

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063633.D
 Acq On : 24 Sep 2020 17:04
 Operator : JC/MD
 Sample : L4119-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20200921

Quant Time: Sep 25 03:51:45 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	206770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166184	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	180891	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.55	113	125600	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
50) Toluene-d8	10.06	98	496585	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	198670	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	

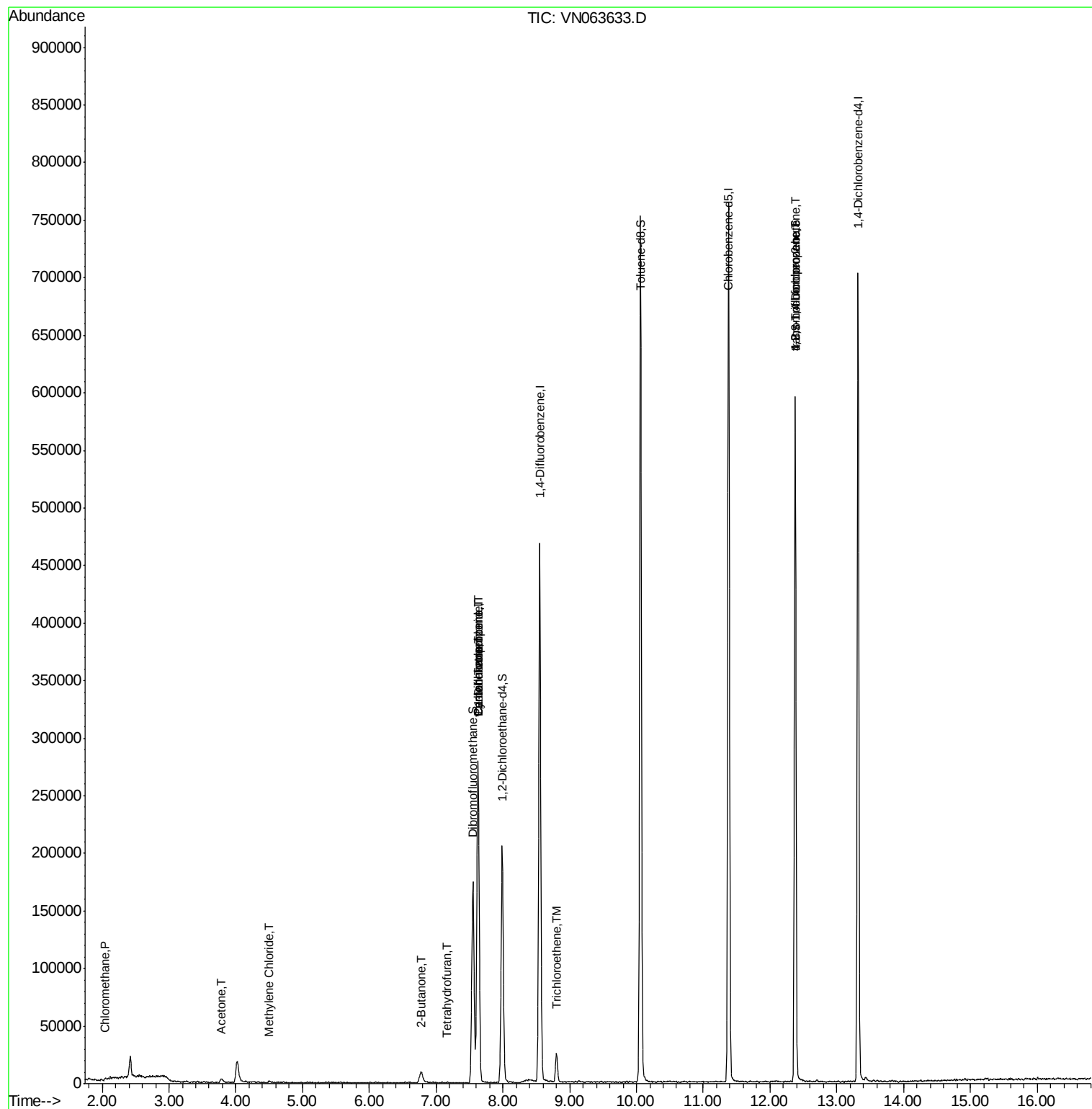
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1145	0.369	ug/l	90
16) Acetone	3.79	43	5602	4.952	ug/l #	82
20) Methylene Chloride	4.51	84	764	0.267	ug/l #	26
25) 2-Butanone	6.78	43	1347	0.774	ug/l #	51
29) Tetrahydrofuran	7.16	42	246	0.207	ug/l #	36
31) Cyclohexane	7.63	56	6009	1.236	ug/l #	43
36) 1,1-Dichloropropene	7.62	75	20269	4.926	ug/l #	47
38) Carbon Tetrachloride	7.63	117	23407	5.572	ug/l #	18
44) Trichloroethene	8.80	130	7525	2.641	ug/l	83
76) 1,2,3-Trichloropropane	12.38	75	113004	27.473	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113004	75.320	ug/l #	7

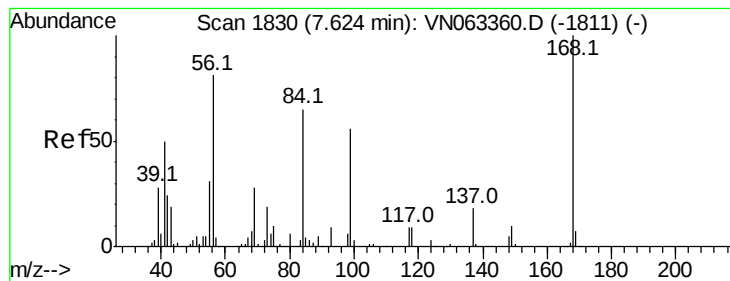
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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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: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

