

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063550.D
 Acq On : 22 Sep 2020 22:06
 Operator : JC/MD
 Sample : L4093-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-GW-TB

Quant Time: Sep 23 04:03:57 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	218602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176698	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	183180	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	134379	47.41	ug/l	0.00
Spiked Amount						
			Recovery	=	94.82%	
50) Toluene-d8	10.06	98	522077	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	208077	53.26	ug/l	0.00
Spiked Amount						
			Recovery	=	106.52%	

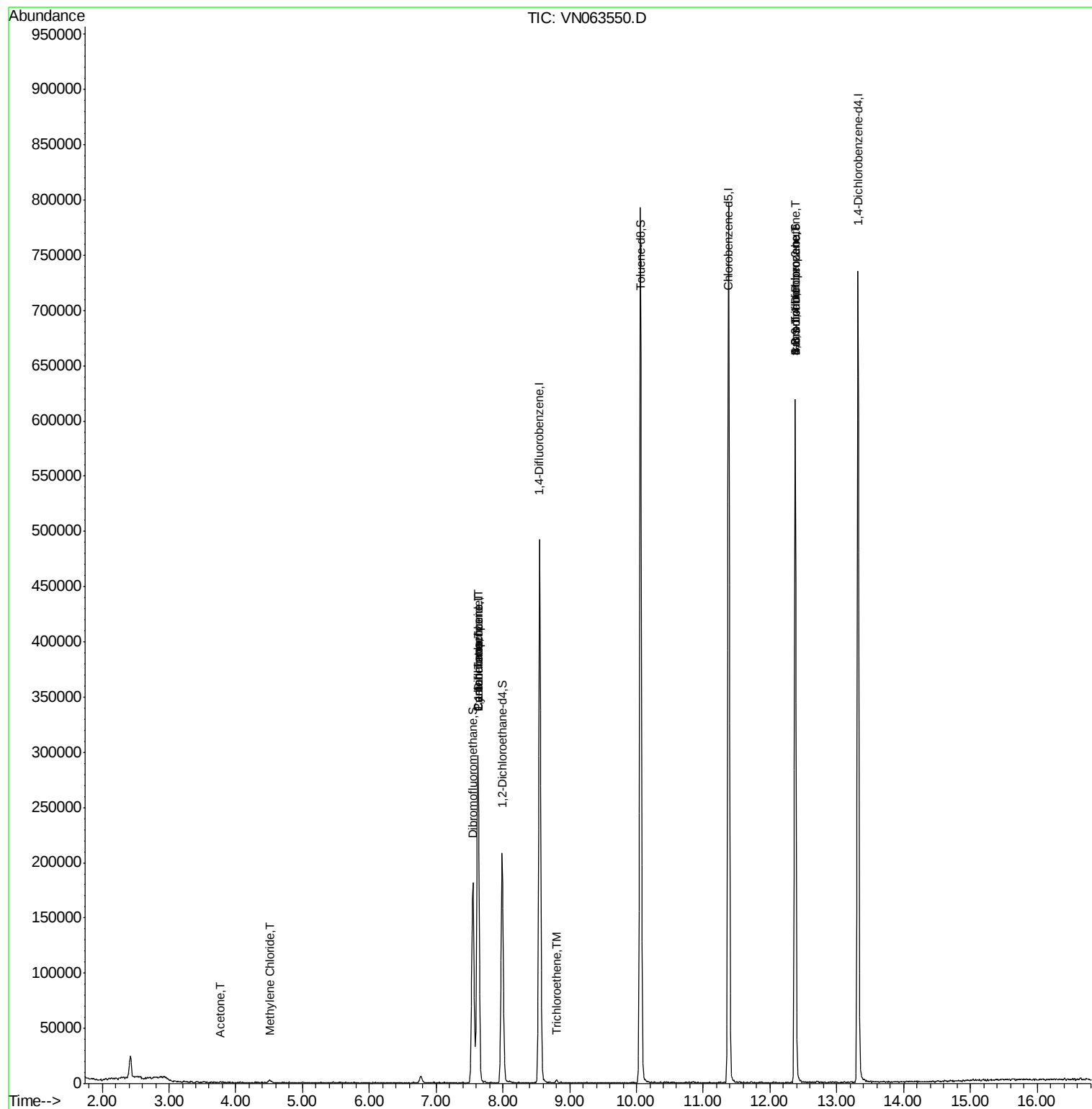
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	362	0.303	ug/l #	53
20) Methylene Chloride	4.51	84	1844	0.609	ug/l #	79
31) Cyclohexane	7.62	56	6587	1.282	ug/l #	28
36) 1,1-Dichloropropene	7.62	75	20632	4.730	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25189	5.657	ug/l #	17
44) Trichloroethene	8.80	130	963	0.319	ug/l	88
71) Bromoform	12.37	173	593	0.246	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	115712	26.457	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115712	72.536	ug/l #	7

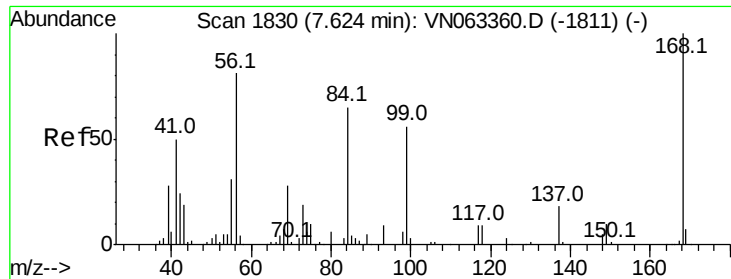
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Quant Time: Sep 23 04:03:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

