

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063636.D
 Acq On : 24 Sep 2020 18:16
 Operator : JC/MD
 Sample : L4119-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20200922

Quant Time: Sep 25 03:50:07 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	201482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	373255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161655	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	170928	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	7.55	113	125706	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	10.06	98	485534	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	189583	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	

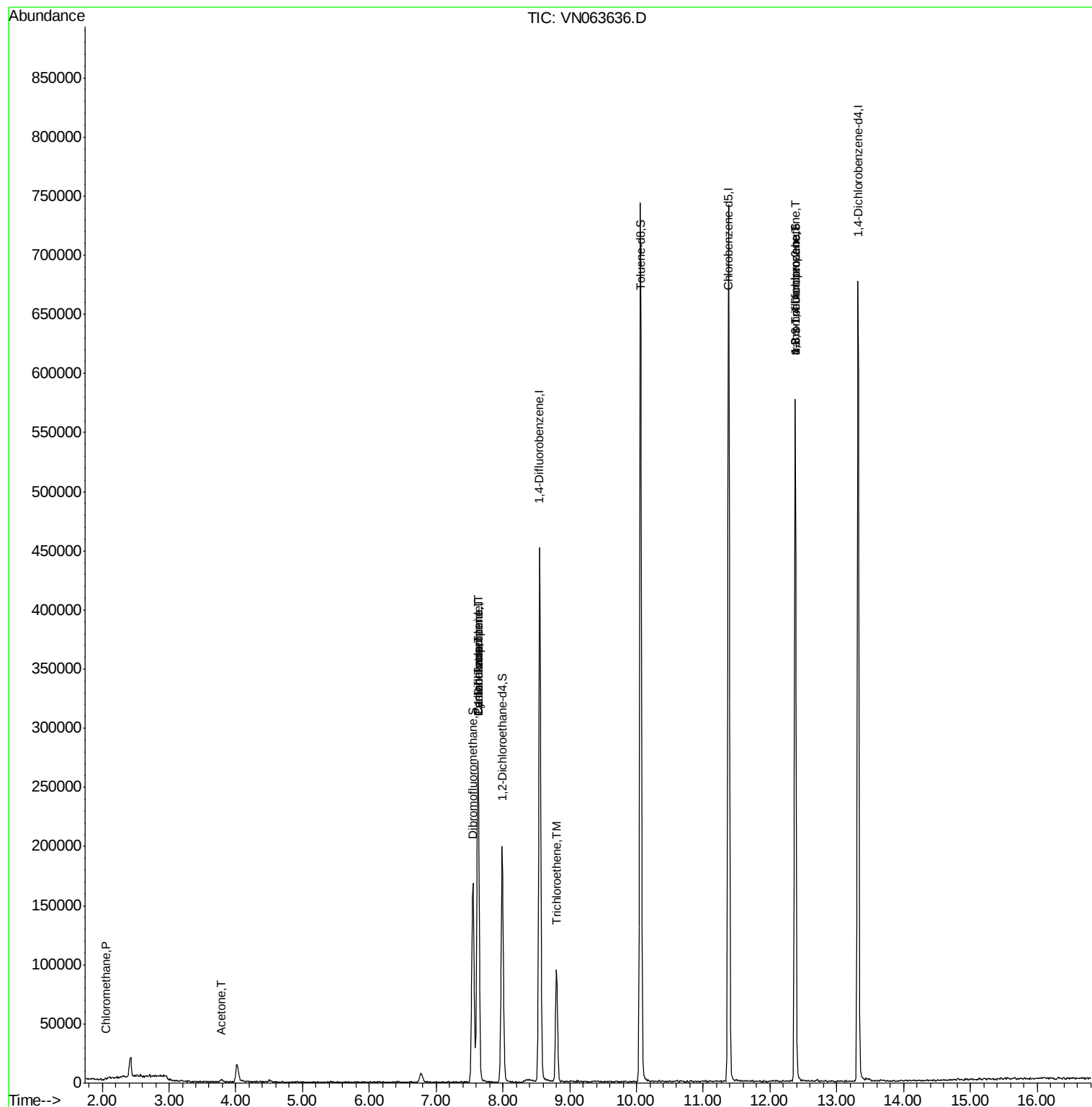
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1081	0.358	ug/l #	82
16) Acetone	3.79	43	2742	2.488	ug/l #	78
31) Cyclohexane	7.62	56	6057	1.279	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	18407	4.629	ug/l #	48
38) Carbon Tetrachloride	7.63	117	22730	5.600	ug/l #	17
44) Trichloroethene	8.80	130	31777	11.542	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	109980	27.487	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	109980	75.359	ug/l #	7

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

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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: VN063636.D