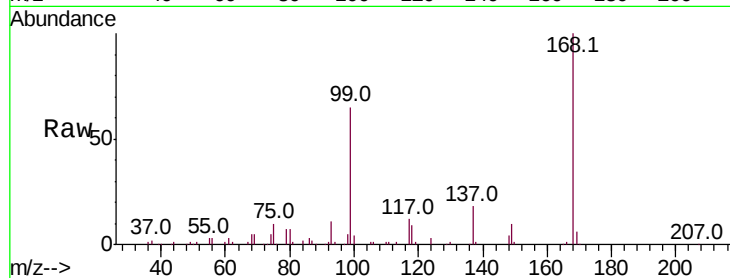
RE122D3-20200921

Tot Ion:168 Resp: 206770

Ion Ratio Lower Upper

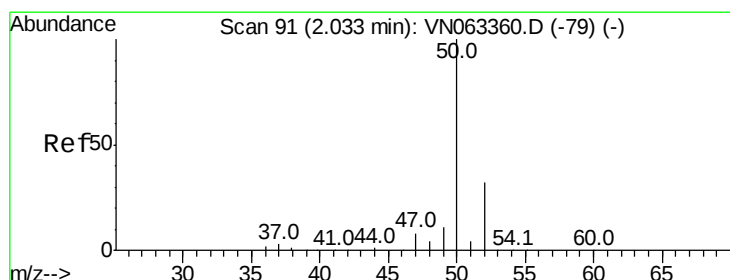
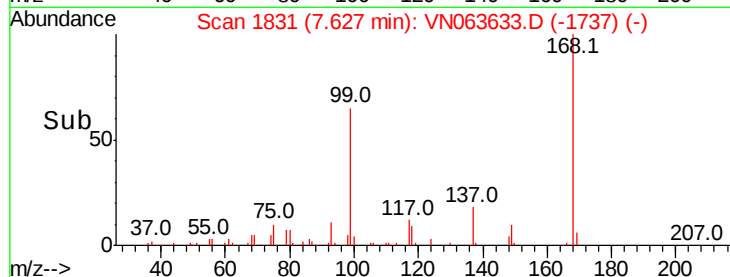
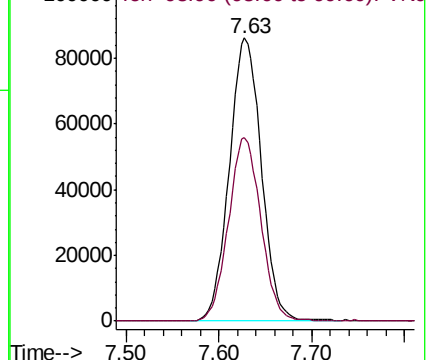
168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.369 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063633.D

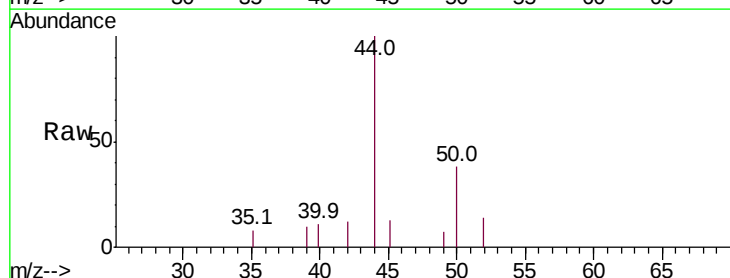
Acq: 24 Sep 2020 17:04

Tgt Ion: 50 Resp: 1145

Ion Ratio Lower Upper

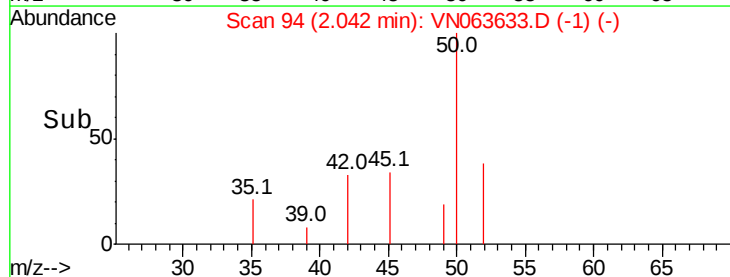
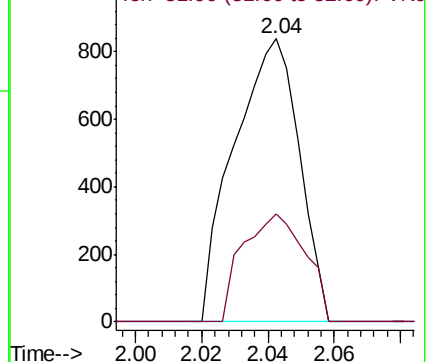
50 100

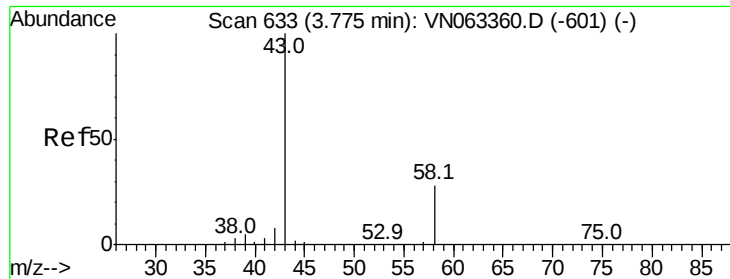
52 38.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

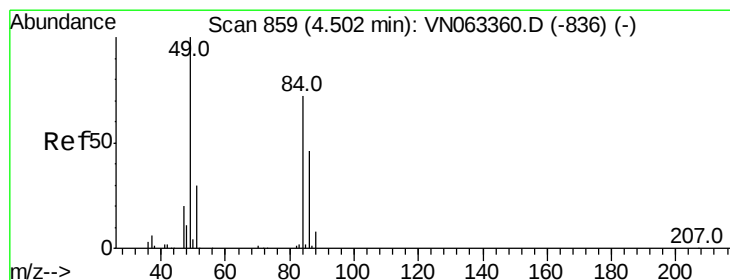
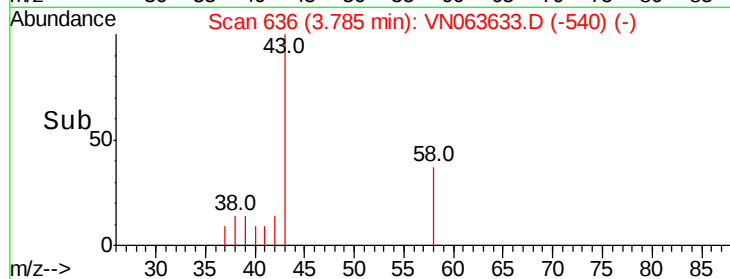
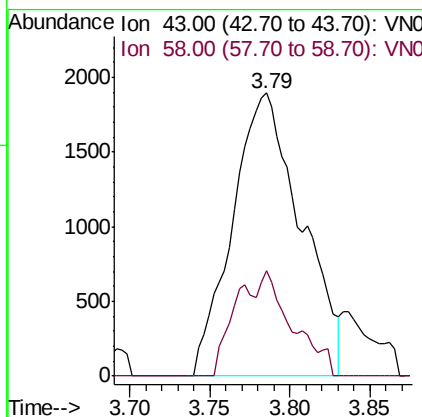
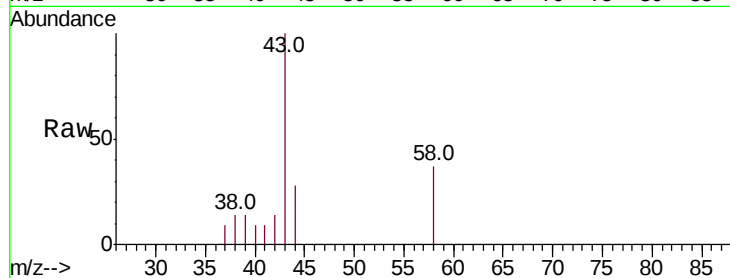