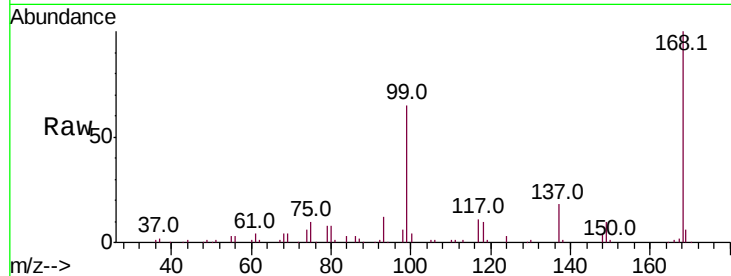
KTS-GW-TB

Tot Ion:168 Resp: 218602

Ion Ratio Lower Upper

168 100

99 64.7 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

100000

80000

60000

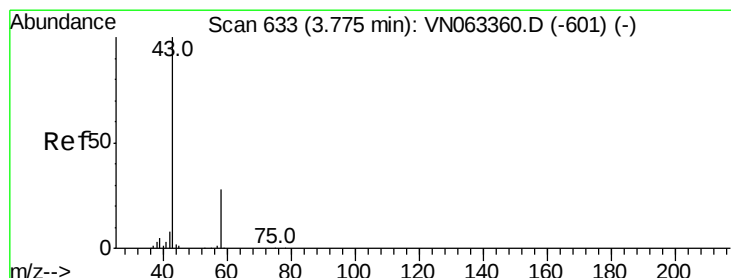
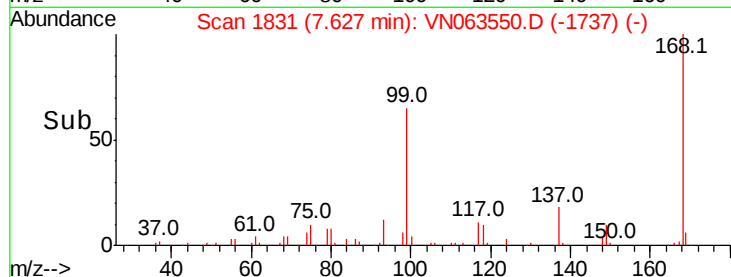
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 0.303 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063550.D

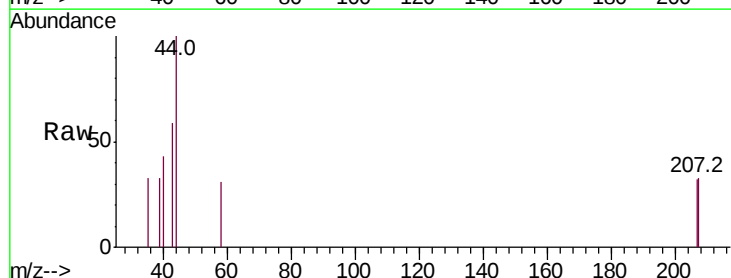
Acq: 22 Sep 2020 22:06

Tgt Ion: 43 Resp: 362

Ion Ratio Lower Upper

43 100

58 52.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

300

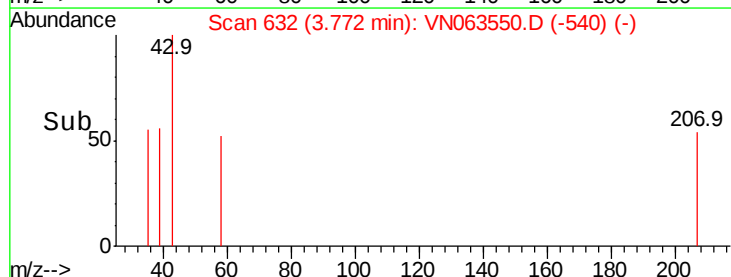
200

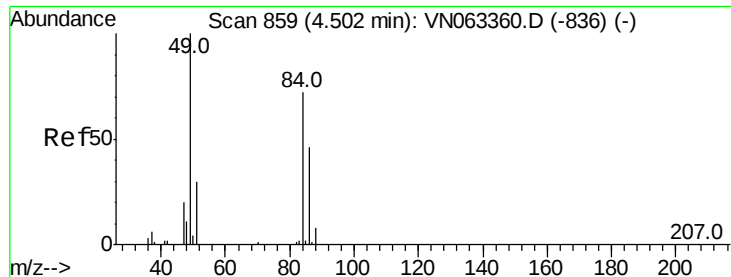
100

0

Time-->

3.74 3.76 3.78





#20

Methvlene Chloride

Concen: 0.609 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

KTS-GW-TB

Tot Ion: 84 Resp: 1844

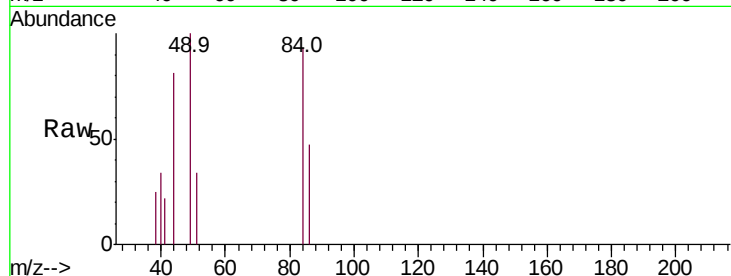
Ion Ratio Lower Upper

84 100

49 107.1 110.7 166.1#

51 35.9 32.9 49.3

86 50.4 51.1 76.7#

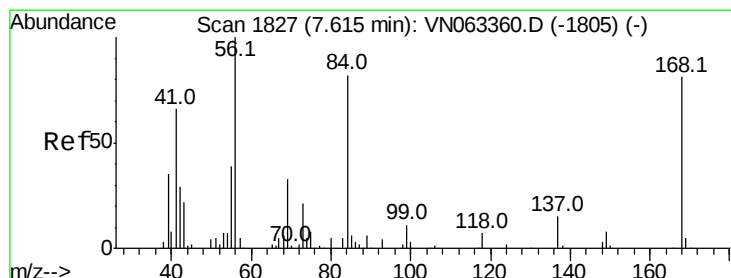
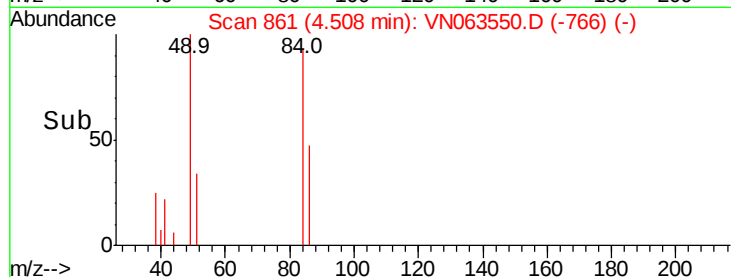
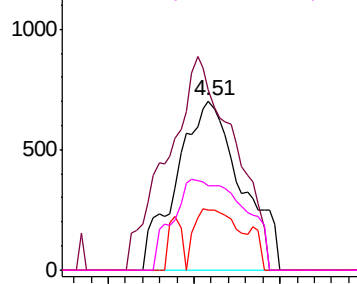