Acq: 24 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

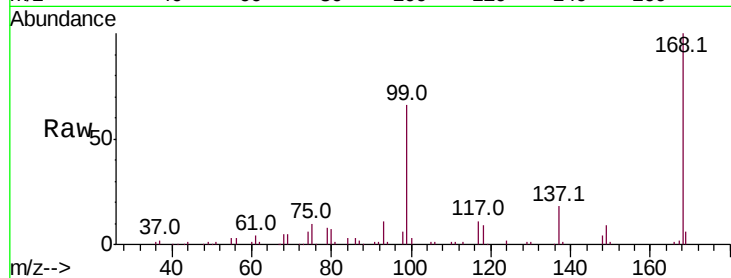
RE123D1-20200922

Tot Ion:168 Resp: 201482

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

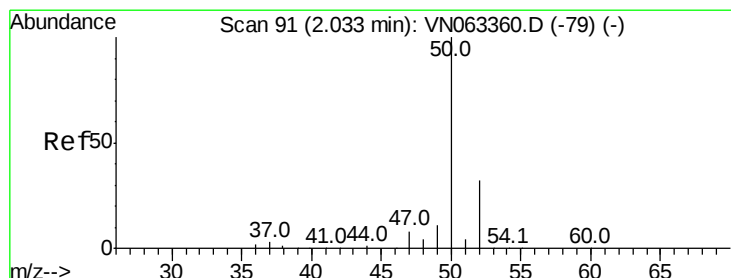
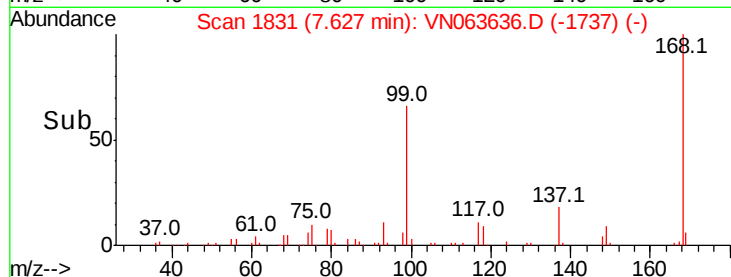
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.358 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063636.D

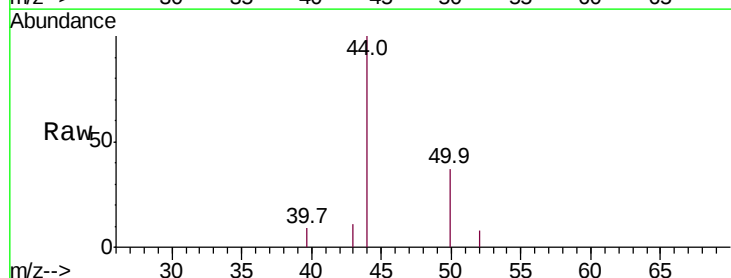
Acq: 24 Sep 2020 18:16

Tgt Ion: 50 Resp: 1081

Ion Ratio Lower Upper

50 100

52 22.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

800

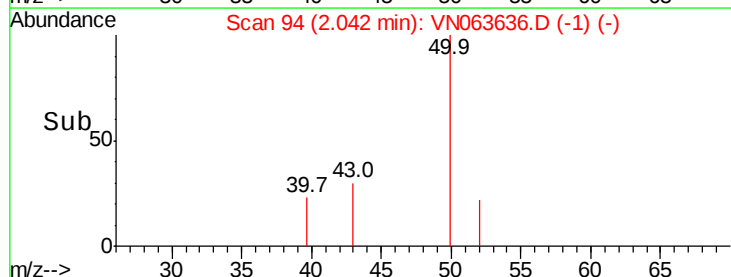
600

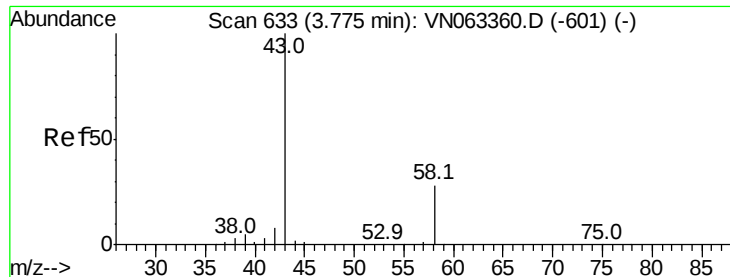
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: 2.488 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

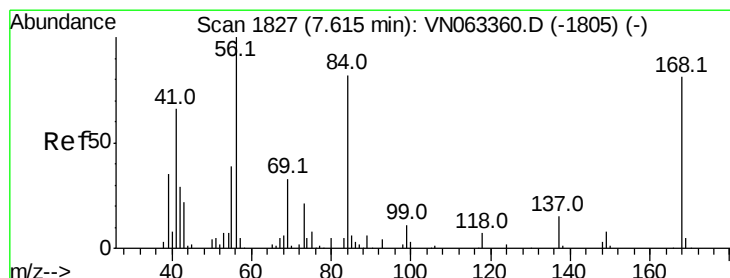
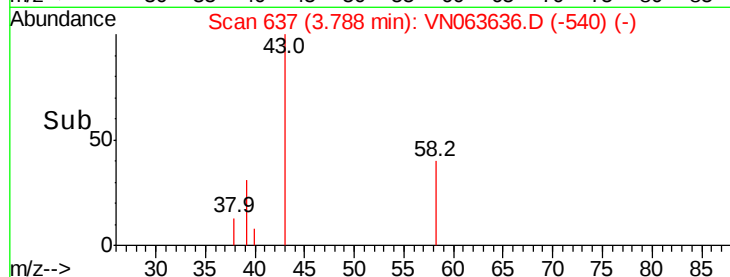
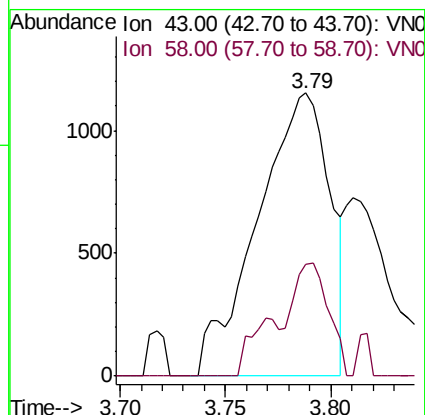
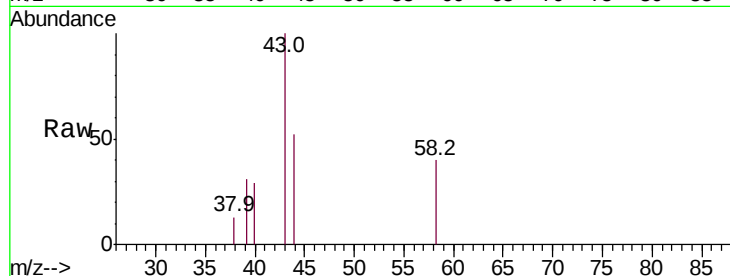
RE123D1-20200922

