

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063599.D
 Acq On : 23 Sep 2020 19:18
 Operator : JC/MD
 Sample : L4083-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200917

Quant Time: Sep 24 02:37:40 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	204663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	379893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160345	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	175507	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	125821	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	10.06	98	496639	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	193392	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	

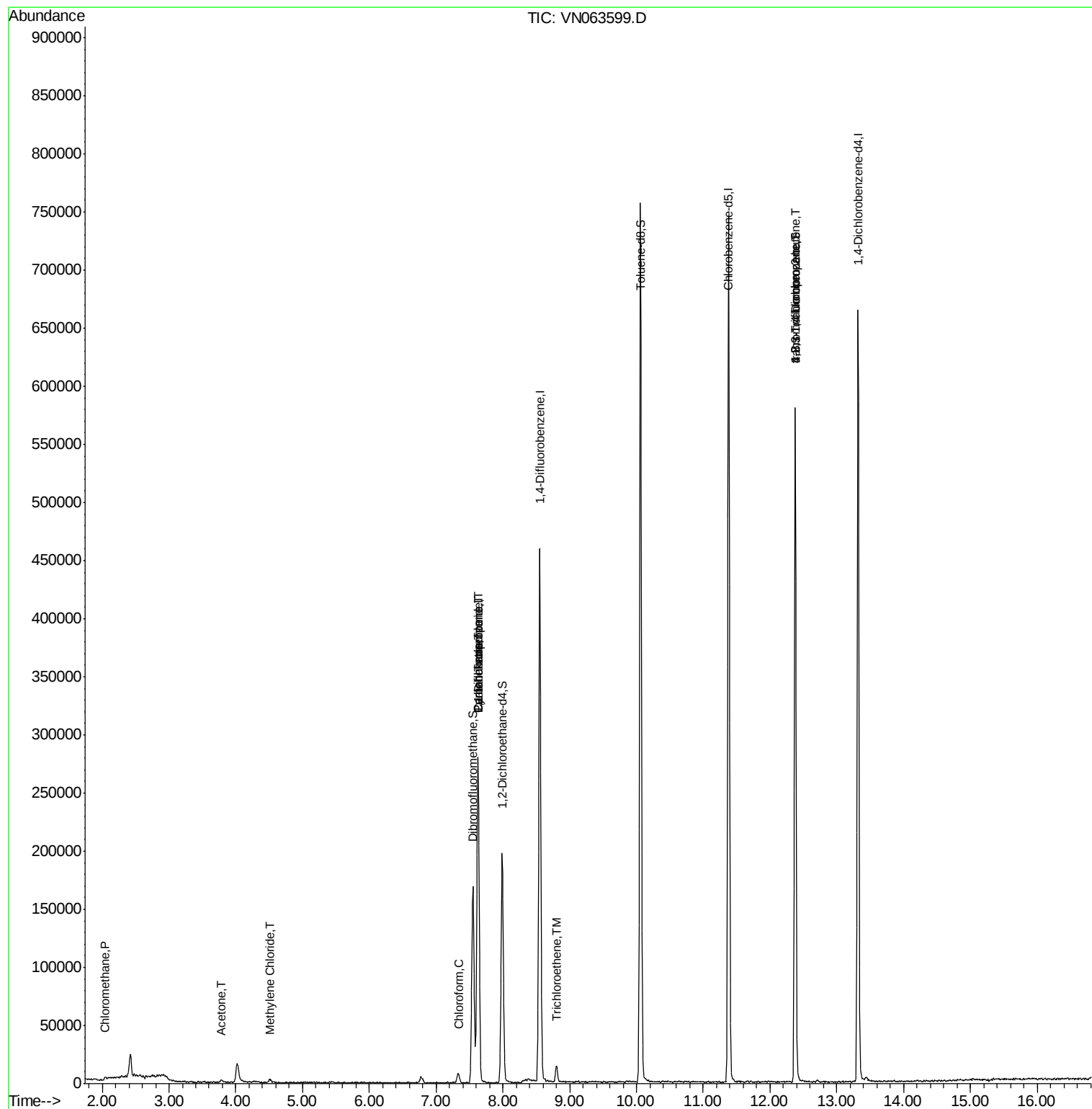
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1691	0.551	ug/l	96
16) Acetone	3.78	43	2704	2.415	ug/l	95
20) Methylene Chloride	4.51	84	1022	0.360	ug/l	90
30) Chloroform	7.33	83	8126	1.592	ug/l	97
31) Cyclohexane	7.62	56	6140	1.276	ug/l #	44
36) 1,1-Dichloropropene	7.62	75	19281	4.764	ug/l #	51
38) Carbon Tetrachloride	7.63	117	22974	5.561	ug/l #	18
44) Trichloroethene	8.80	130	2538	0.906	ug/l	97
76) 1,2,3-Trichloropropane	12.38	75	108198	27.262	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	108198	74.743	ug/l #	7

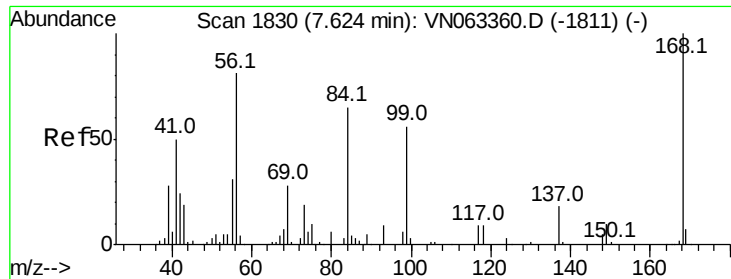
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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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: VN063599.D