#16
Acetone
Concen: 4.952 ug/l
RT: 3.79 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

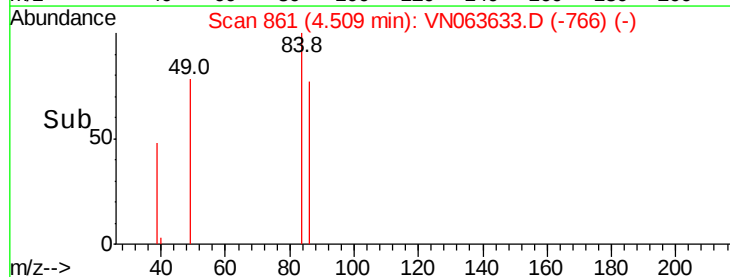
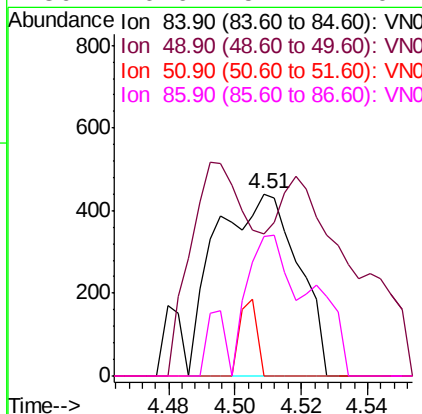
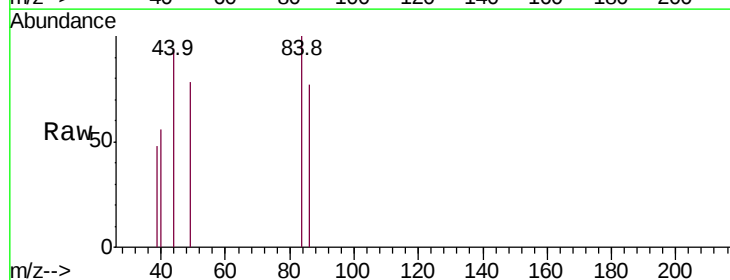
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20200921

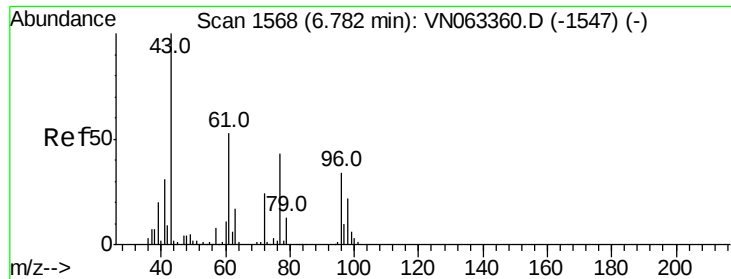
Tot Ion: 43 Resp: 5602
Ion Ratio Lower Upper
43 100
58 37.3 22.3 33.5#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

Tgt Ion: 84 Resp: 764
Ion Ratio Lower Upper
84 100
49 13.0 110.7 166.1#
51 0.0 32.9 49.3#
86 76.6 51.1 76.7





#25

2-Butanone

Concen: 0.774 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

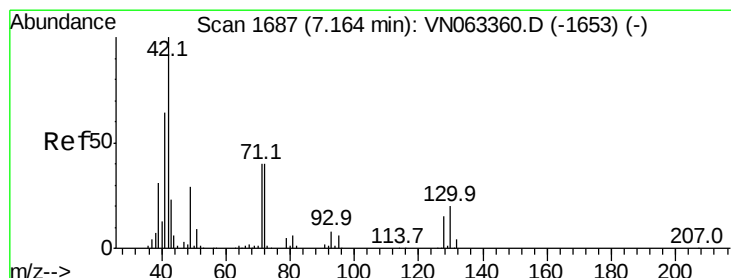
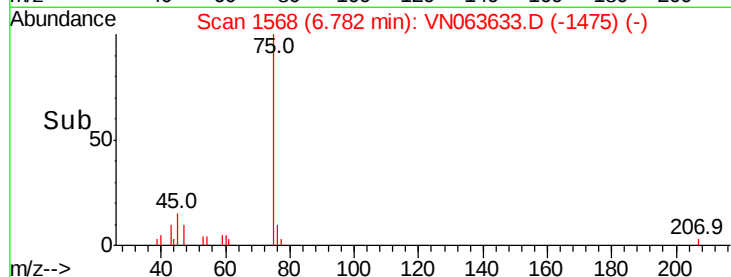
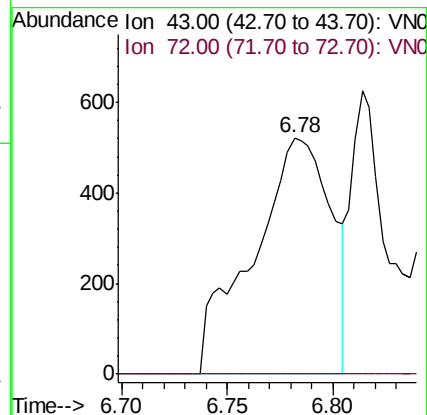
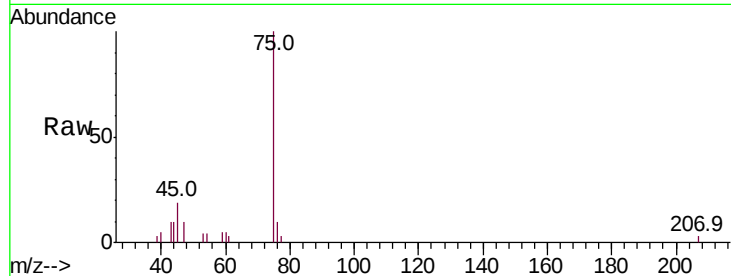
RE122D3-20200921