Tot Ion: 43 Resp: 2742

Ion Ratio Lower Upper

43 100

58 39.6 22.3 33.5#



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

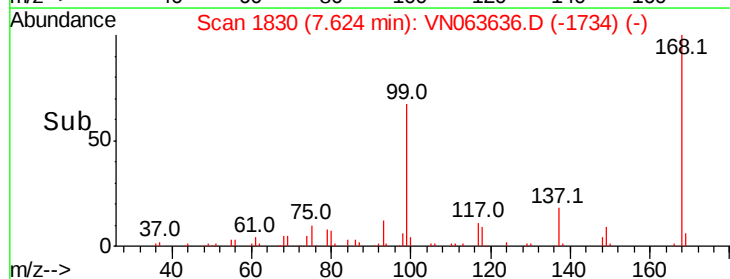
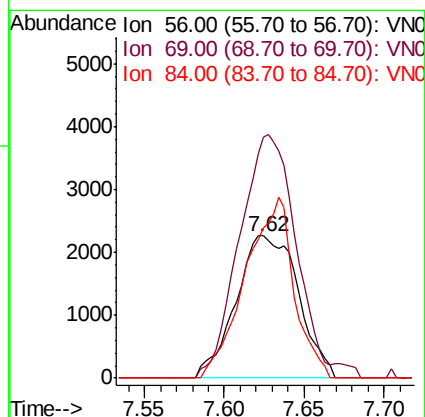
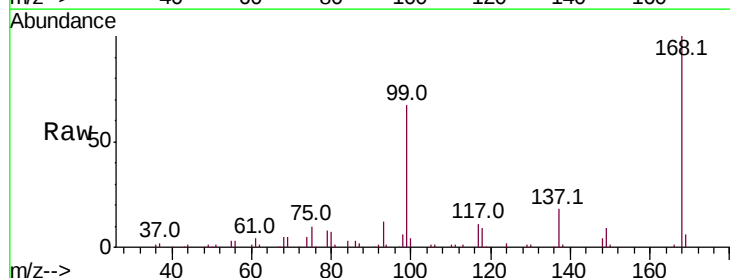
Tgt Ion: 56 Resp: 6057

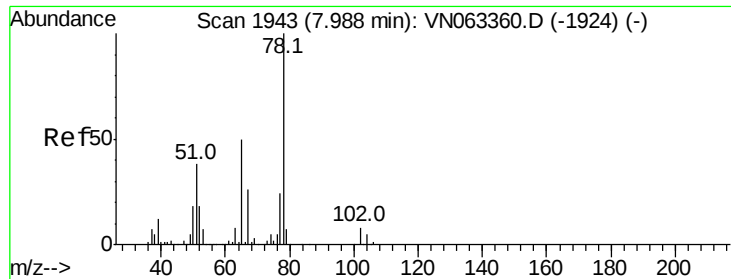
Ion Ratio Lower Upper

56 100

69 169.2 26.1 39.1#

84 105.5 65.4 98.2#





#33

1,2-Dichloroethane-d4

Concen: 49.837 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

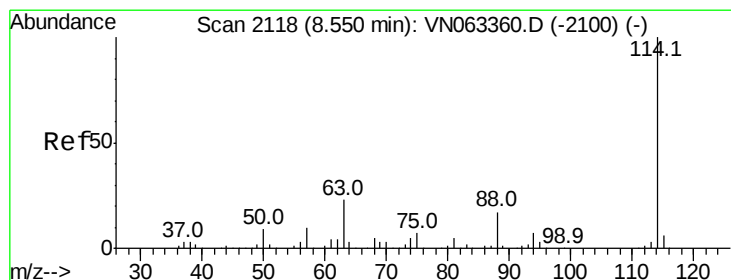
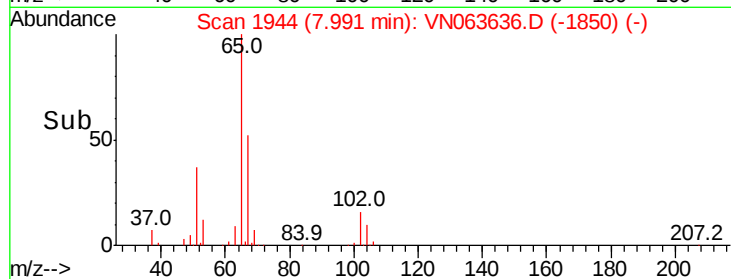
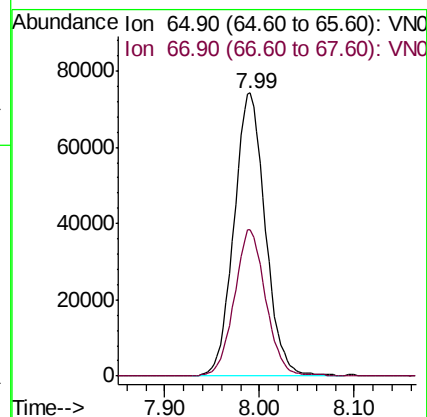
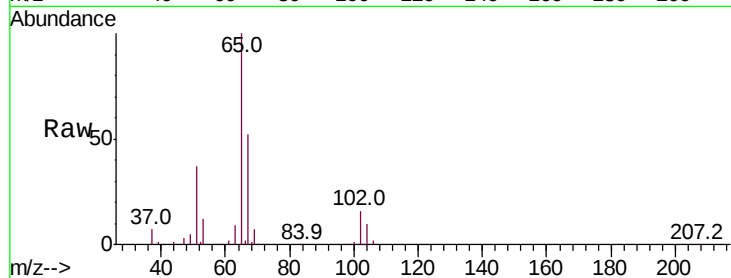
RE123D1-20200922