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.282 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

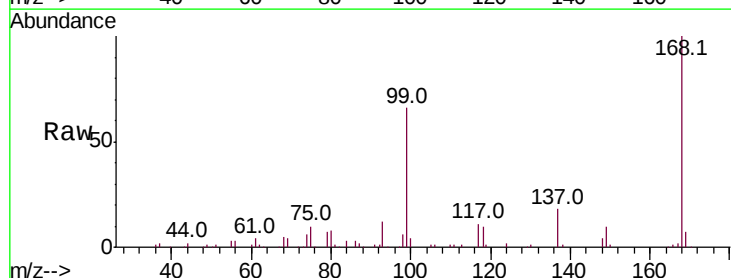
Tgt Ion: 56 Resp: 6587

Ion Ratio Lower Upper

56 100

69 146.2 26.1 39.1#

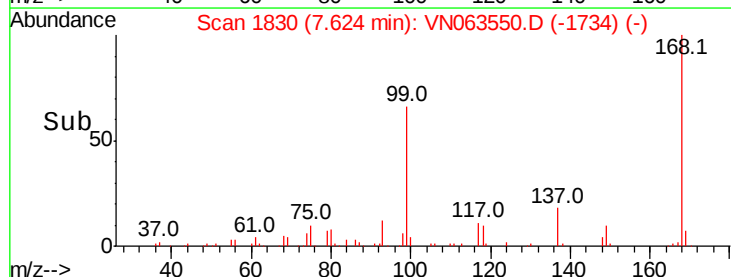
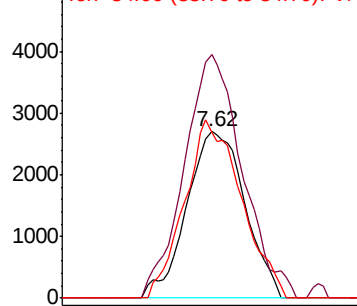
84 99.7 65.4 98.2#

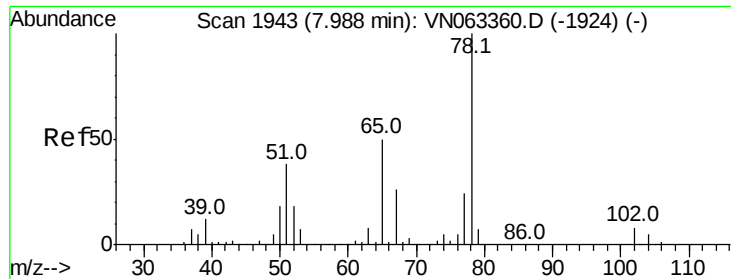


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.226 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

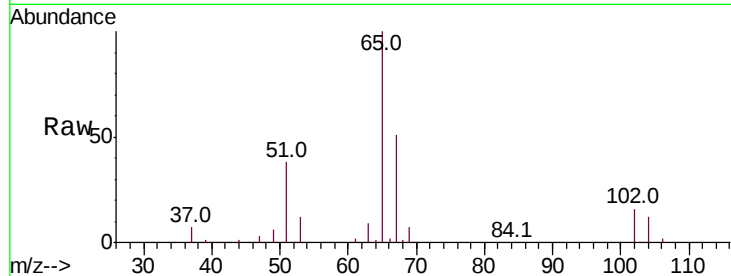
KTS-GW-TB

Tot Ion: 65 Resp: 183180

Ion Ratio Lower Upper

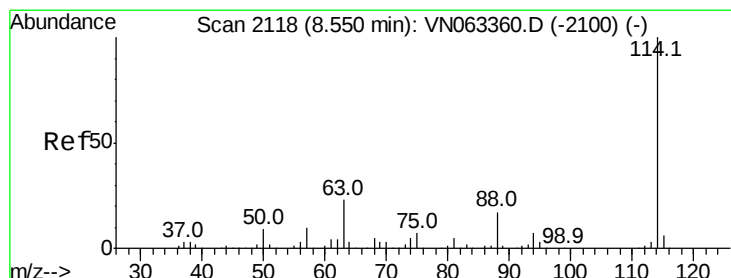
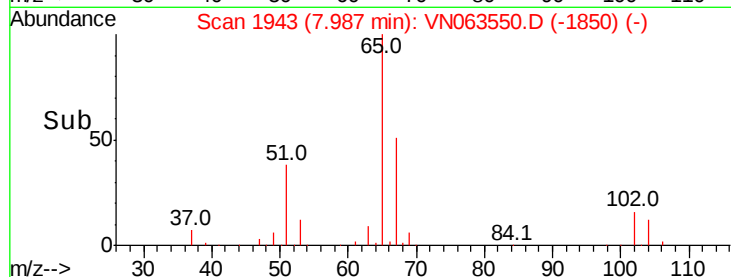
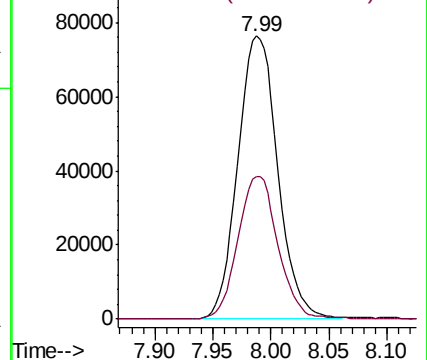
65 100