Tot Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

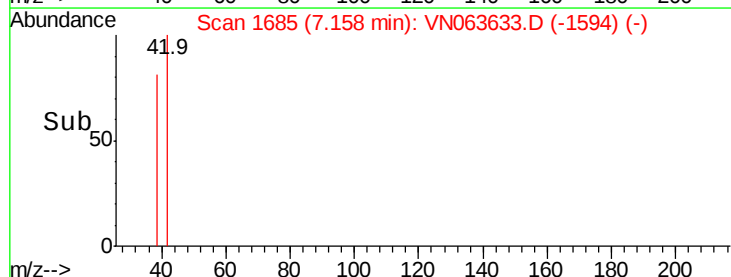
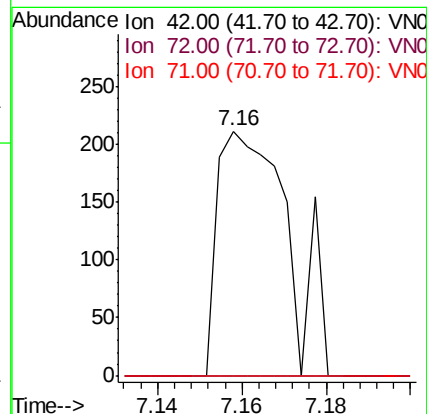
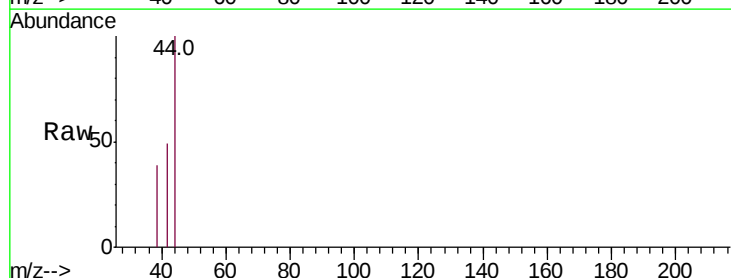
Tgt Ion: 42 Resp: 246

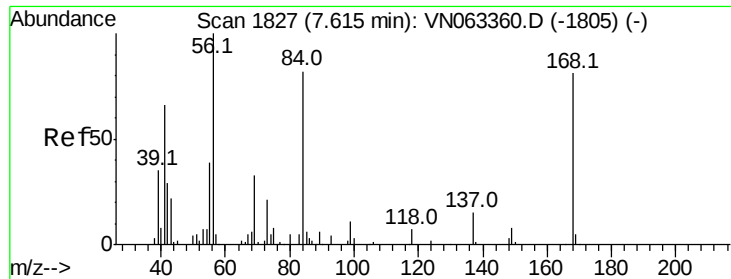
Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

71 0.0 31.2 46.8#

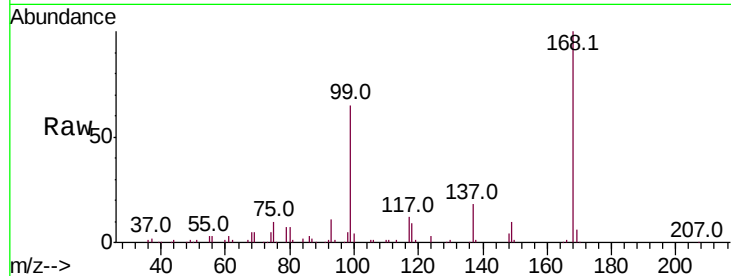




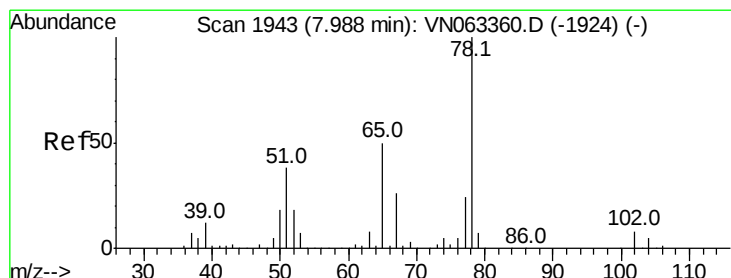
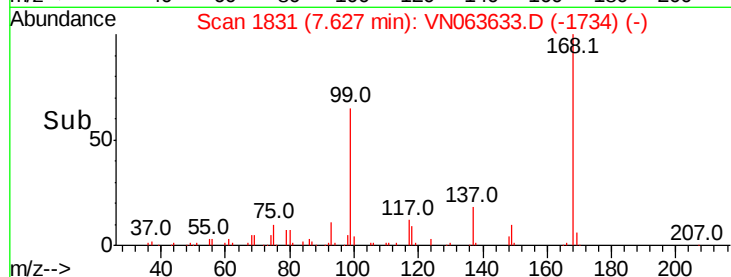
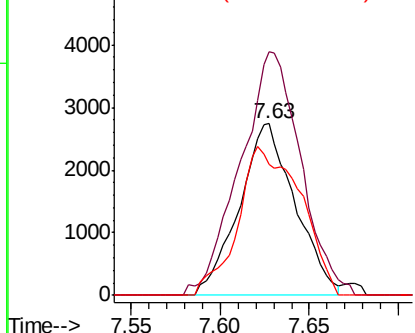
#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20200921

Tot Ion: 56 Resp: 6009
Ion Ratio Lower Upper
56 100
69 135.8 26.1 39.1#
84 76.5 65.4 98.2

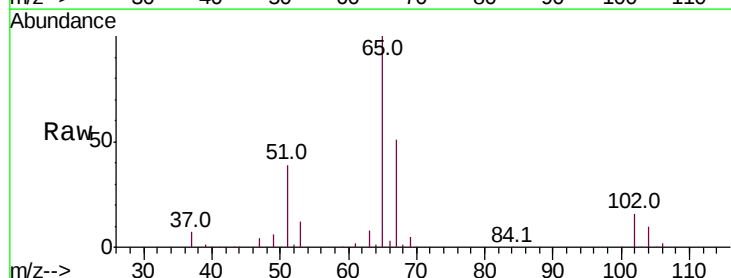


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

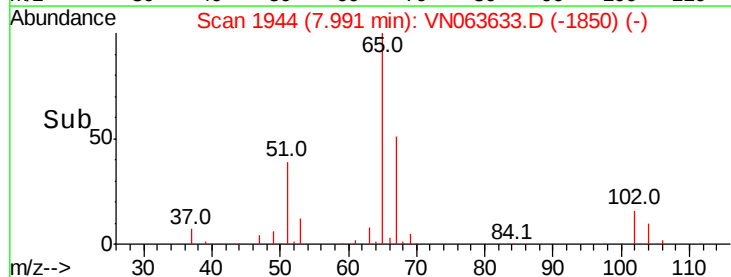
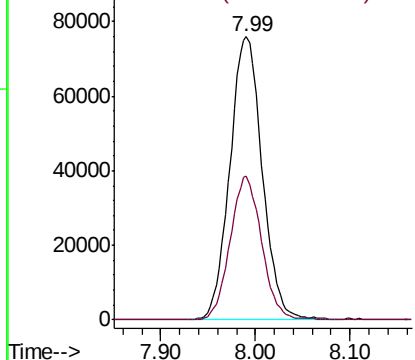


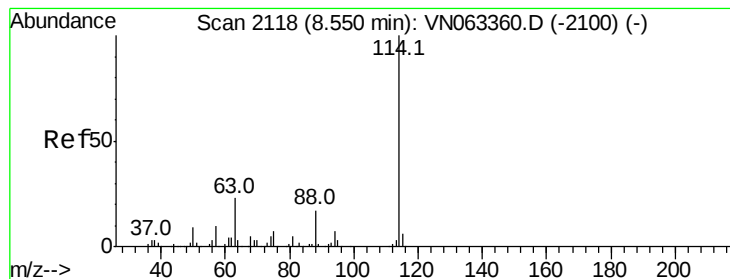
#33
1,2-Dichloroethane-d4
Concen: 51.393 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