Tot Ion: 65 Resp: 170928

Ion Ratio Lower Upper

65 100

67 51.7 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: VN063636.D

Acq: 24 Sep 2020 18:16

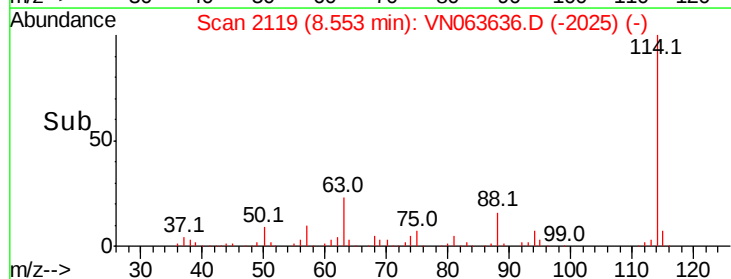
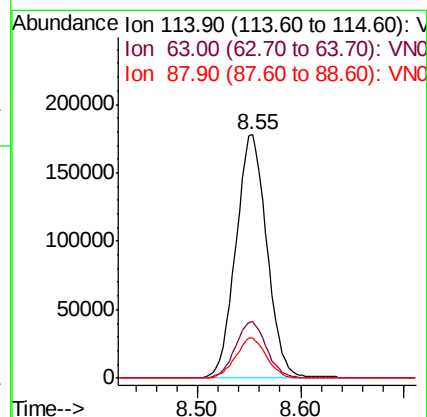
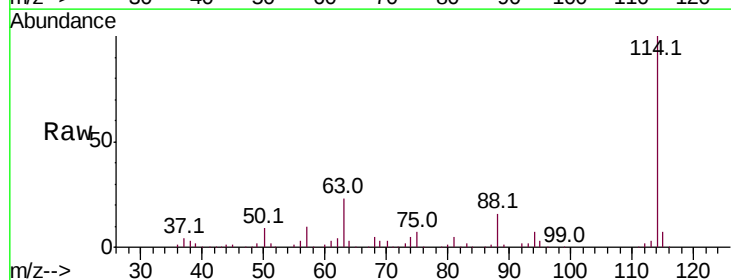
Tgt Ion: 114 Resp: 373255

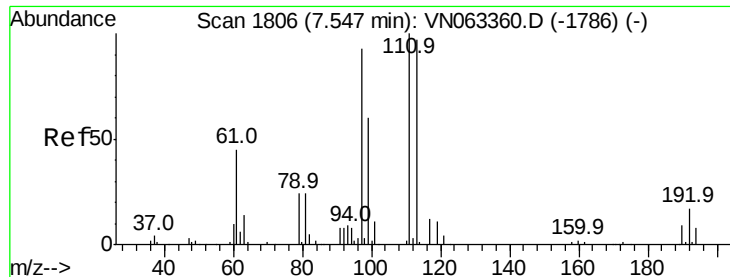
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

88 16.5 0.0 33.2

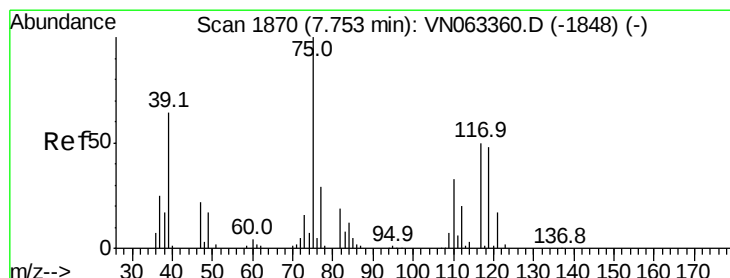
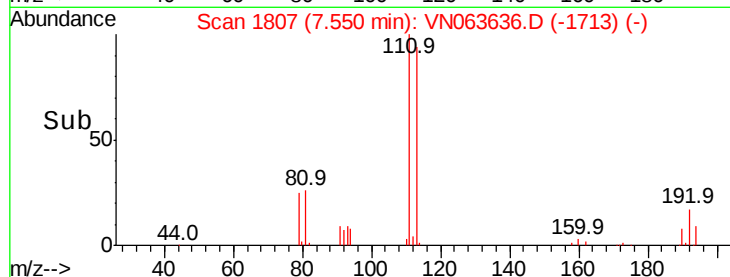
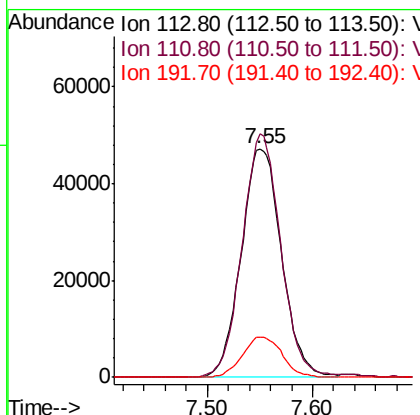
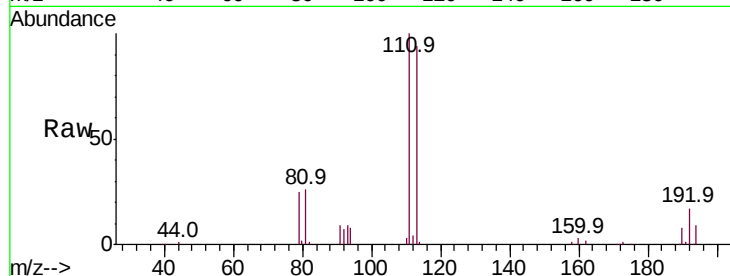