67 50.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

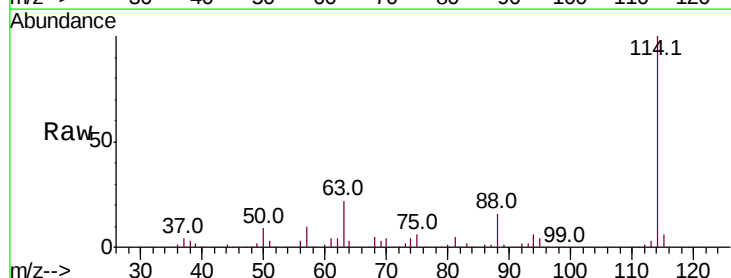
Tgt Ion:114 Resp: 409426

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.4

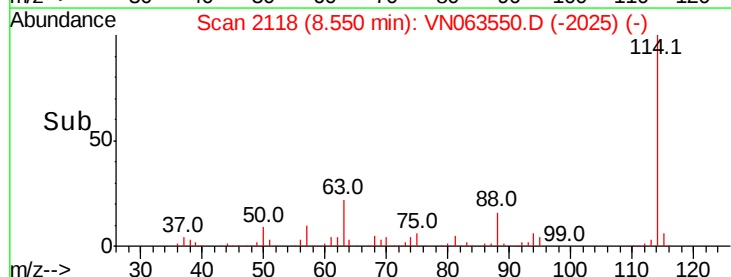
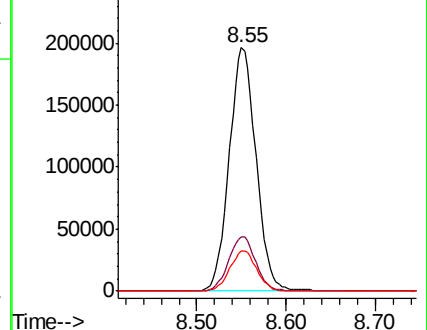
88 16.4 0.0 33.2

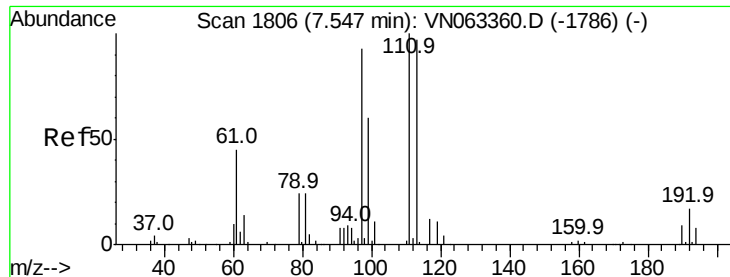


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

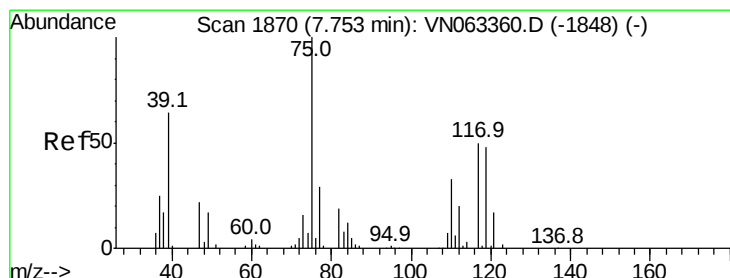
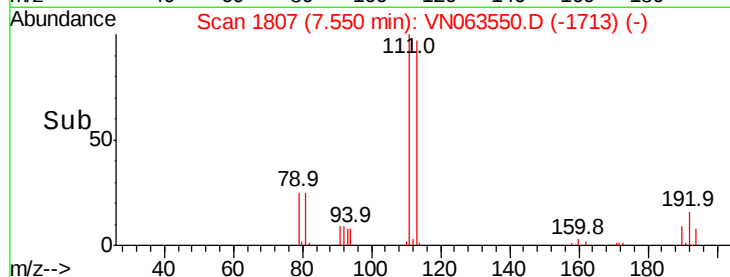
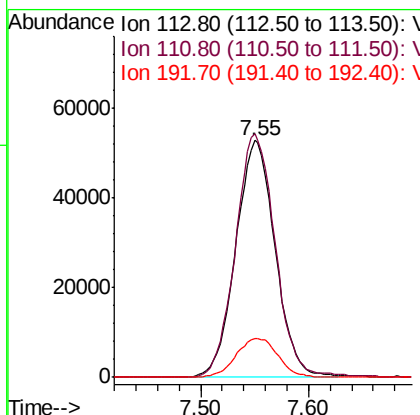
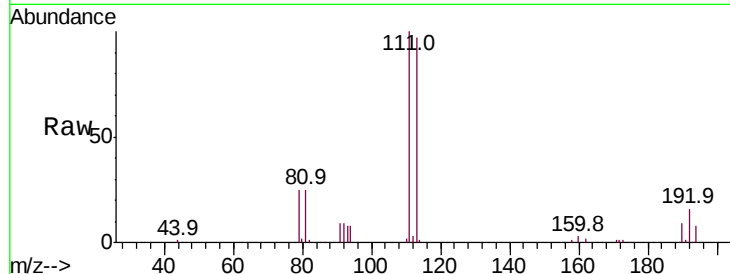




#35
 Dibromofluoromethane
 Concen: 47.410 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063550.D
 Acq: 22 Sep 2020 22:06