Acq: 23 Sep 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

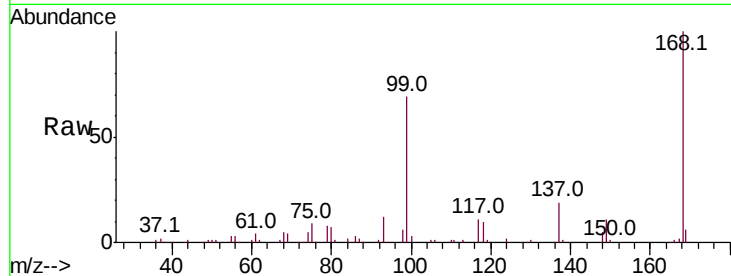
RE135D1-20200917

Tot Ion:168 Resp: 204663

Ion Ratio Lower Upper

168 100

99 69.4 53.0 79.6

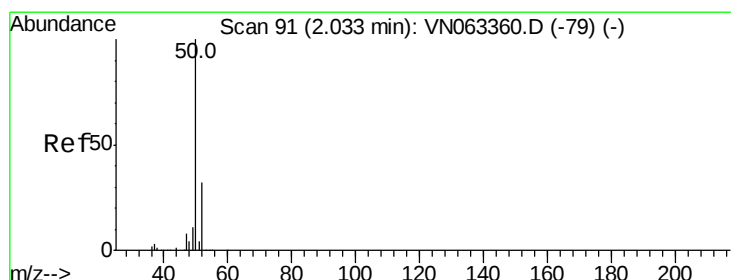
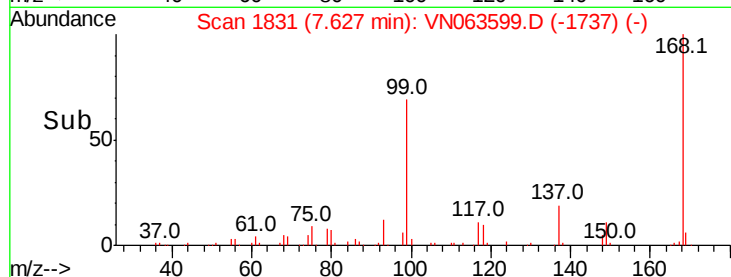


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

Time-->



#3

Chloromethane

Concen: 0.551 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063599.D

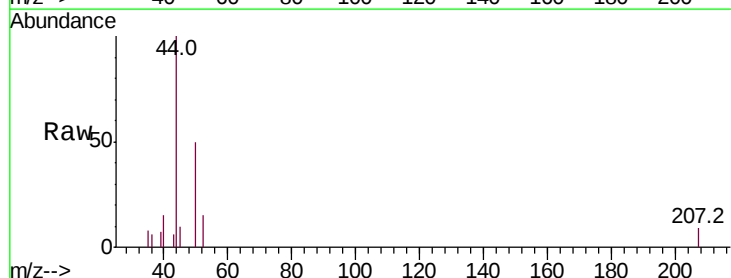
Acq: 23 Sep 2020 19:18

Tgt Ion: 50 Resp: 1691

Ion Ratio Lower Upper

50 100

52 30.2 25.9 38.9

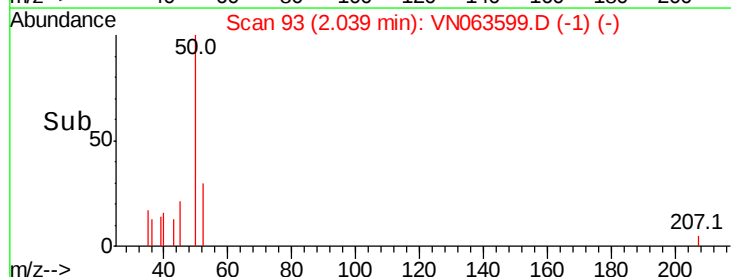


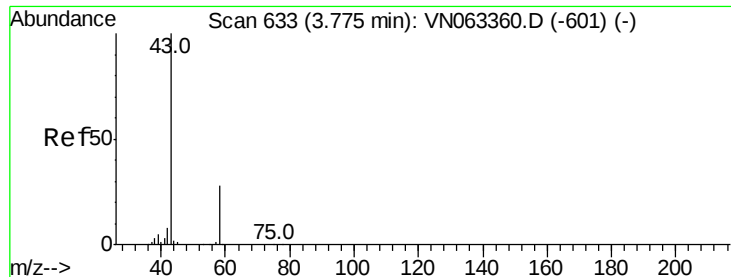
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

Time-->





#16

Acetone

Concen: 2.415 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

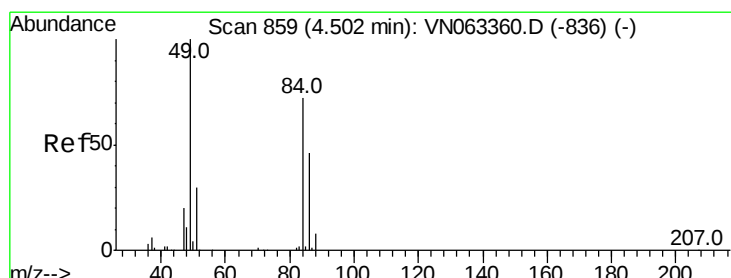
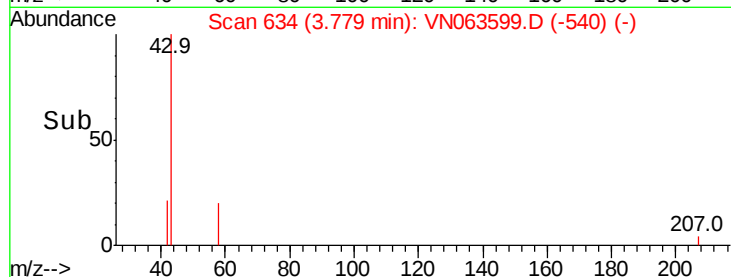
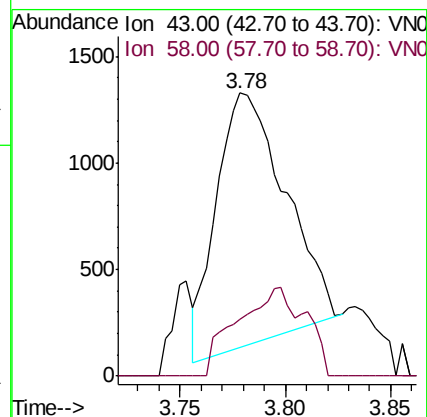
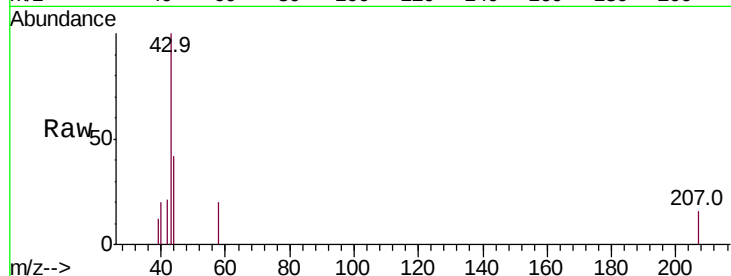
RE135D1-20200917