#35
 Dibromofluoromethane
 Concen: 48.648 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063636.D
 Acq: 24 Sep 2020 18:16

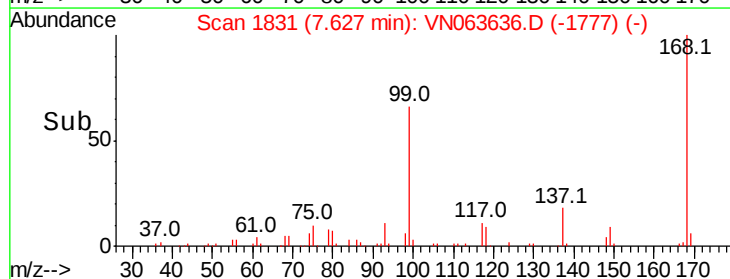
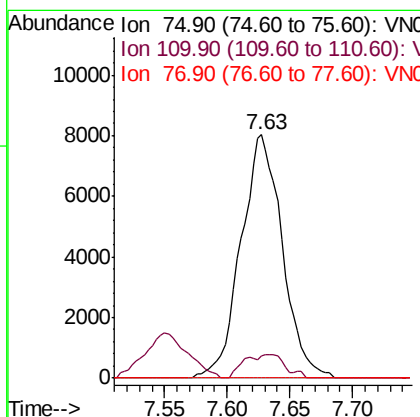
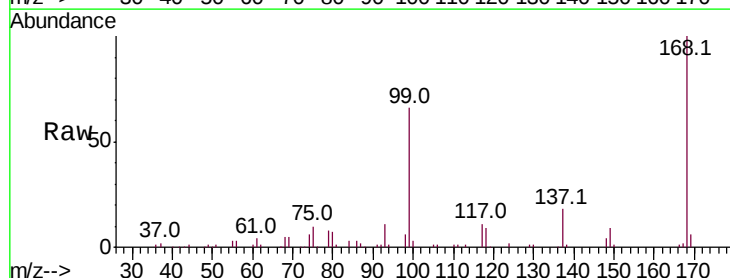
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20200922

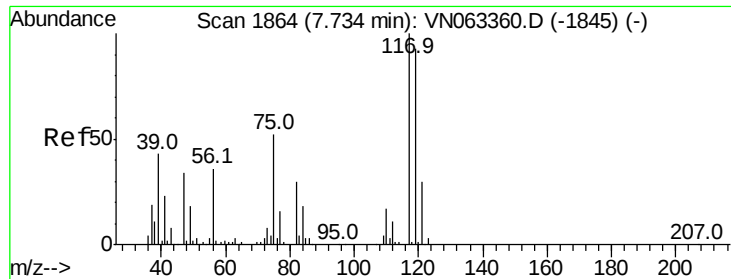
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	17.4	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063636.D
 Acq: 24 Sep 2020 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.7	16.5	49.5#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.600 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20200922

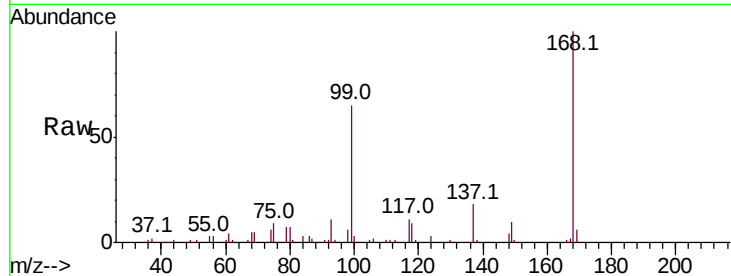
Tot Ion:117 Resp: 22730

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

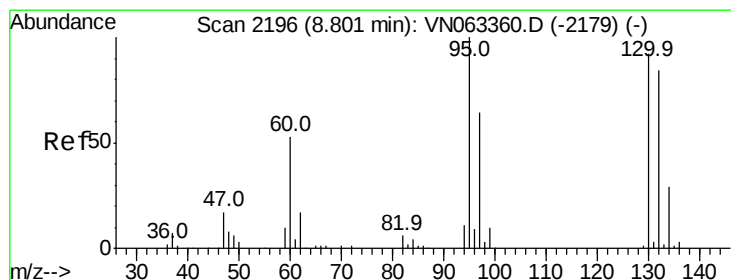
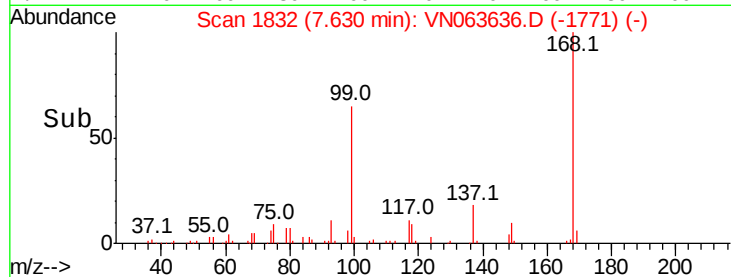
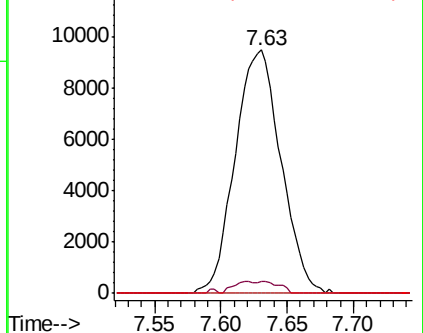
121 0.0 24.1 36.1#



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: 11.542 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063636.D