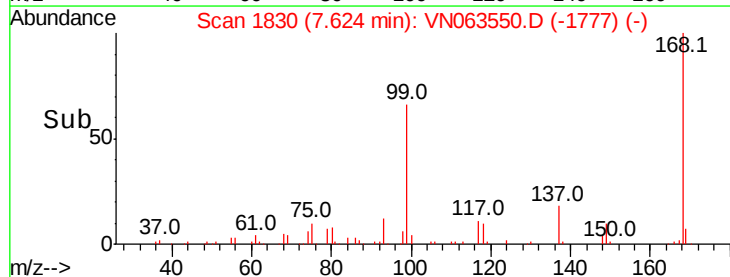
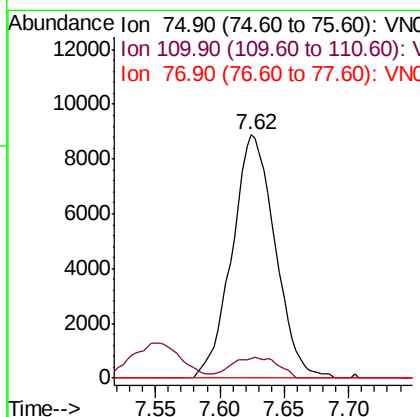
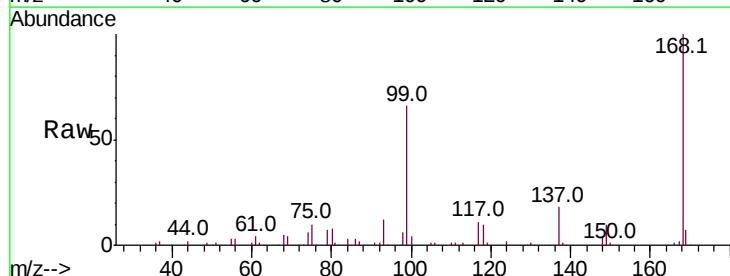
Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-GW-TB

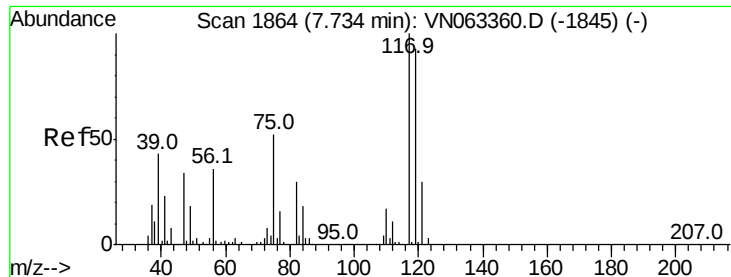
Tot Ion:113 Resp: 134379
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.730 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063550.D
 Acq: 22 Sep 2020 22:06

Tgt Ion: 75 Resp: 20632
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.657 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampled :

KTS-GW-TB

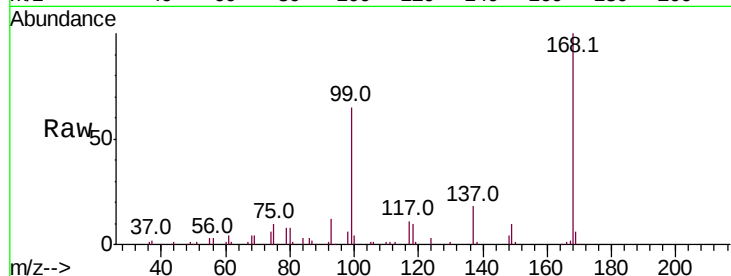
Tot Ion:117 Resp: 25189

Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

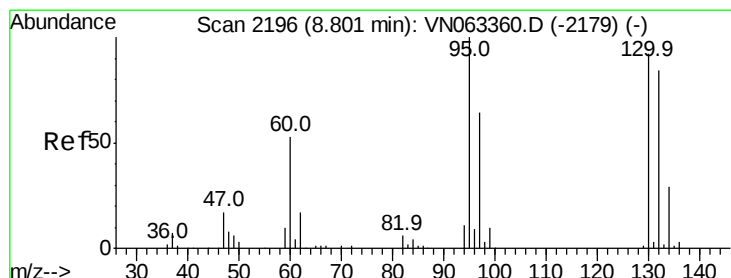
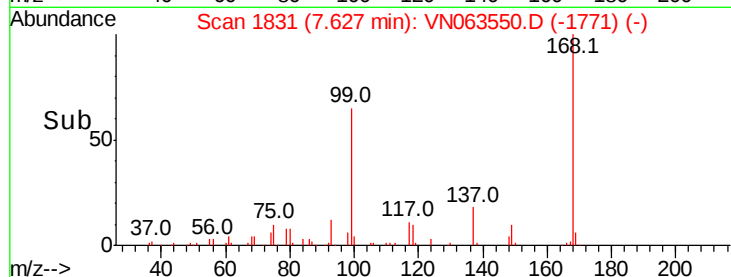
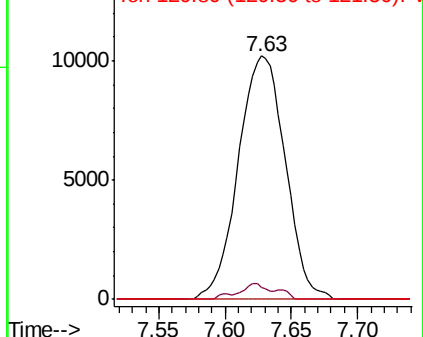
121 0.0 24.1 36.1#



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: 0.319 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063550.D

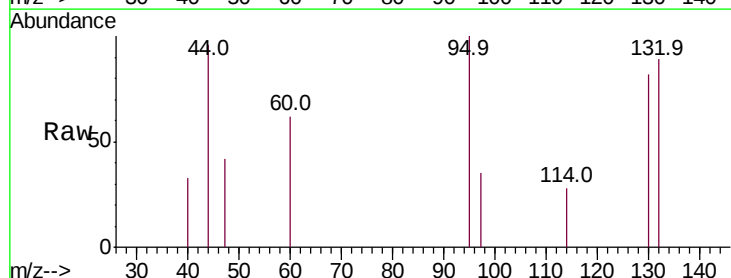
Acq: 22 Sep 2020 22:06

Tgt Ion:130 Resp: 963

Ion Ratio Lower Upper

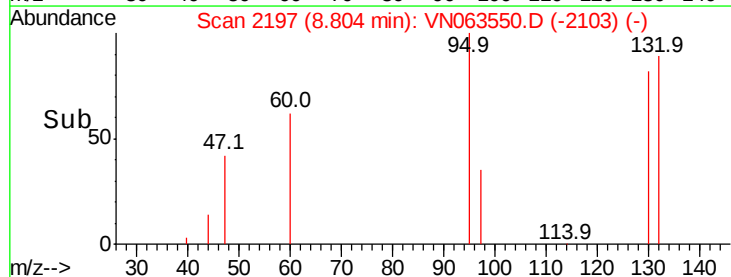
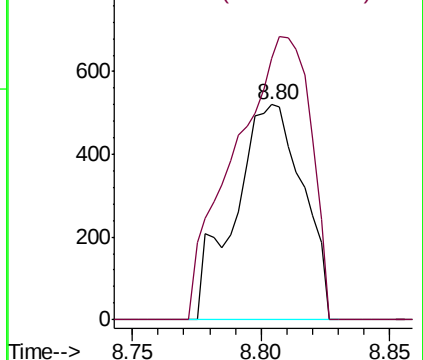
130 100