Tot Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 25.5 22.3 33.5



#20

Methylene Chloride

Concen: 0.360 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

Tgt Ion: 84 Resp: 1022

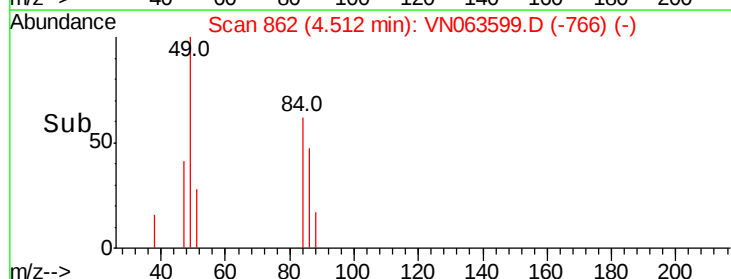
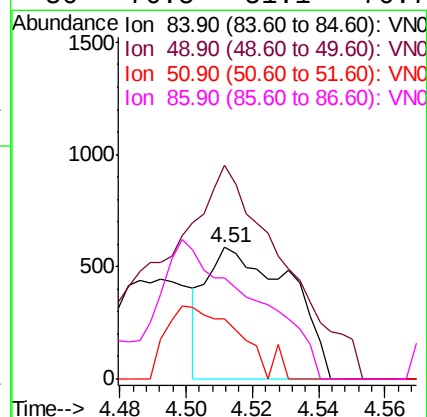
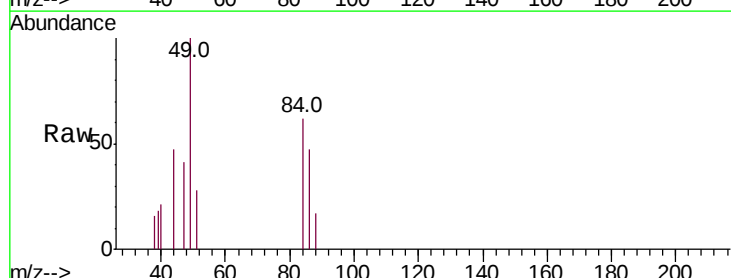
Ion Ratio Lower Upper

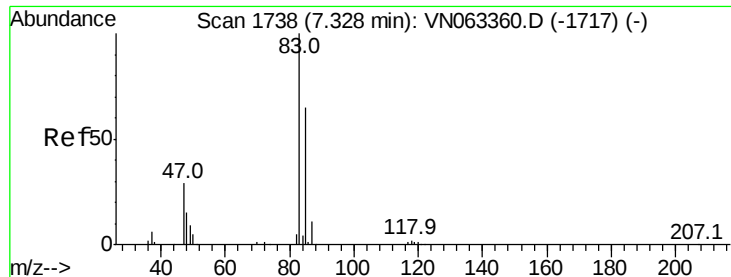
84 100

49 128.7 110.7 166.1

51 45.2 32.9 49.3

86 76.5 51.1 76.7

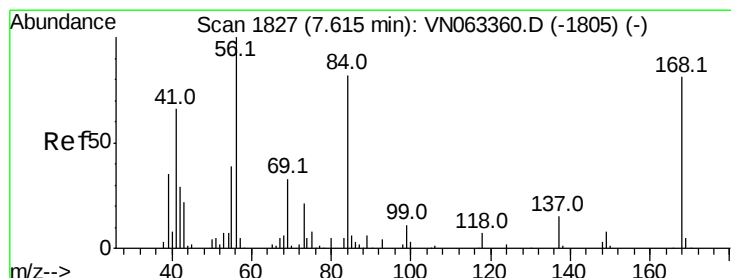
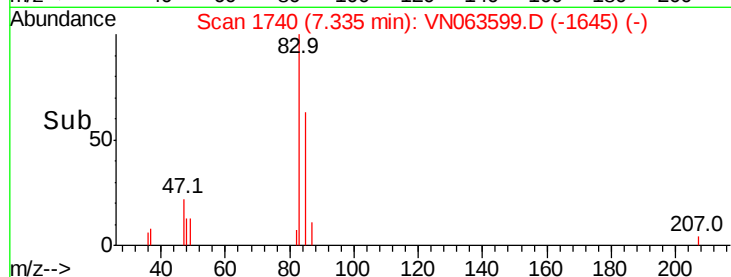
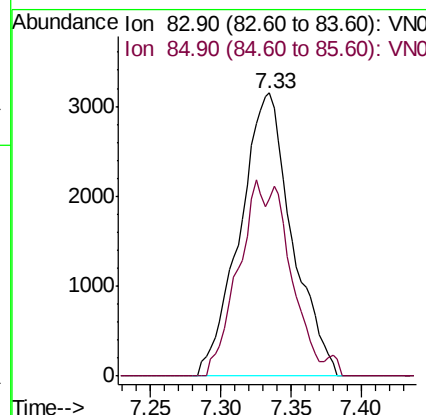
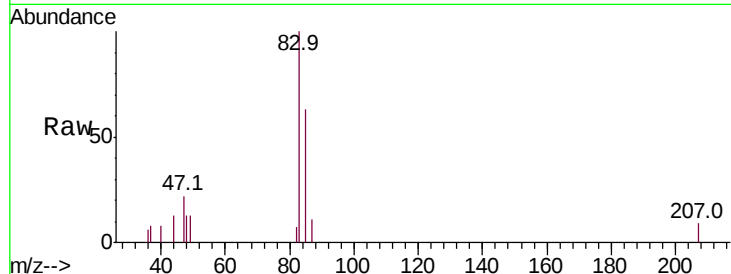




#30
Chloroform
Concen: 1.592 ug/l
RT: 7.33 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VN063599.D
Acq: 23 Sep 2020 19:18

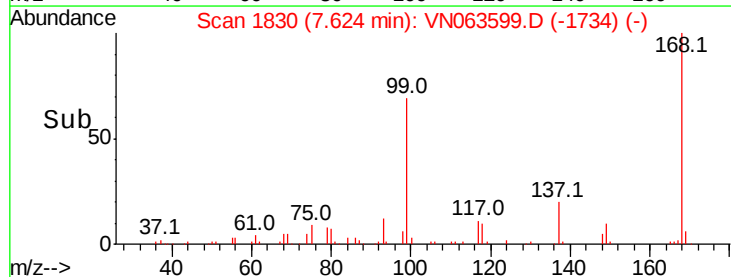
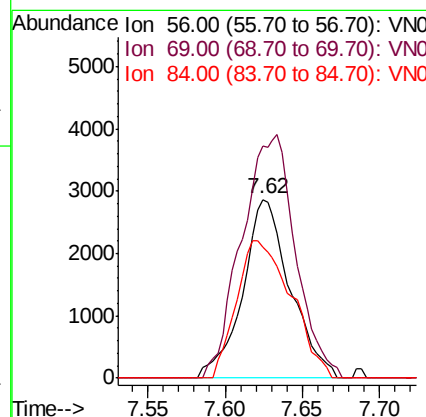
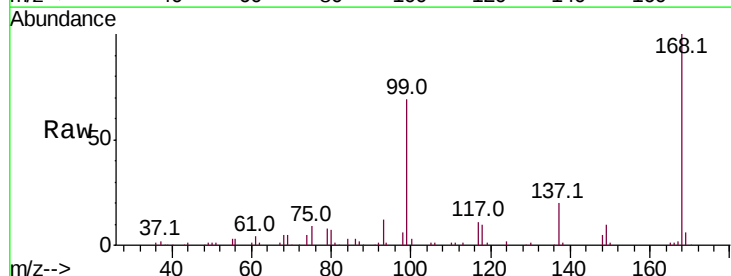
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20200917

