

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063992.D
 Acq On : 8 Oct 2020 15:42
 Operator : JC/MD
 Sample : L4255-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-SW204-20200930

Quant Time: Oct 09 04:04:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180952	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	204552	50.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.50%	
35) Dibromofluoromethane	7.55	113	151931	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
50) Toluene-d8	10.06	98	564707	49.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.38	95	214091	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	

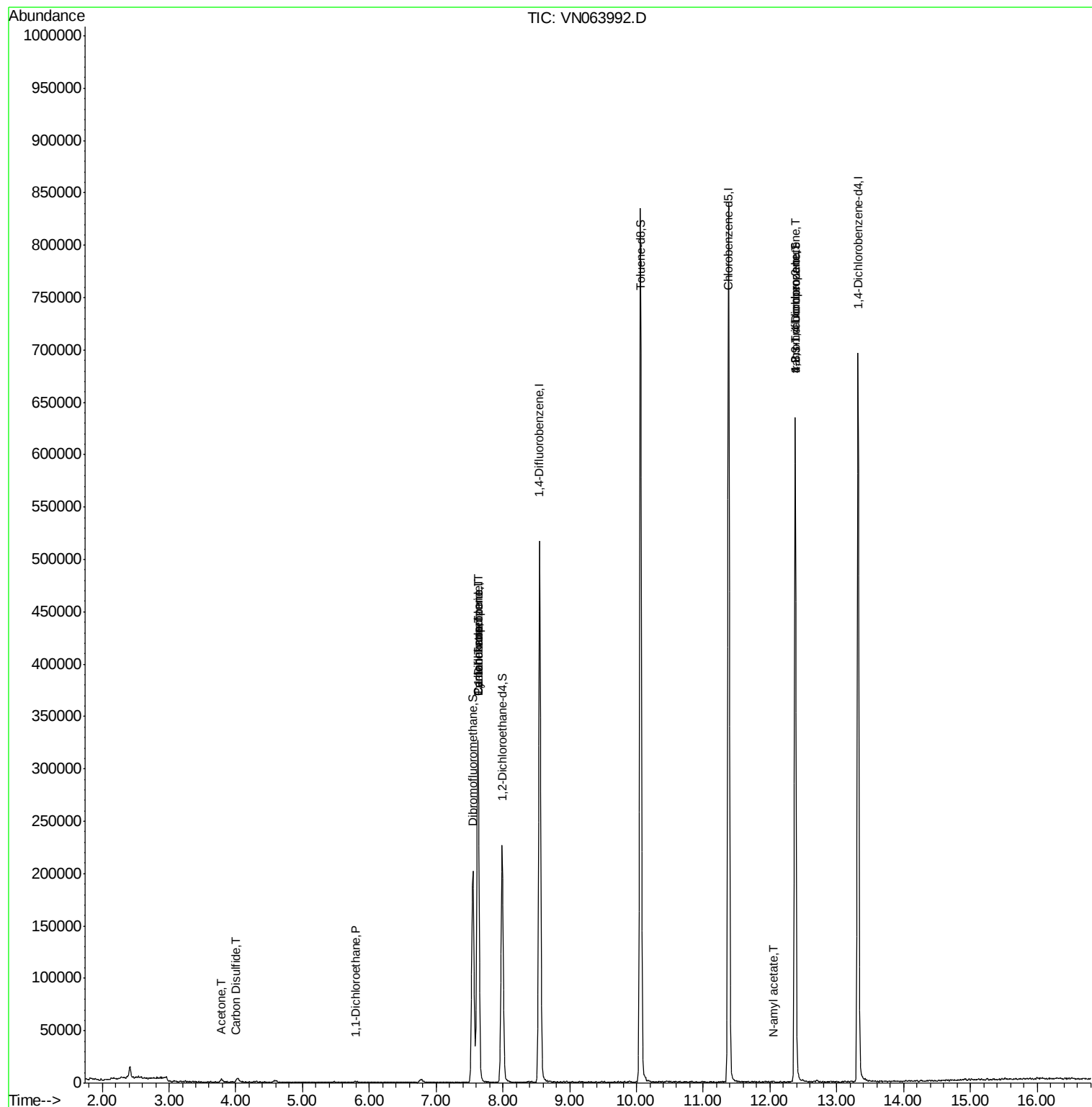
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3038	2.424	ug/l	91
17) Carbon Disulfide	3.99	76	150	0.723	ug/l #	76
24) 1,1-Dichloroethane	5.79	63	1276	0.235	ug/l #	86
31) Cyclohexane	7.62	56	6139	1.299	ug/l #	35
36) 1,1-Dichloropropene	7.63	75	21194	4.793	ug/l #	52
38) Carbon Tetrachloride	7.62	117	26571	5.359	ug/l #	13
74) N-amyl acetate	12.04	43	338	2.269	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	112292	28.151	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112292	81.080	ug/l #	6

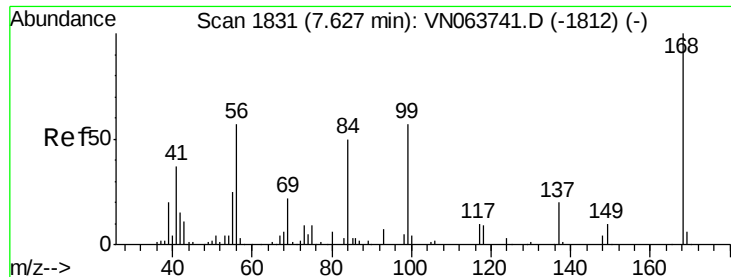
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063992.D