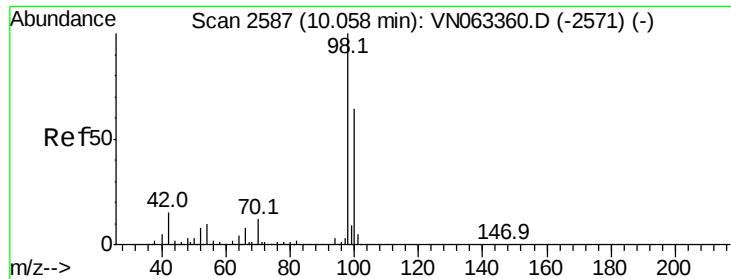
95 121.7 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.986 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

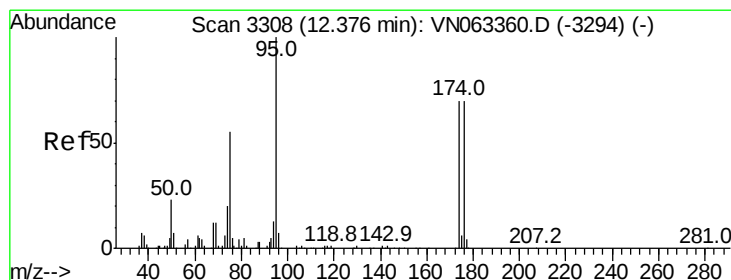
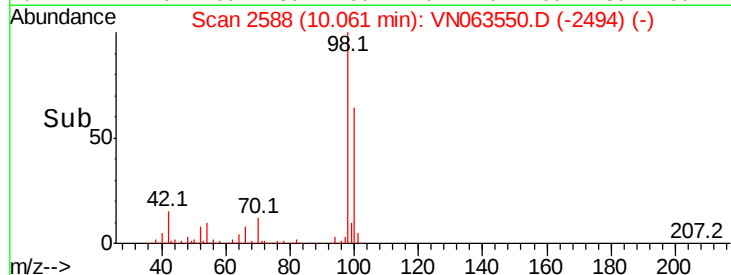
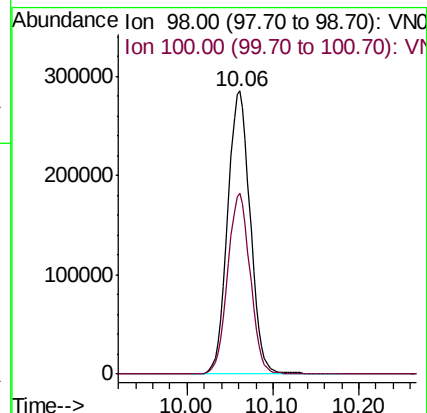
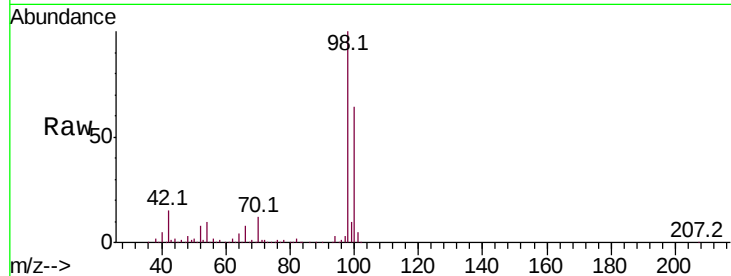
KTS-GW-TB

Tot Ion: 98 Resp: 522077

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.258 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

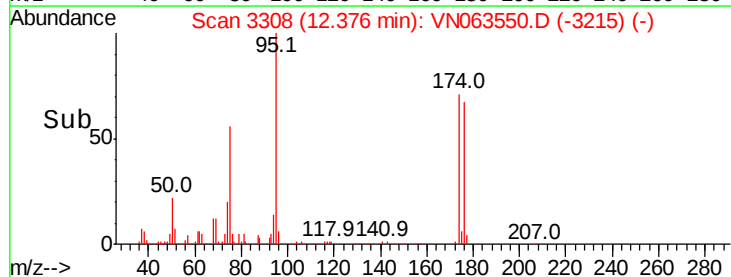
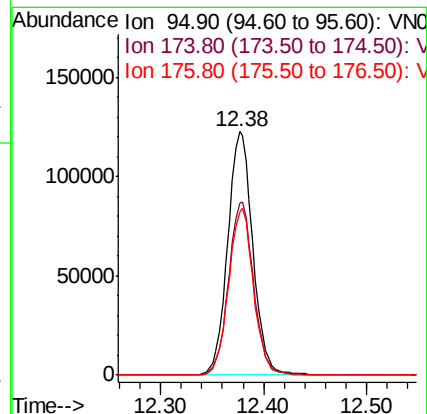
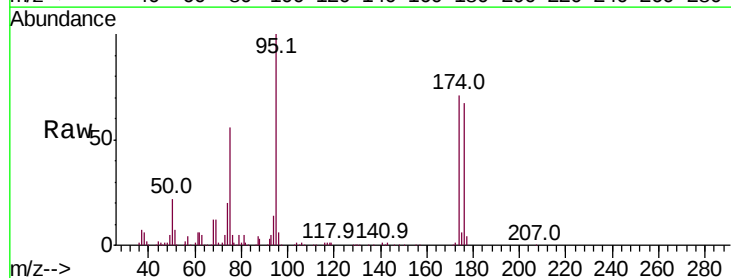
Tgt Ion: 95 Resp: 208077