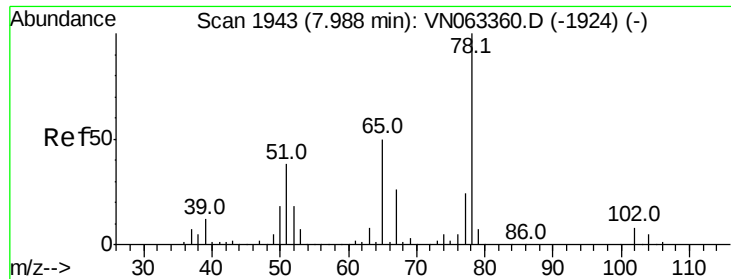
Tot Ion: 83 Resp: 8126
Ion Ratio Lower Upper
83 100
85 62.6 52.1 78.1



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063599.D
Acq: 23 Sep 2020 19:18

Tgt Ion: 56 Resp: 6140
Ion Ratio Lower Upper
56 100
69 130.2 26.1 39.1#
84 73.4 65.4 98.2

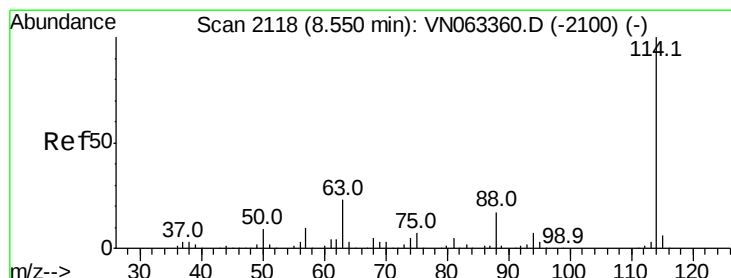
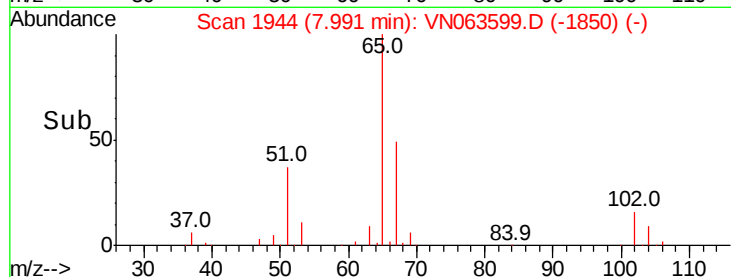
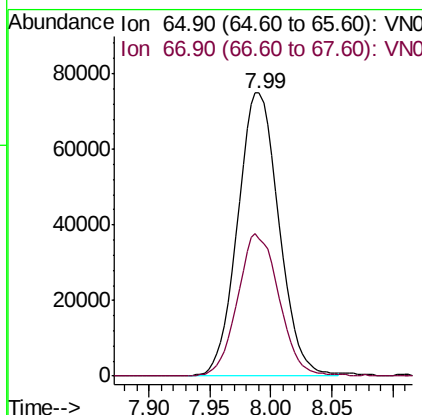
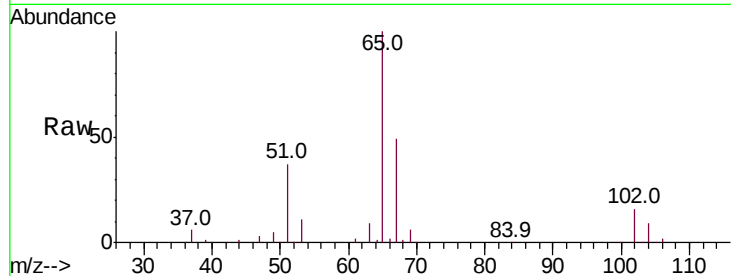




#33
 1,2-Dichloroethane-d4
 Concen: 50.377 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063599.D
 Acq: 23 Sep 2020 19:18

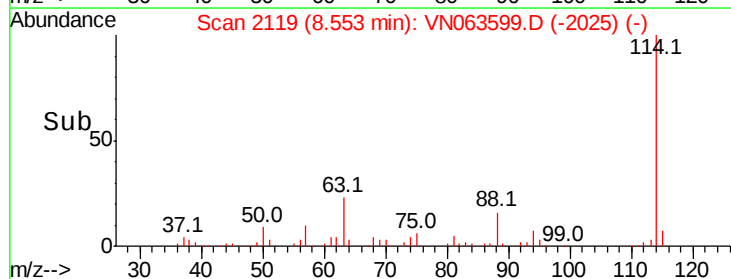
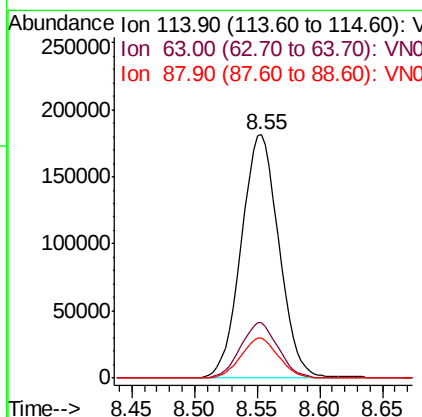
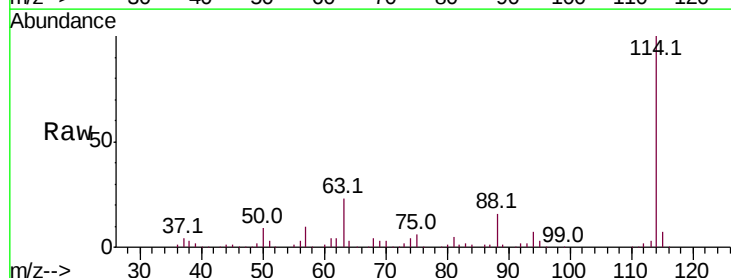
Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200917