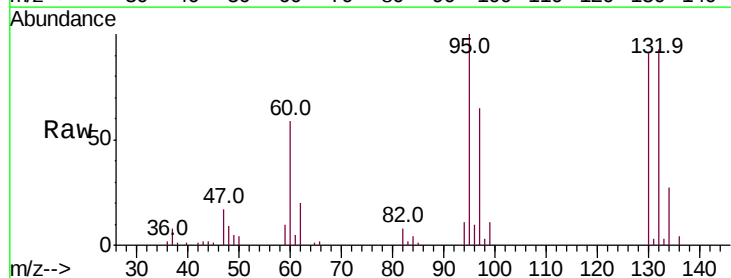
Acq: 24 Sep 2020 18:16

Tgt Ion:130 Resp: 31777

Ion Ratio Lower Upper

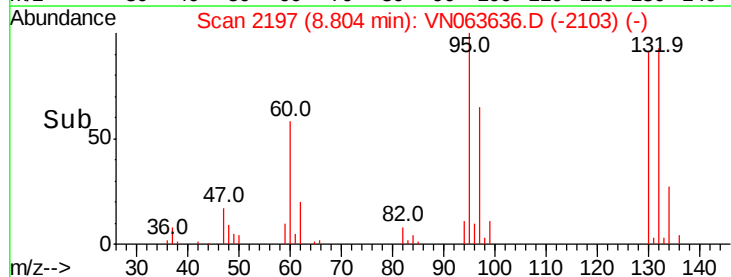
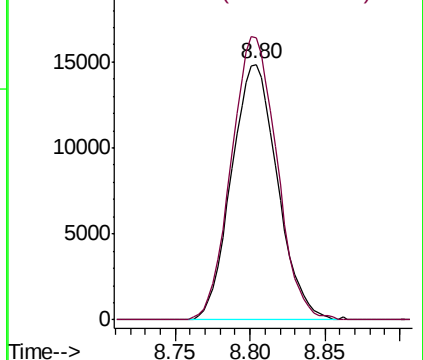
130 100

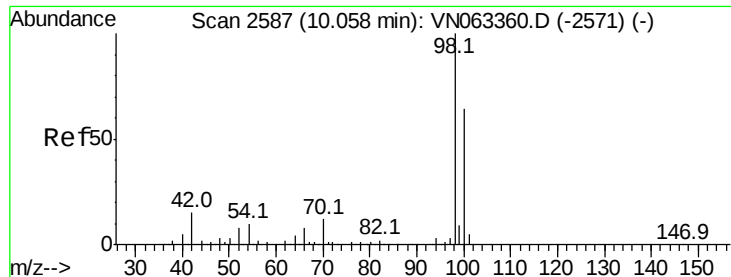
95 110.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

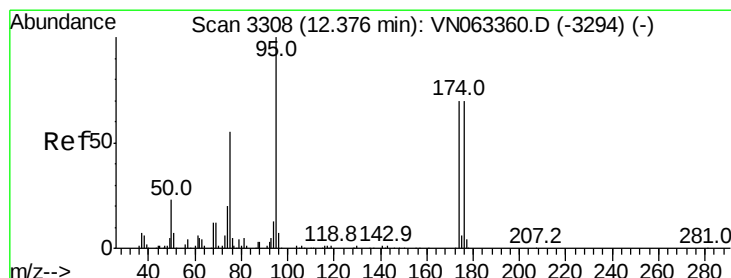
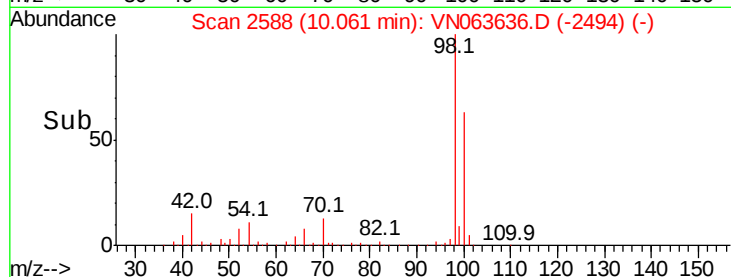
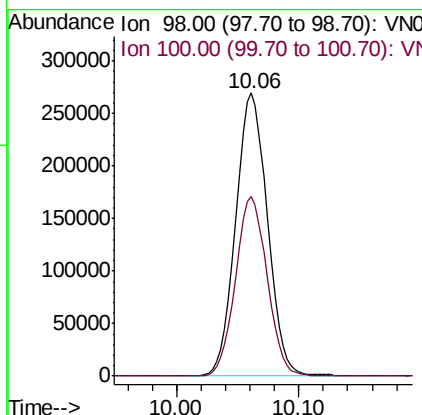
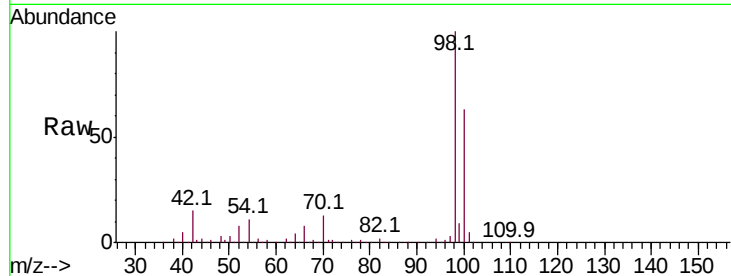




#50
Toluene-d8
Concen: 49.972 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063636.D
Acq: 24 Sep 2020 18:16