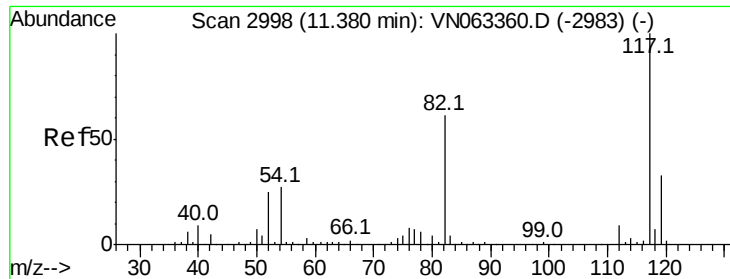
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.8

176 67.7 0.0 137.6

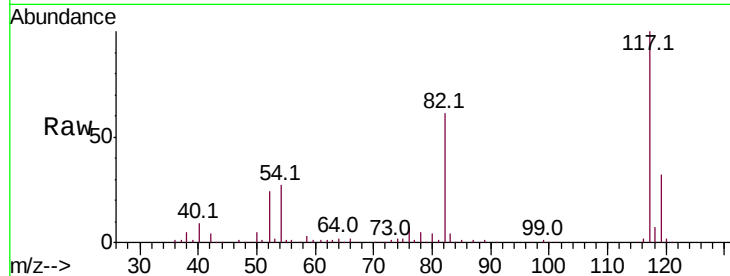




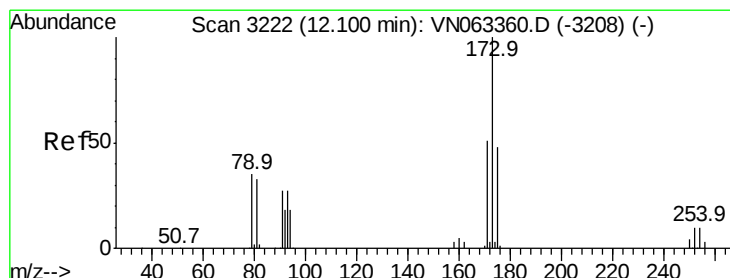
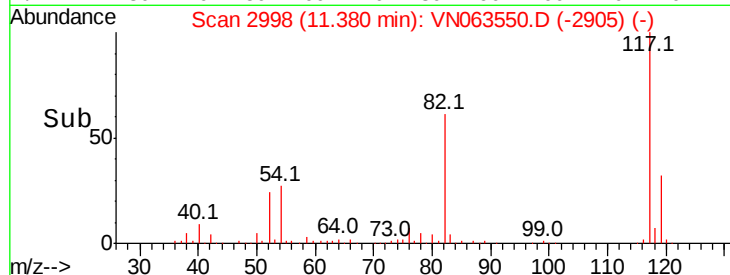
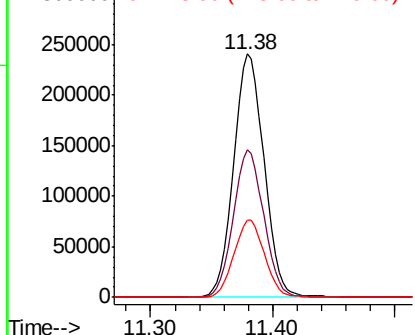
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063550.D
Acq: 22 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampled :
KTS-GW-TB

Tot Ion:117 Resp: 416437
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.6 26.2 39.4

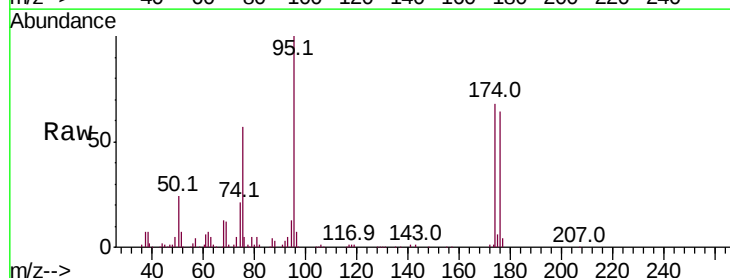


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

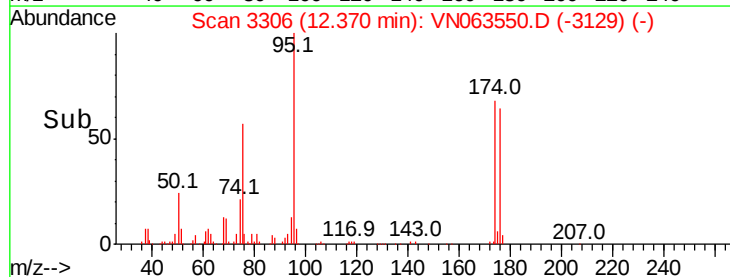
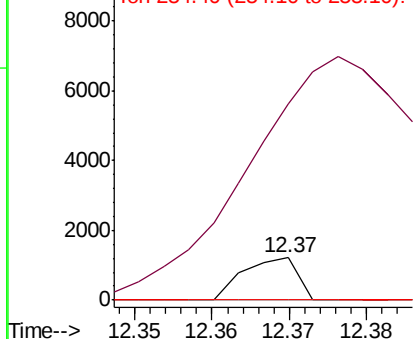


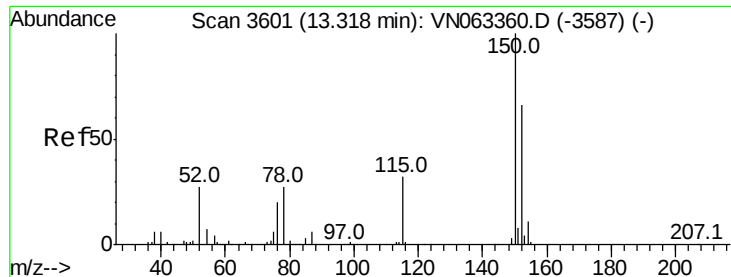
#71
Bromoform
Concen: 0.246 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN063550.D
Acq: 22 Sep 2020 22:06

