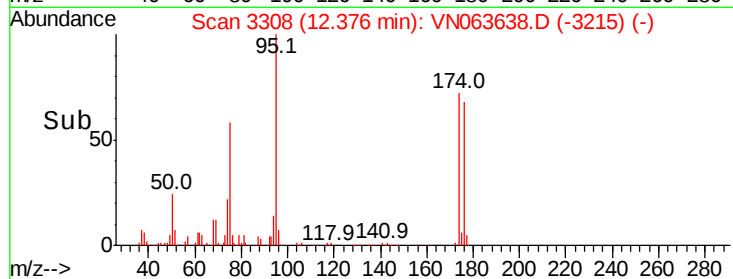
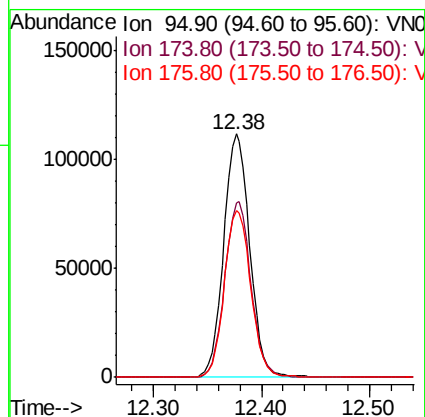
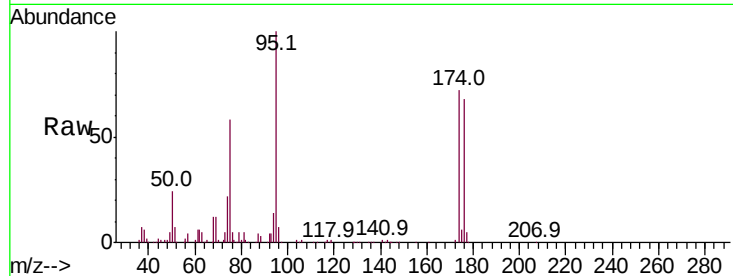




#62
4-Bromofluorobenzene
Concen: 53.000 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

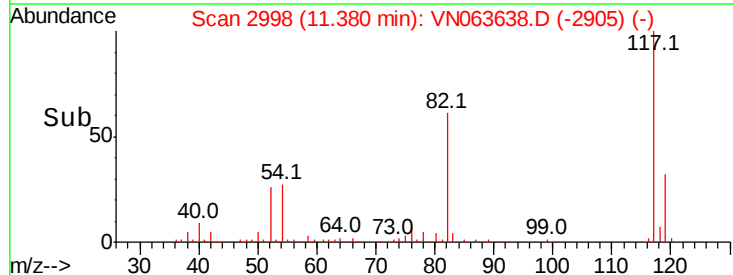
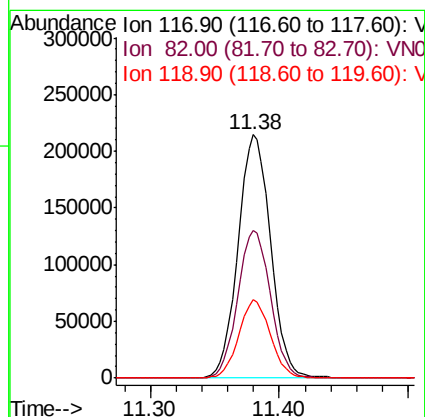
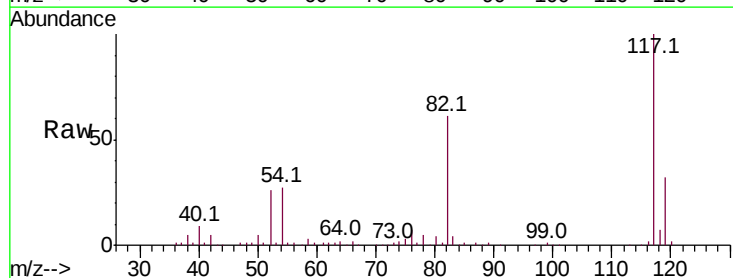
Instrument :
MSVOA_N
ClientSampleId :
RE123D3-20200922

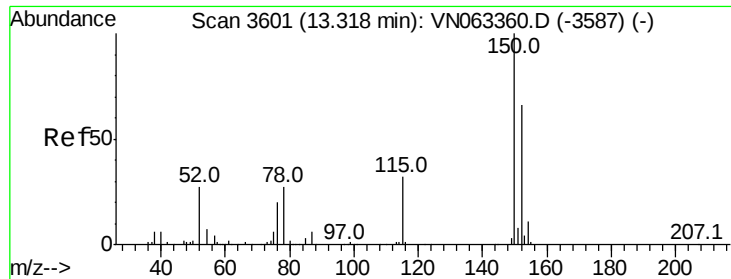
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	140.8
176	69.8	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063638.D
Acq: 24 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.8	49.2	73.8
119	32.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20200922