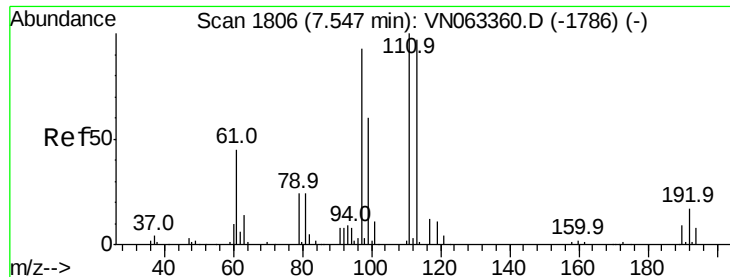
Tot Ion: 65 Resp: 175507
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063599.D
 Acq: 23 Sep 2020 19:18

Tgt Ion: 114 Resp: 379893
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.4
 88 16.5 0.0 33.2

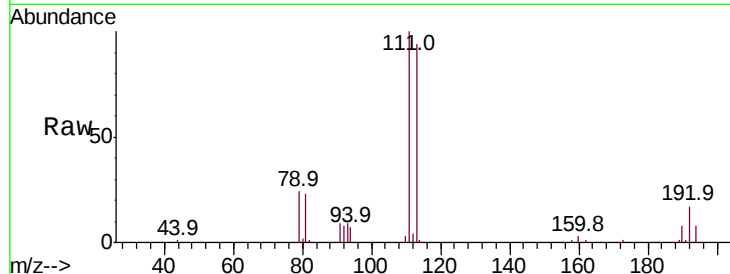




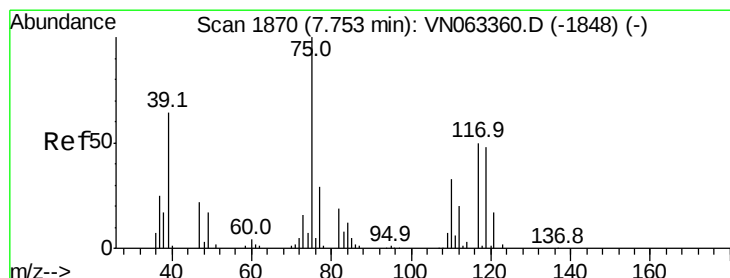
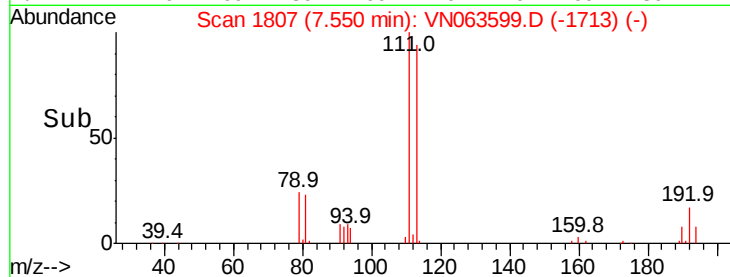
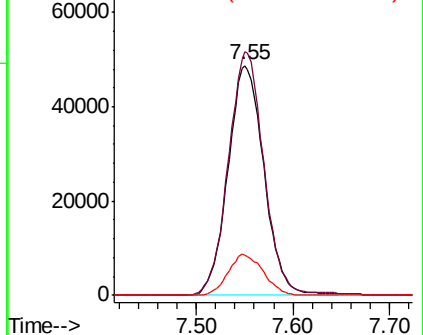
#35
 Dibromofluoromethane
 Concen: 47.842 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063599.D
 Acq: 23 Sep 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200917

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	17.5	13.9	20.9

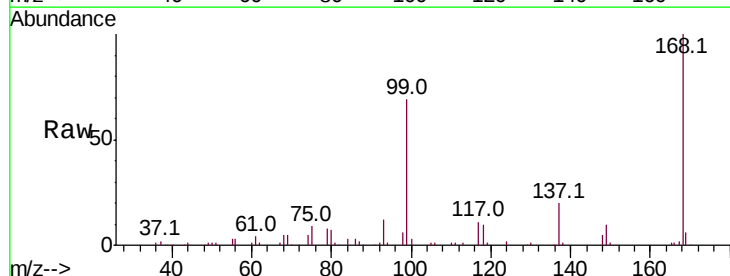


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

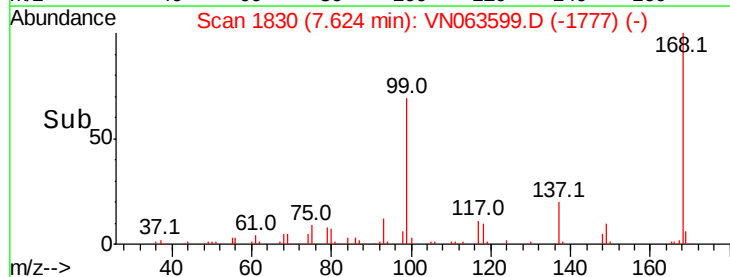
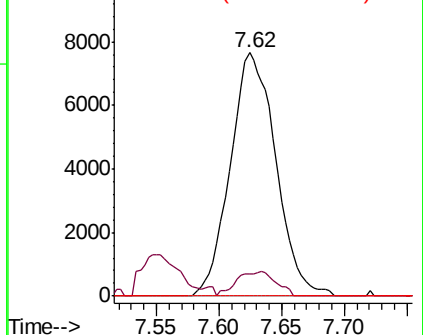


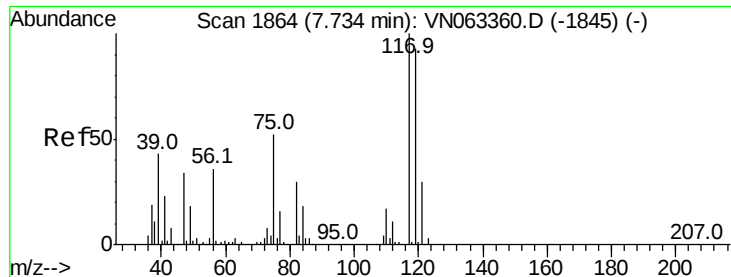
#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063599.D
 Acq: 23 Sep 2020 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	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