Tgt Ion:173 Resp: 593
Ion Ratio Lower Upper
173 100
175 1630.0 24.0 72.0#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampled :

KTS-GW-TB

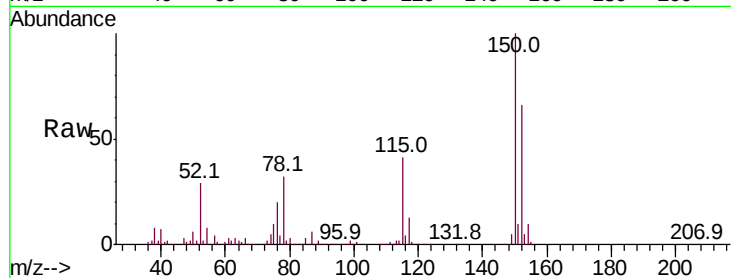
Tot Ion:152 Resp: 176698

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

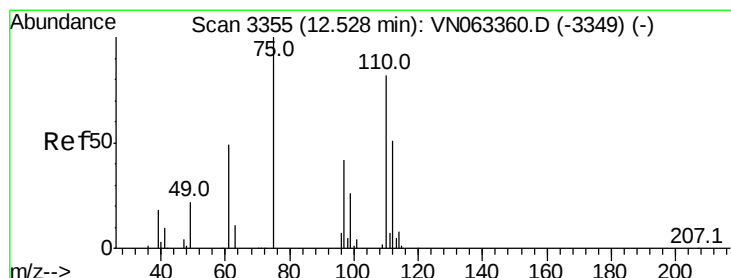
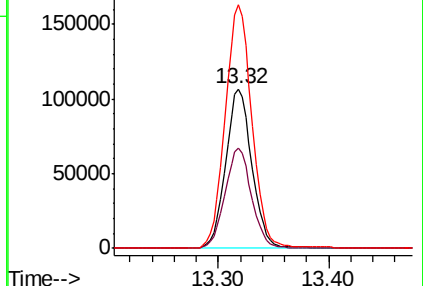
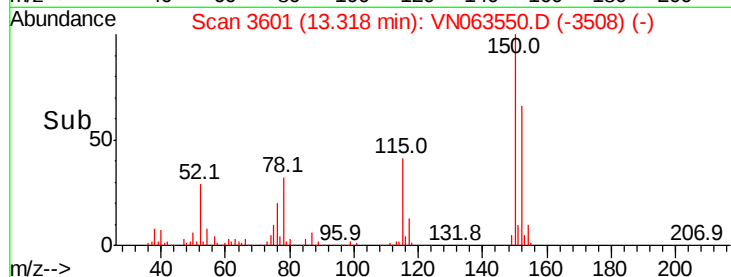
150 154.6 0.0 343.4



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: 26.457 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063550.D

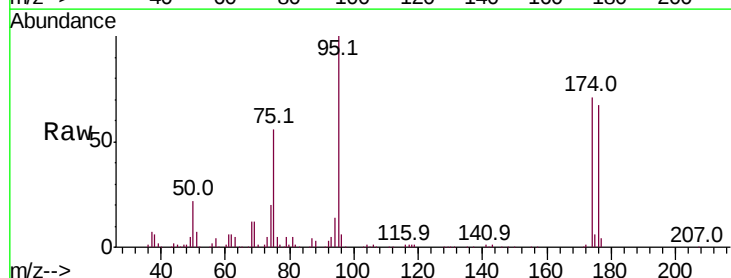
Acq: 22 Sep 2020 22:06

Tgt Ion: 75 Resp: 115712

Ion Ratio Lower Upper

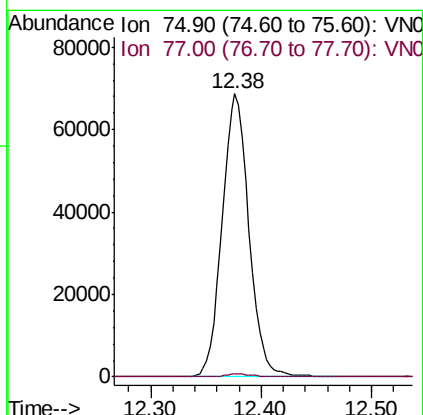
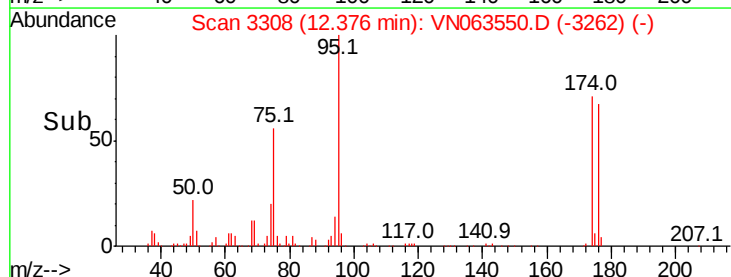
75 100

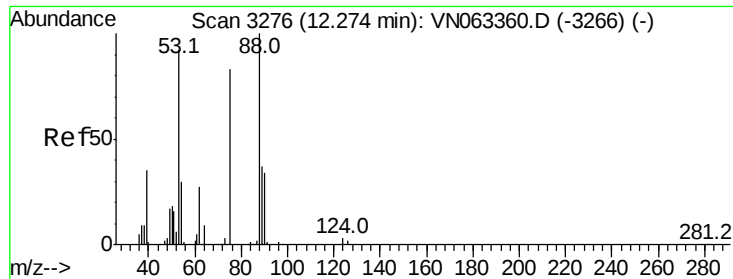
77 1.1 0.0 0.0#



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: 72.536 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

KTS-GW-TB

Tot Ion: 75 Resp: 115712

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