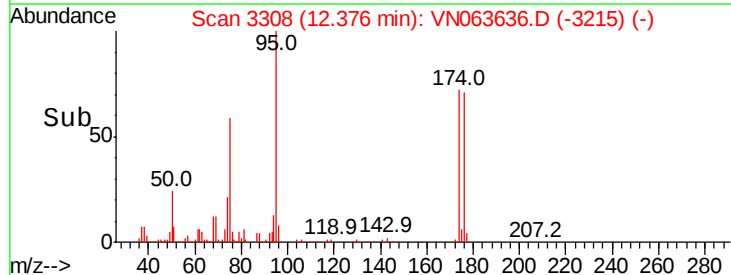
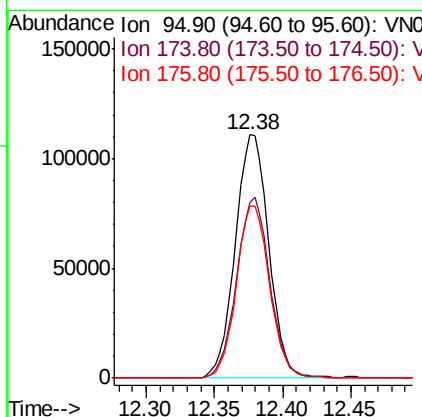
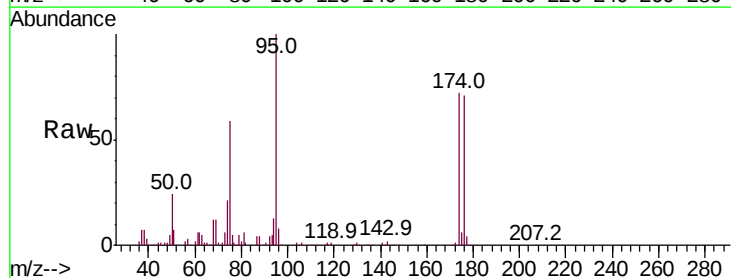
Instrument :
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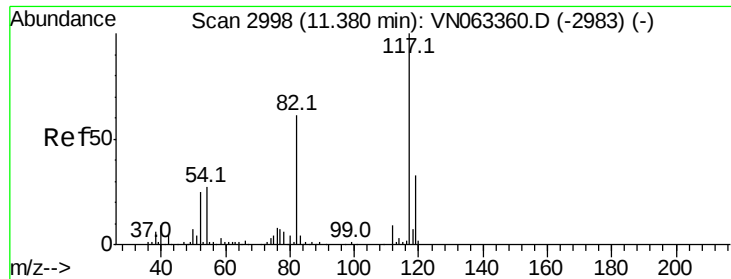
Tot Ion: 98 Resp: 485534
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 53.227 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063636.D
Acq: 24 Sep 2020 18:16

Tgt Ion: 95 Resp: 189583
Ion Ratio Lower Upper
95 100
174 73.6 0.0 140.8
176 70.1 0.0 137.6

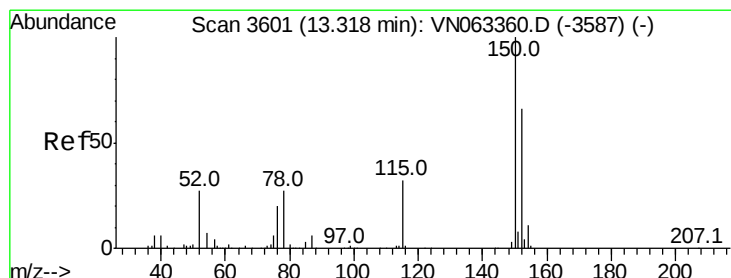
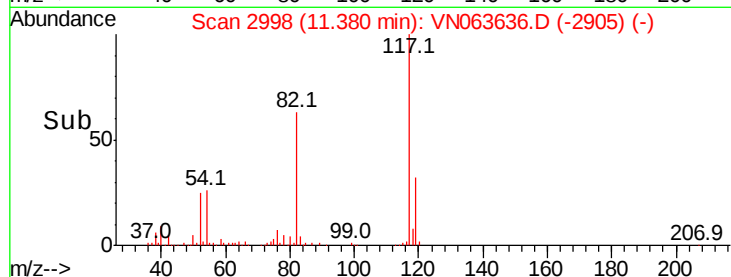
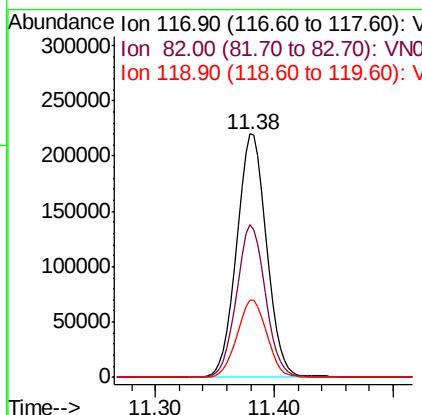
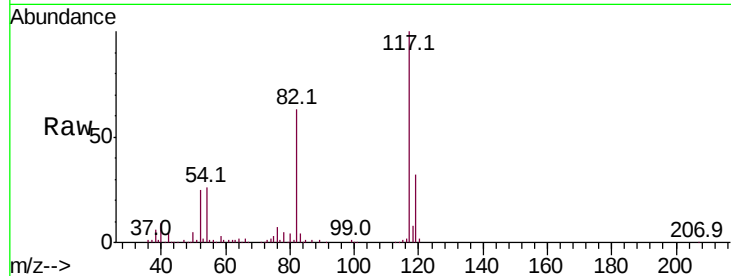




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063636.D
Acq: 24 Sep 2020 18:16