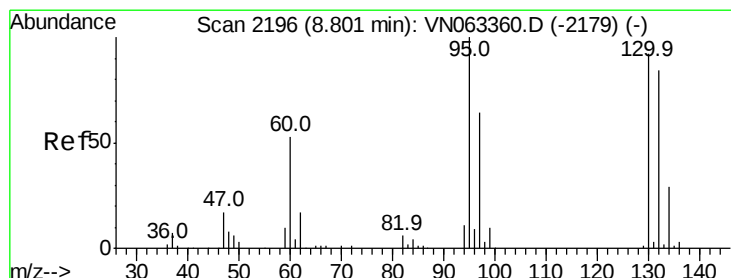
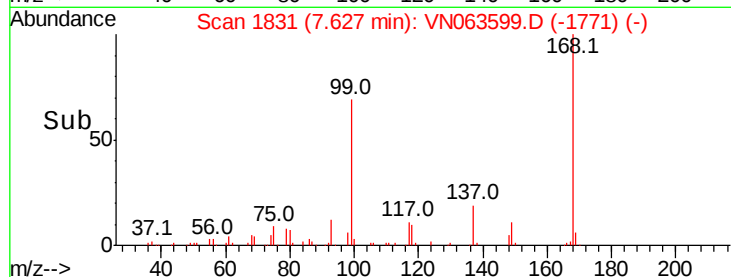
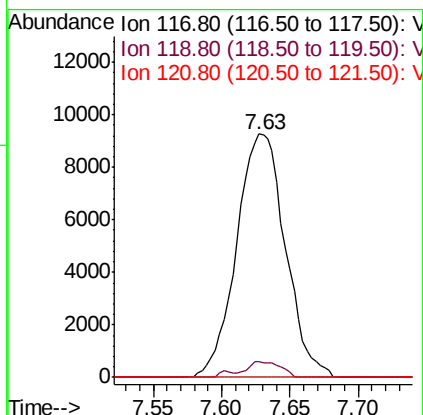
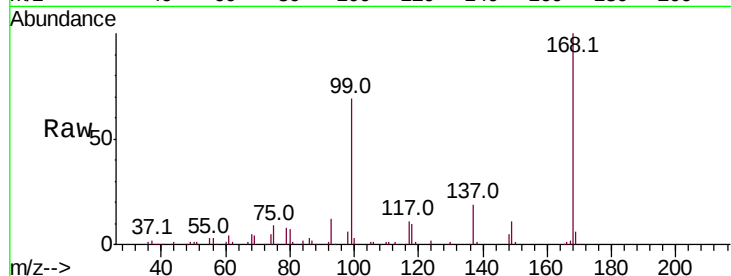




#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063599.D
Acq: 23 Sep 2020 19:18

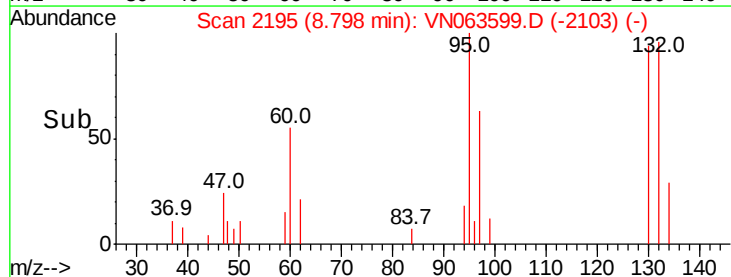
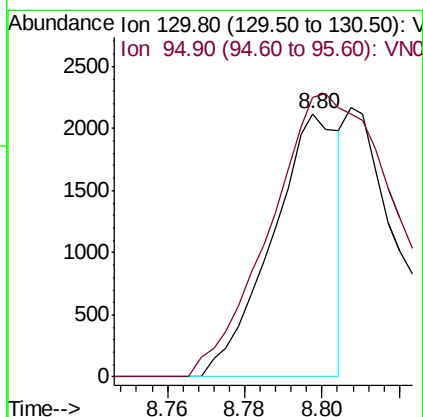
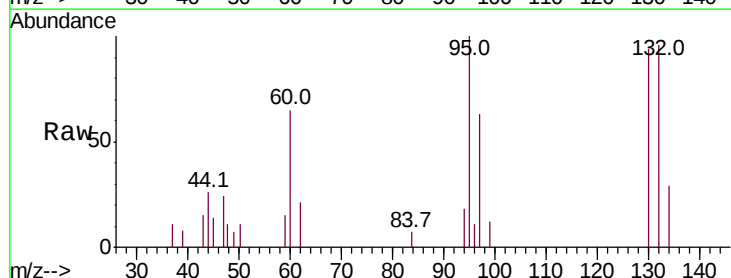
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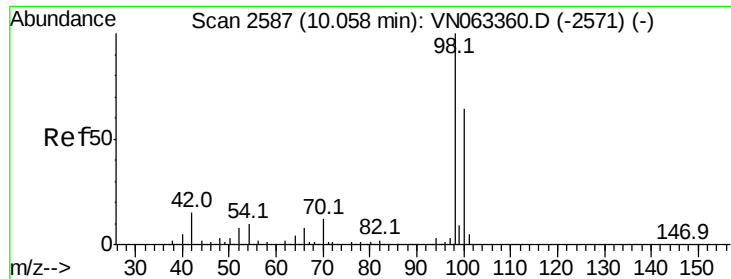
Tot Ion:117 Resp: 22974
Ion Ratio Lower Upper
117 100
119 6.5 74.5 111.7#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.906 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN063599.D
Acq: 23 Sep 2020 19:18