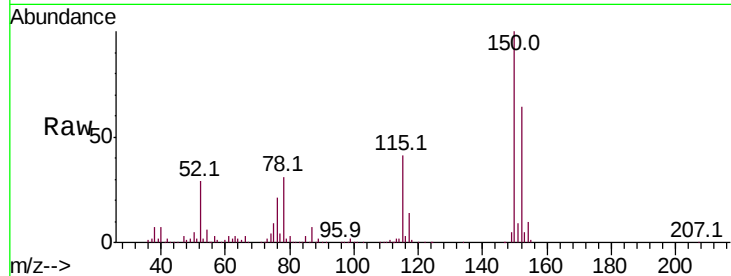
Tot Ion:152 Resp: 156850

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

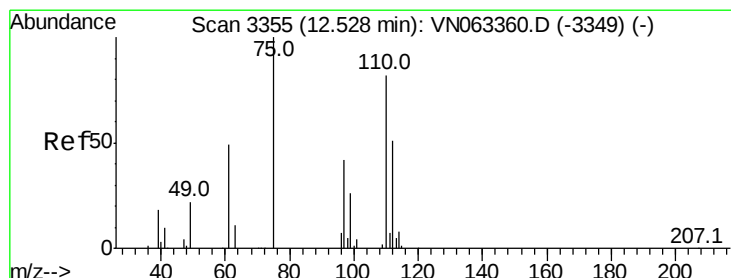
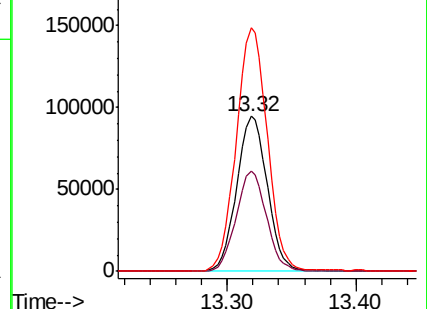
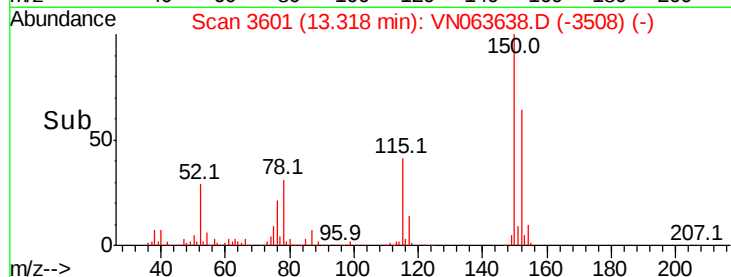
150 157.8 0.0 343.4



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: 27.815 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063638.D

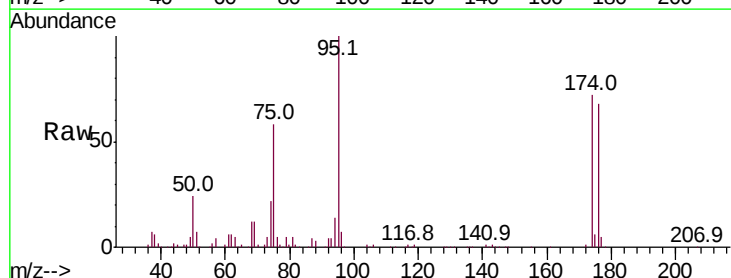
Acq: 24 Sep 2020 19:04

Tgt Ion: 75 Resp: 107986

Ion Ratio Lower Upper

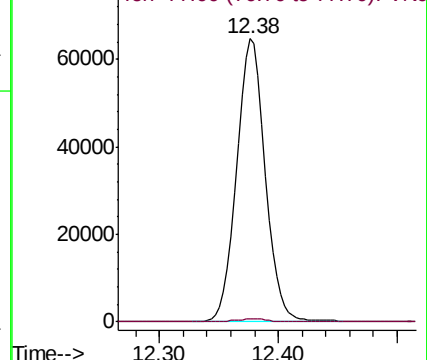
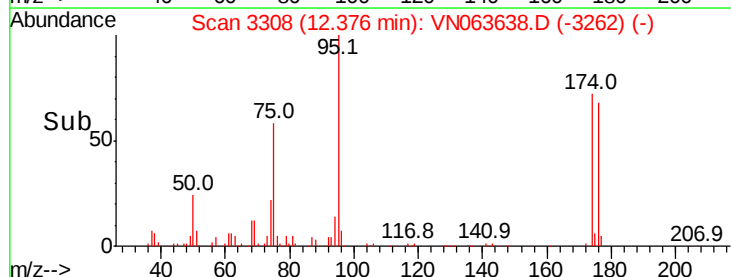
75 100

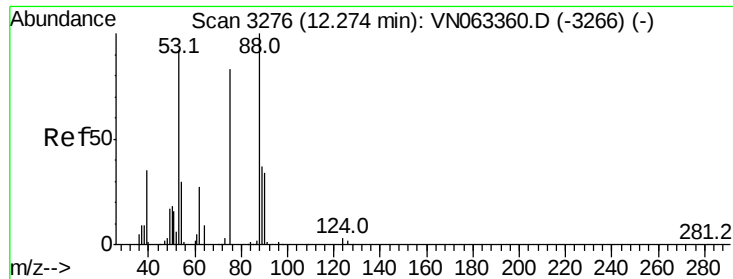
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 76.259 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063638.D

Acq: 24 Sep 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20200922

Tot Ion: 75 Resp: 107986

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