Tgt Ion: 65 Resp: 180891
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200921

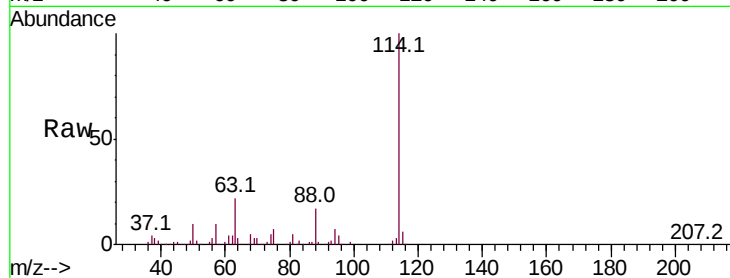
Tot Ion:114 Resp: 386258

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.4

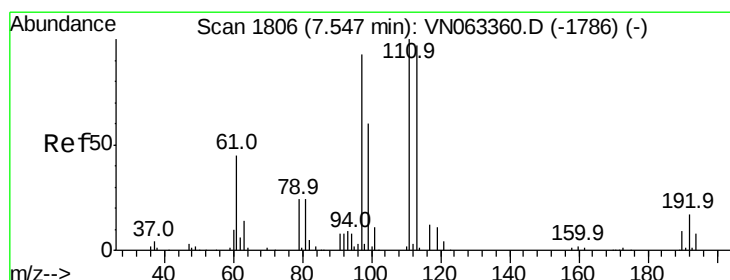
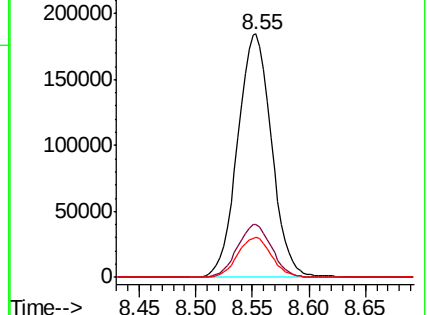
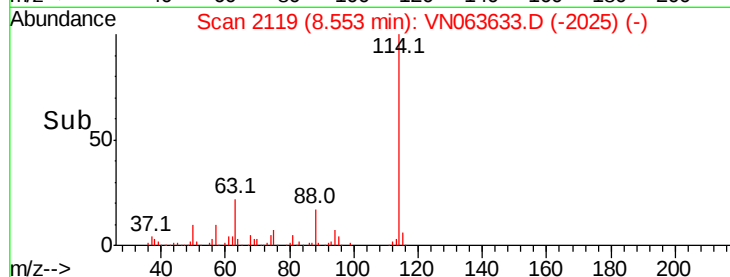
88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.971 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

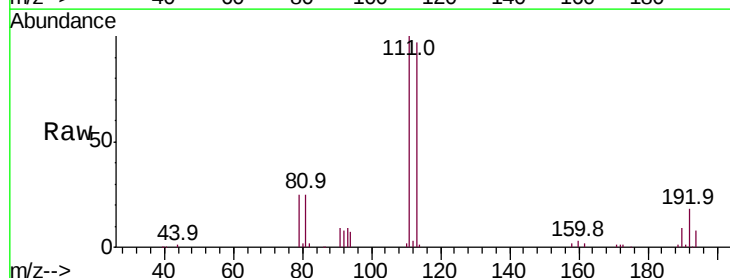
Tgt Ion:113 Resp: 125600

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

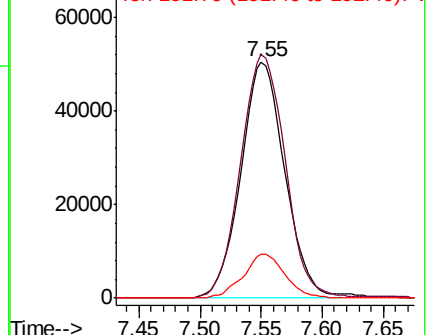
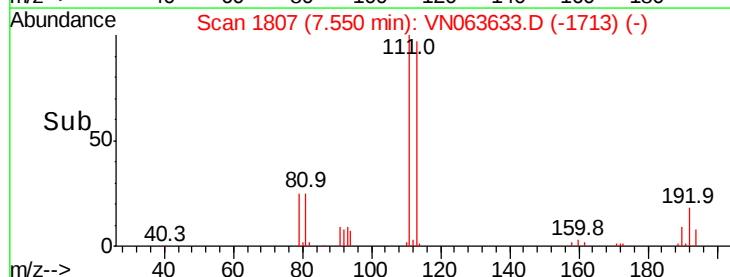
192 17.7 13.9 20.9