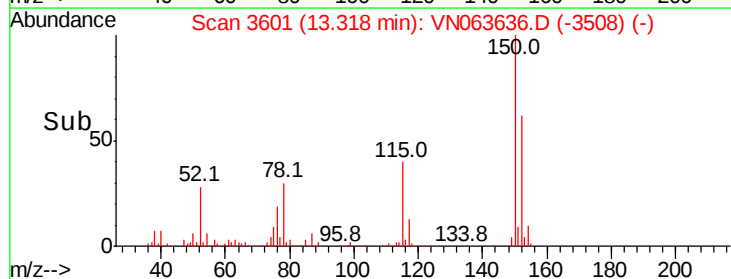
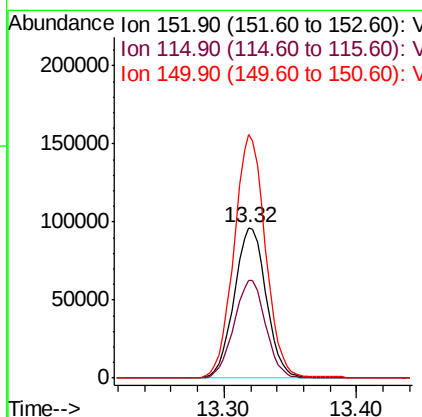
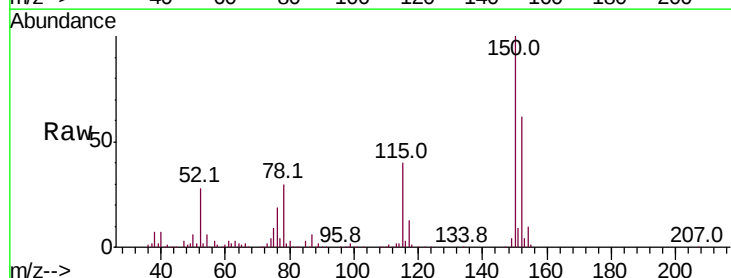
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20200922

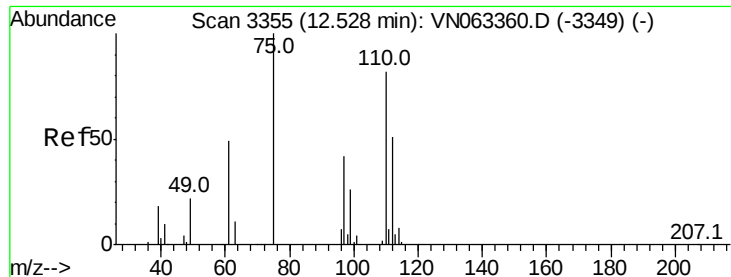
Tot Ion:117 Resp: 382863
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063636.D
Acq: 24 Sep 2020 18:16

Tgt Ion:152 Resp: 161655
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 159.0 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 27.487 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

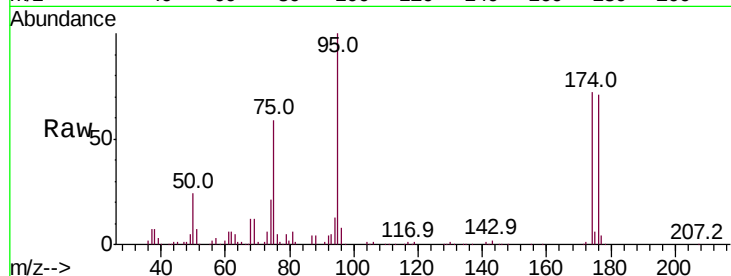
RE123D1-20200922

Tot Ion: 75 Resp: 109980

Ion Ratio Lower Upper

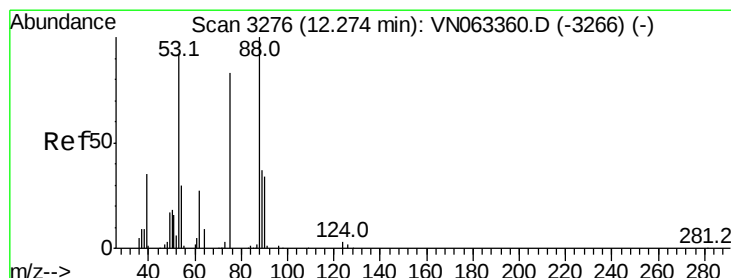
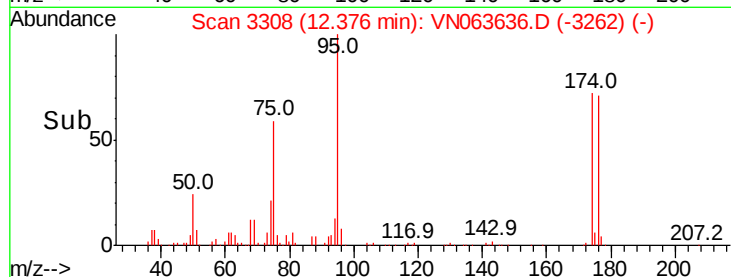
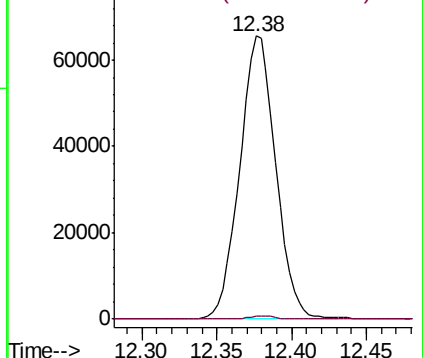
75 100

77 0.9 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: 75.359 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063636.D

Acq: 24 Sep 2020 18:16

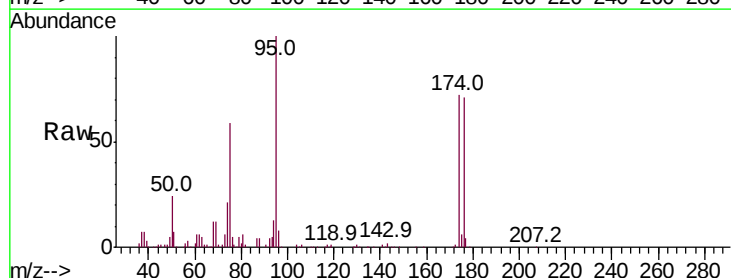
Tgt Ion: 75 Resp: 109980

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