Tgt Ion:130 Resp: 2538
Ion Ratio Lower Upper
130 100
95 106.0 0.0 217.4





#50

Toluene-d8

Concen: 50.221 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

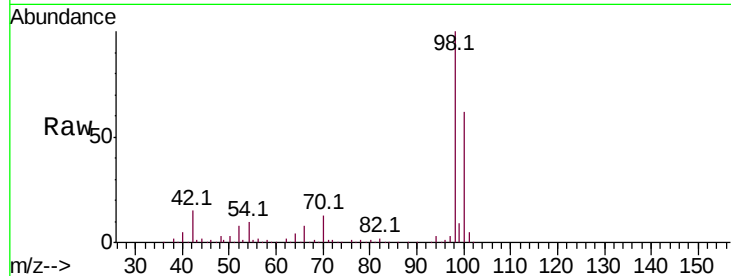
RE135D1-20200917

Tot Ion: 98 Resp: 496639

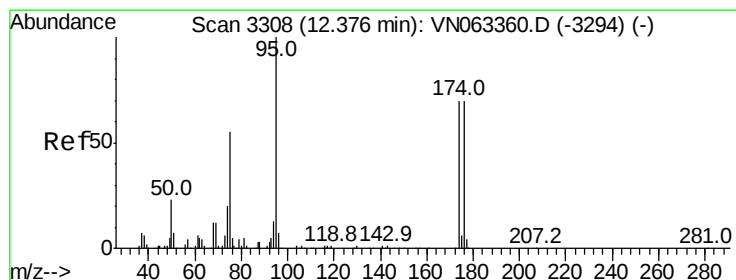
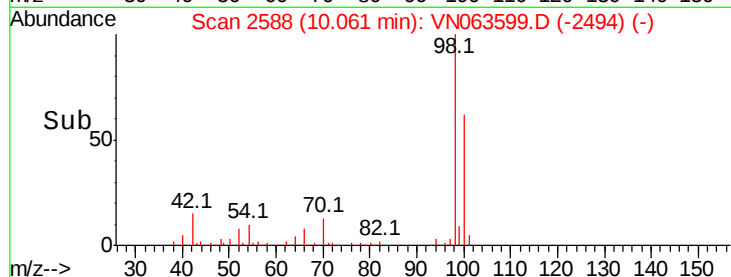
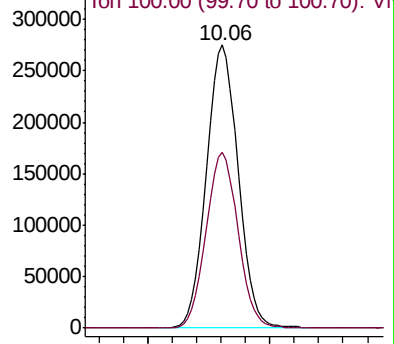
Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 53.348 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

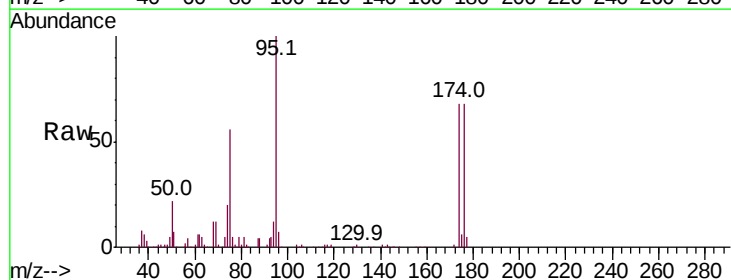
Tgt Ion: 95 Resp: 193392

Ion Ratio Lower Upper

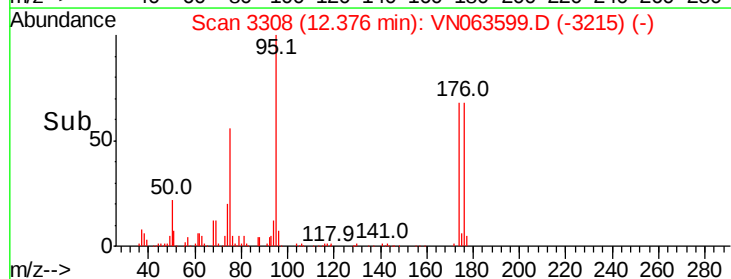
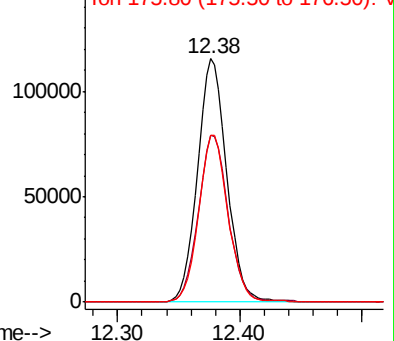
95 100

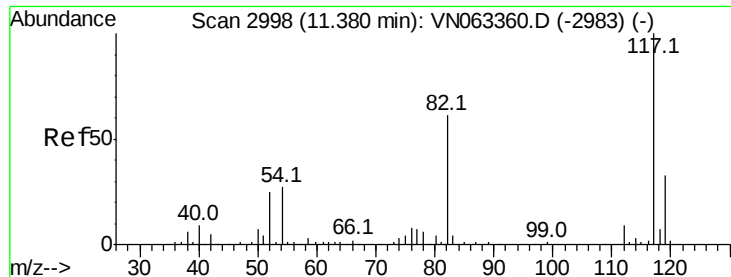
174 70.5 0.0 140.8

176 68.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

RE135D1-20200917

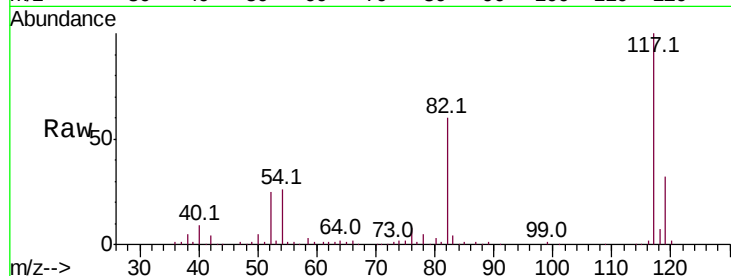
Tot Ion:117 Resp: 386449

Ion Ratio Lower Upper

117 100

82 60.2 49.2 73.8

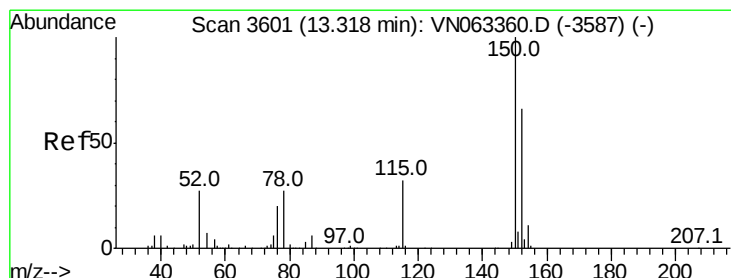
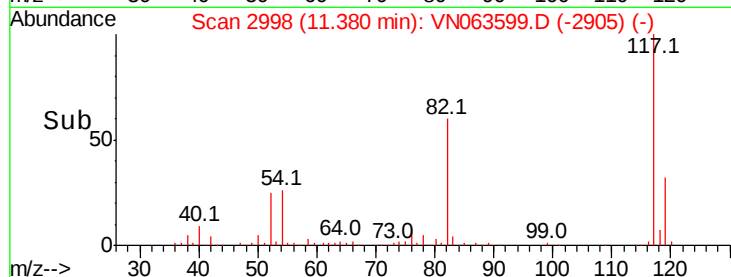
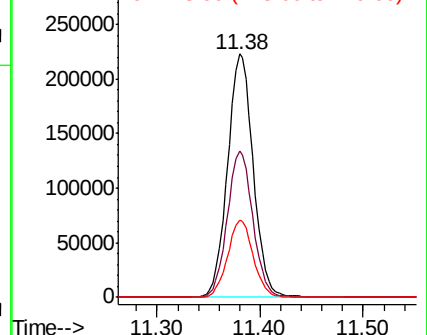
119 32.0 26.2 39.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