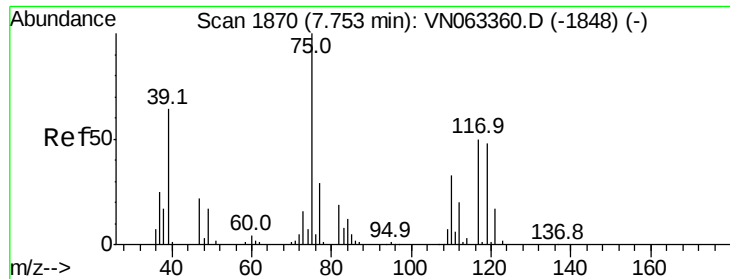


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

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RE122D3-20200921

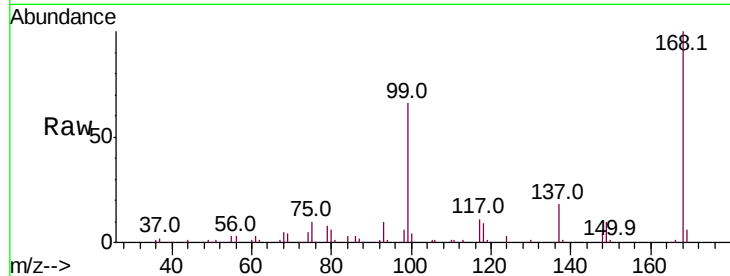
Tot Ion: 75 Resp: 20269

Ion Ratio Lower Upper

75 100

110 4.5 16.5 49.5#

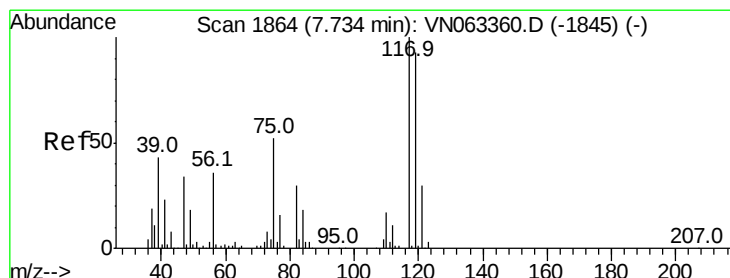
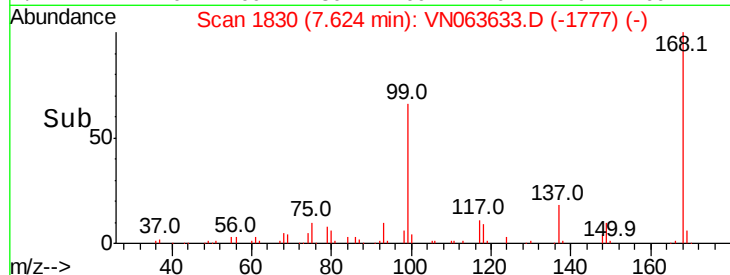
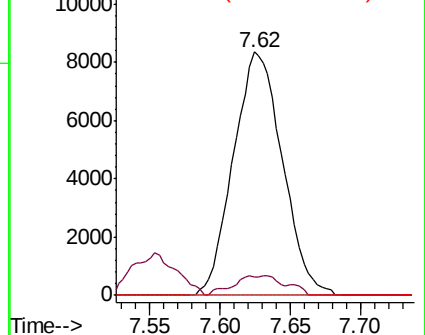
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

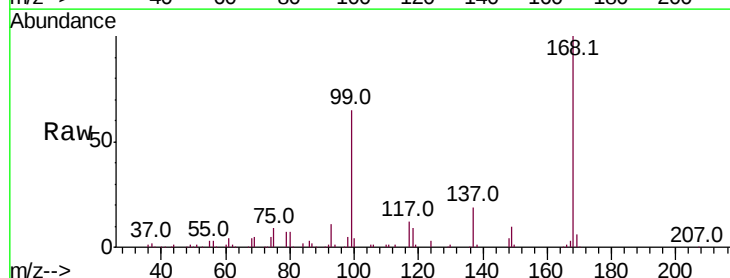
Tgt Ion: 117 Resp: 23407

Ion Ratio Lower Upper

117 100

119 6.6 74.5 111.7#

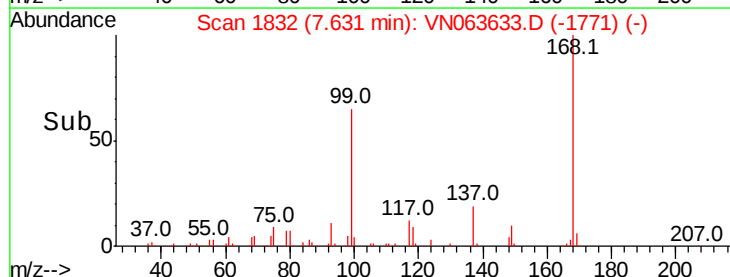
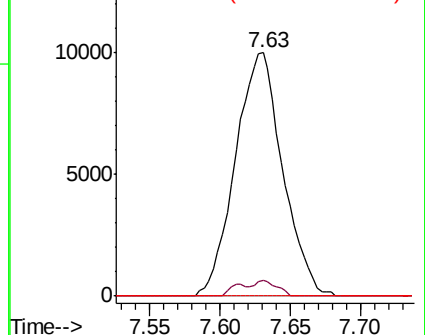
121 0.0 24.1 36.1#

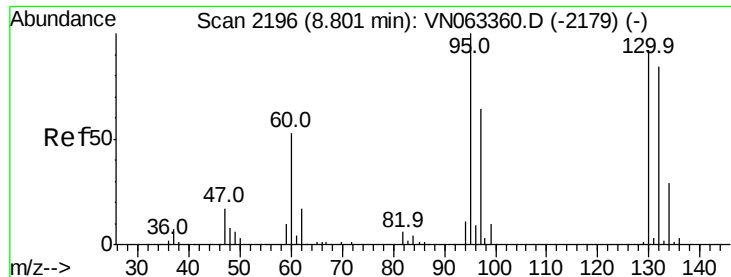


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 2.641 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

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ClientSampleId :

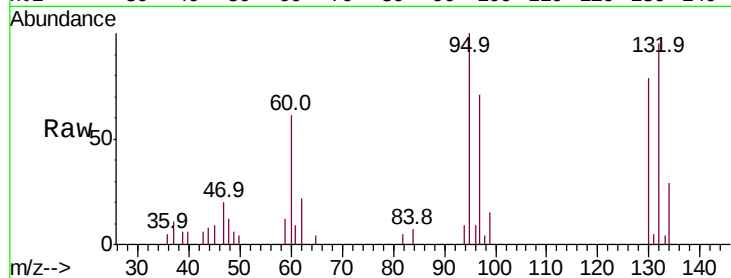
RE122D3-20200921

Tot Ion:130 Resp: 7525

Ion Ratio Lower Upper

130 100

95 126.4 0.0 217.4

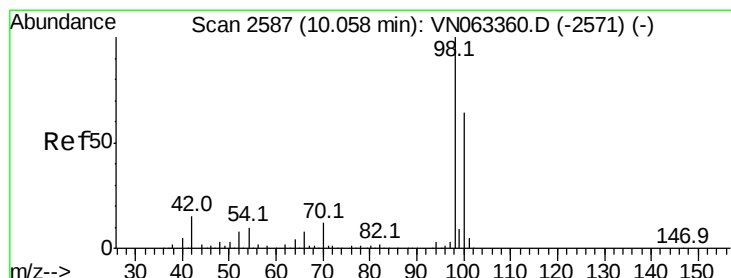
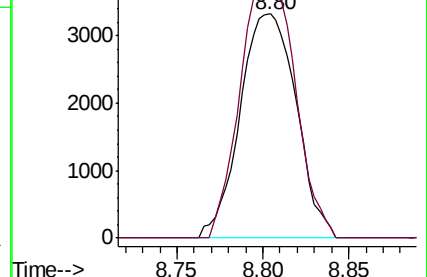
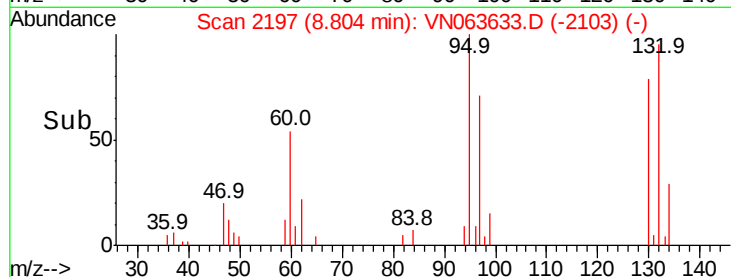


Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

Time-->



#50

Toluene-d8

Concen: 49.388 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063633.D

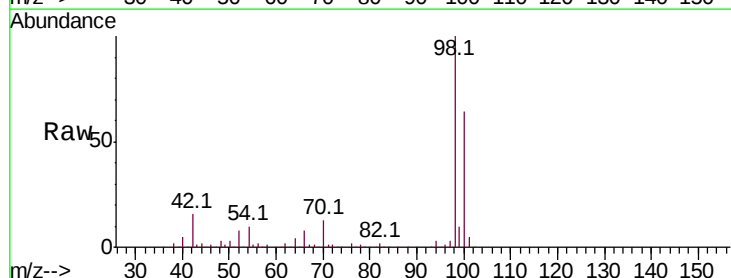
Acq: 24 Sep 2020 17:04

Tgt Ion: 98 Resp: 496585

Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1

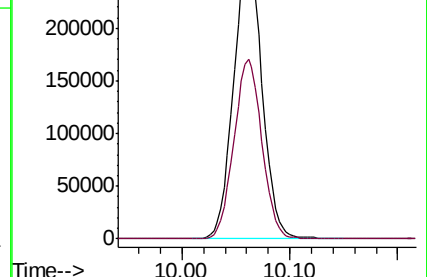
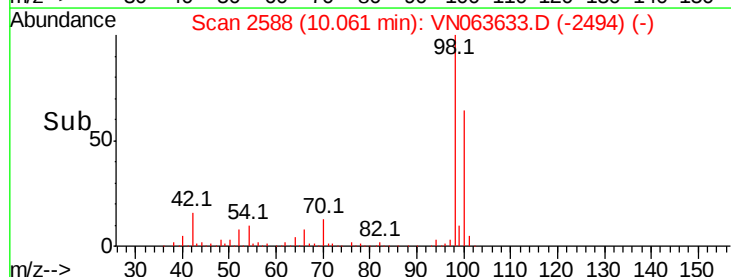


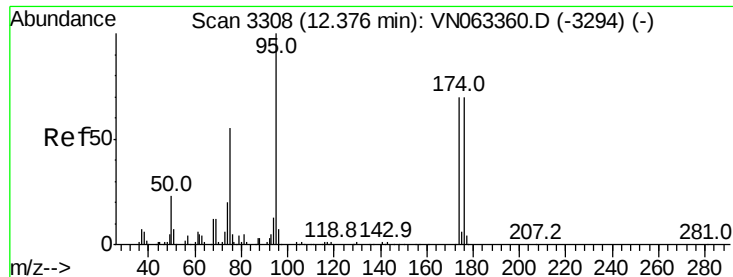
Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

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

10.06

Time-->

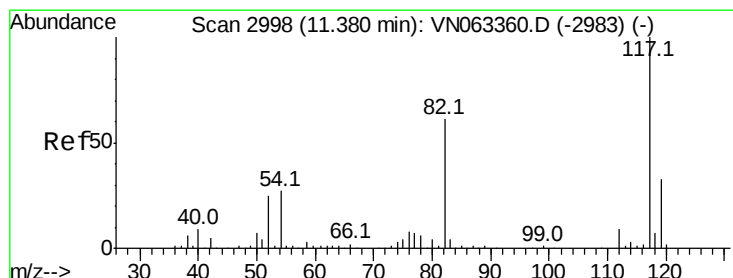
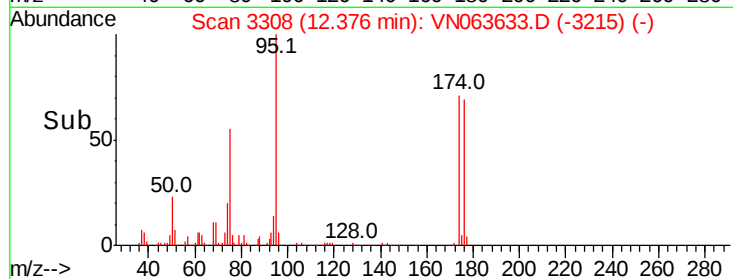
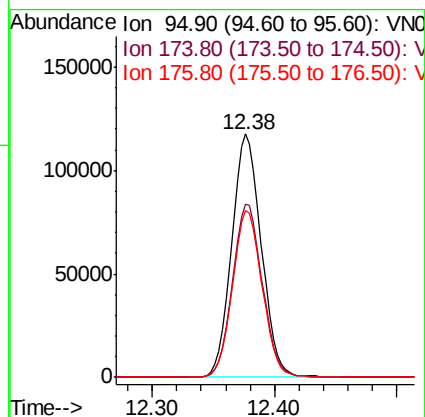
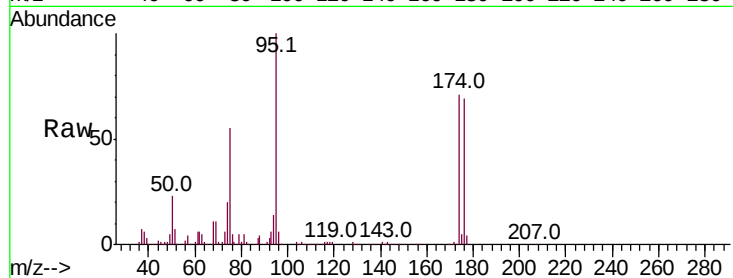




#62
4-Bromofluorobenzene
Concen: 53.901 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

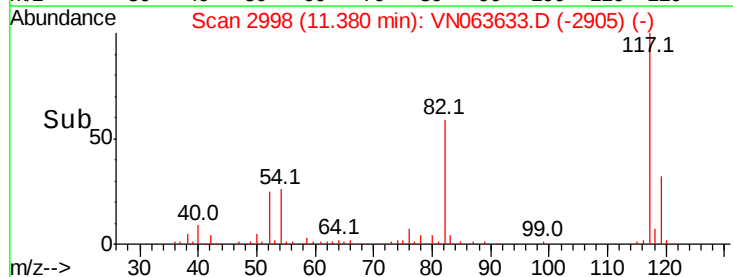
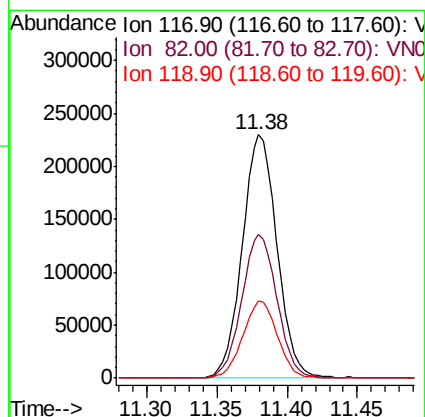
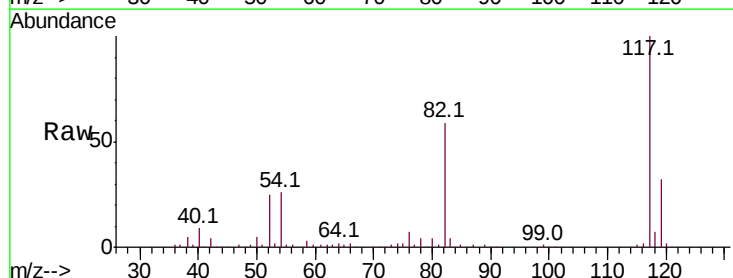
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20200921

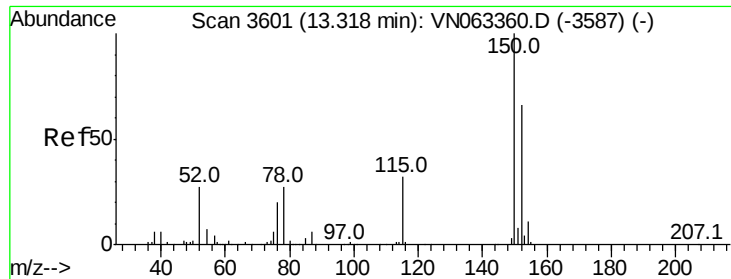
Tot Ion: 95 Resp: 198670
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.8
176 68.8 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063633.D
Acq: 24 Sep 2020 17:04

Tgt Ion: 117 Resp: 397094
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.6 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: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200921

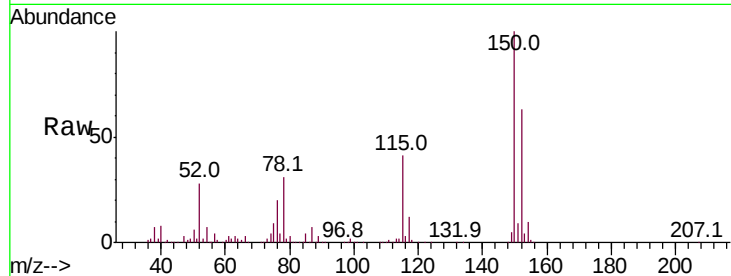
Tot Ion:152 Resp: 166184

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

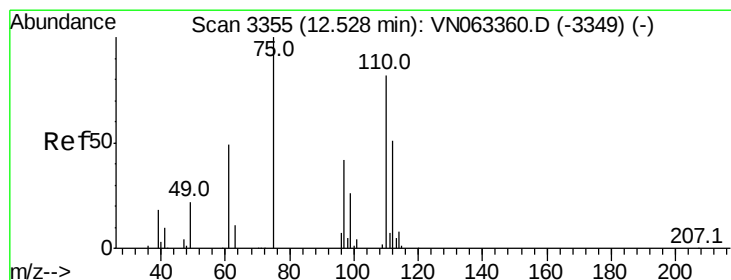
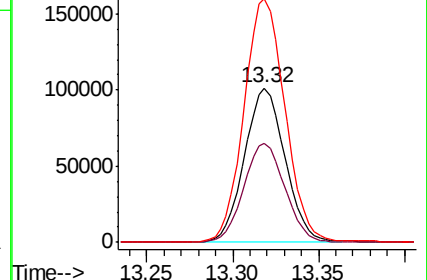
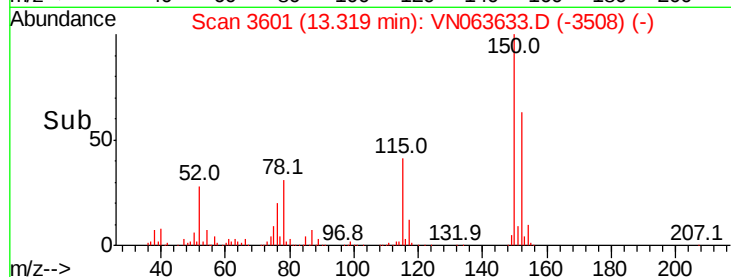
150 159.1 0.0 343.4



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: 27.473 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063633.D

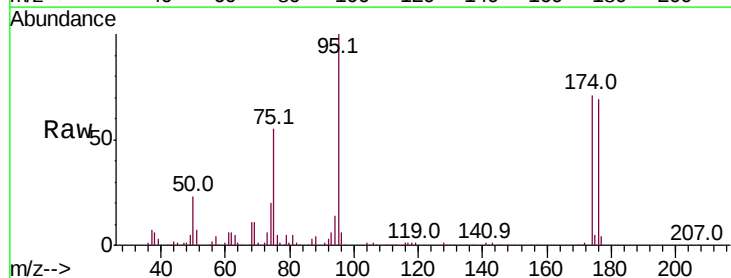
Acq: 24 Sep 2020 17:04

Tgt Ion: 75 Resp: 113004

Ion Ratio Lower Upper

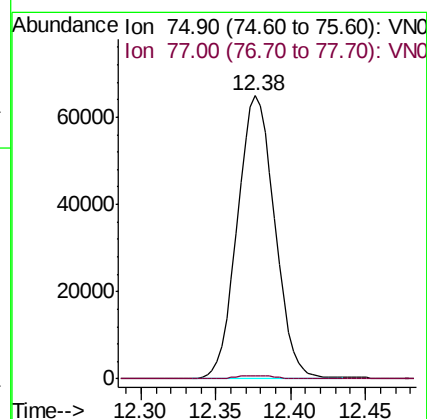
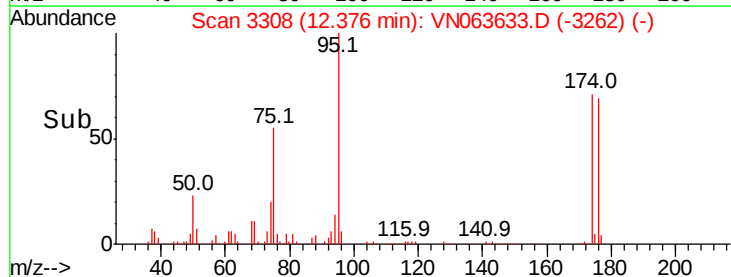
75 100

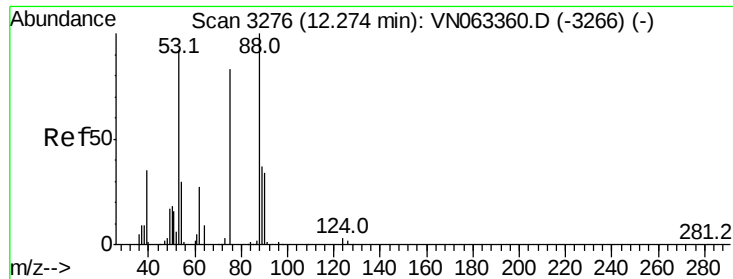
77 1.2 0.0 0.0#



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: 75.320 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063633.D

Acq: 24 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200921

Tot Ion: 75 Resp: 113004

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#