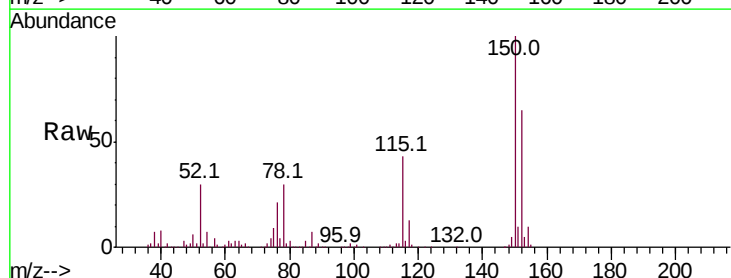
Tgt Ion:152 Resp: 160345

Ion Ratio Lower Upper

152 100

115 64.8 32.2 96.6

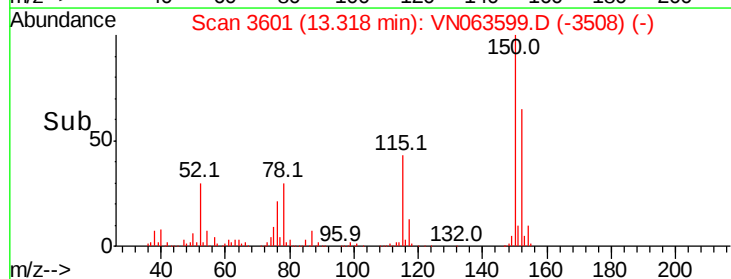
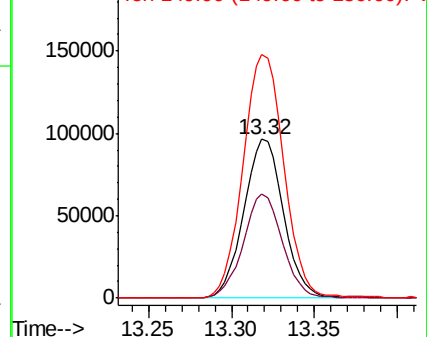
150 158.6 0.0 343.4

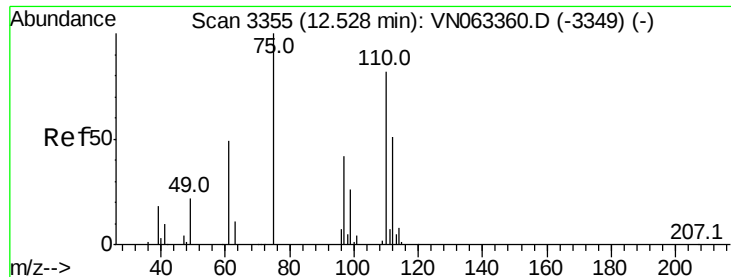


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.262 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

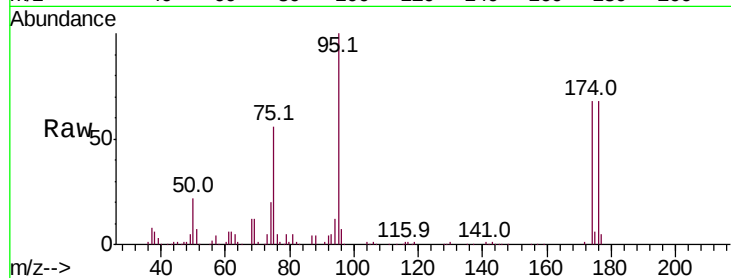
RE135D1-20200917

Tot Ion: 75 Resp: 108198

Ion Ratio Lower Upper

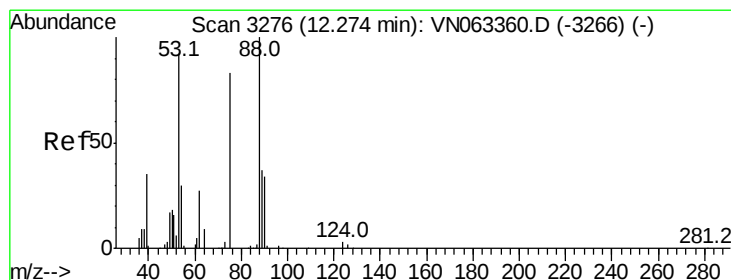
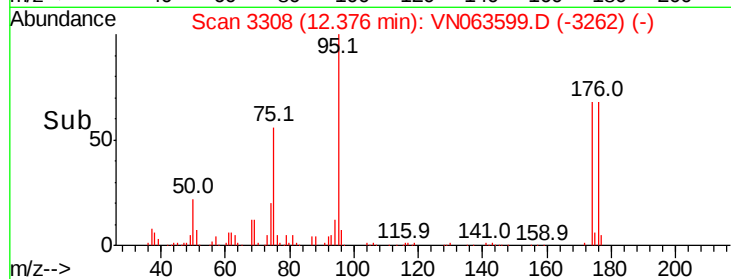
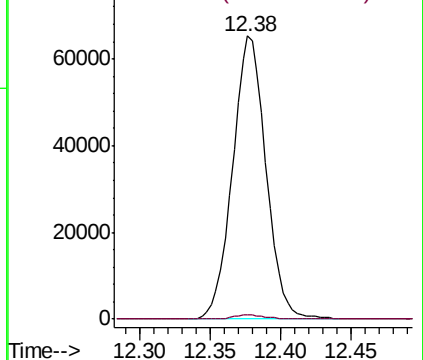
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 74.743 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063599.D

Acq: 23 Sep 2020 19:18

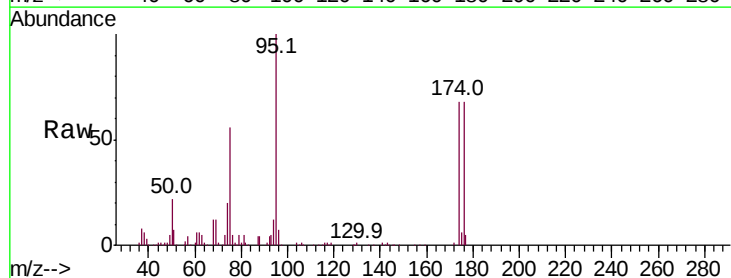
Tgt Ion: 75 Resp: 108198

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