Acq: 8 Oct 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

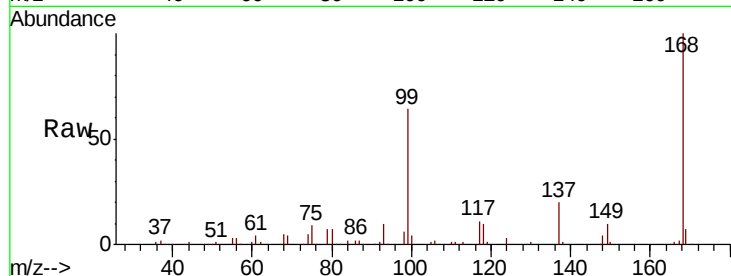
SA-SW204-20200930

Tot Ion:168 Resp: 246414

Ion Ratio Lower Upper

168 100

99 63.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

100000

80000

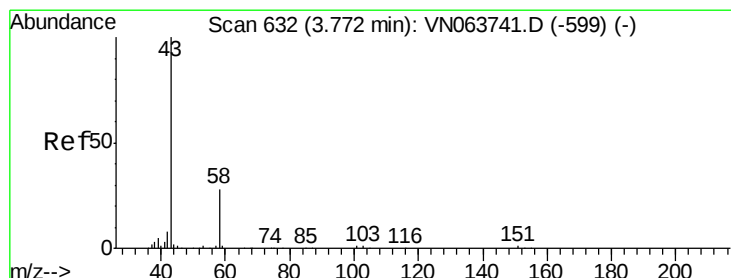
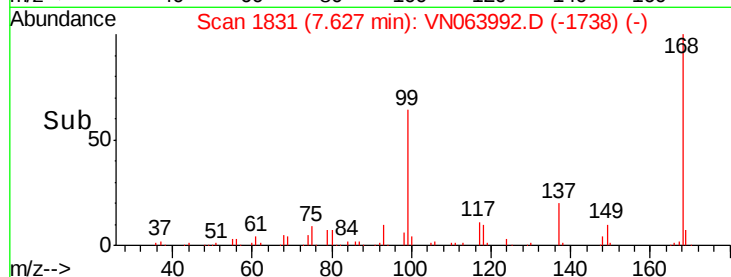
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.424 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063992.D

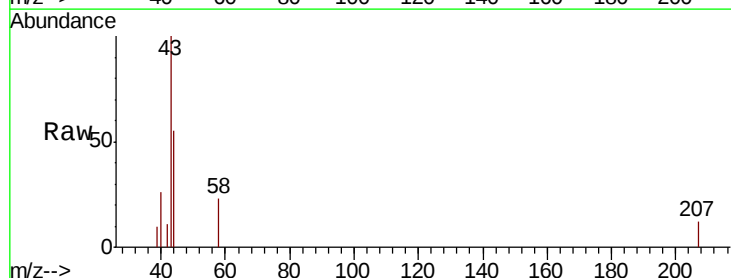
Acq: 8 Oct 2020 15:42

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

43 100

58 23.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.78

2000

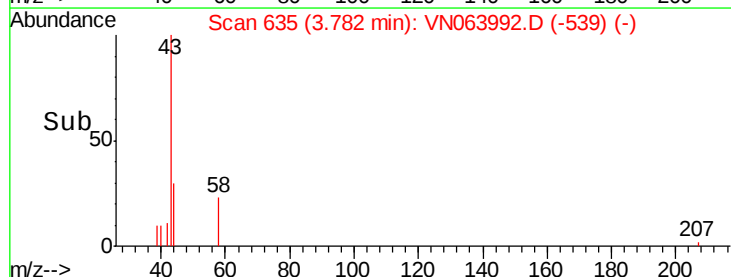
1500

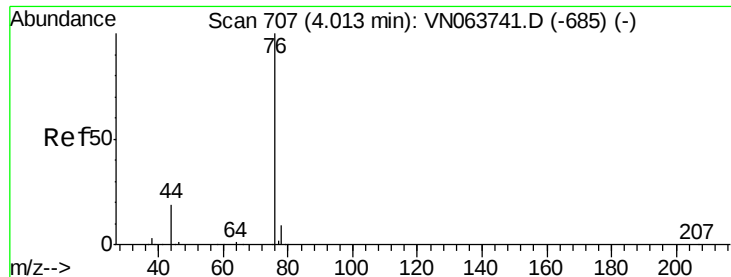
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 0.723 ug/l

RT: 3.99 min Scan# 701

Delta R.T. -0.02 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

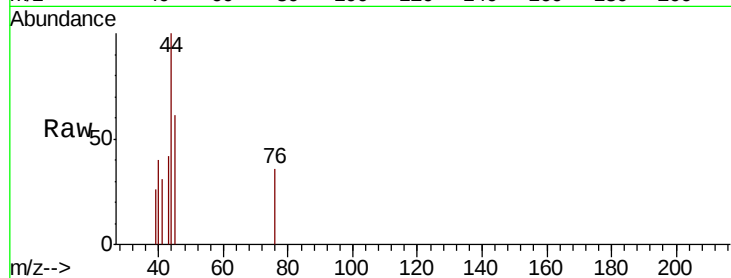
SA-SW204-20200930

Tot Ion: 76 Resp: 150

Ion Ratio Lower Upper

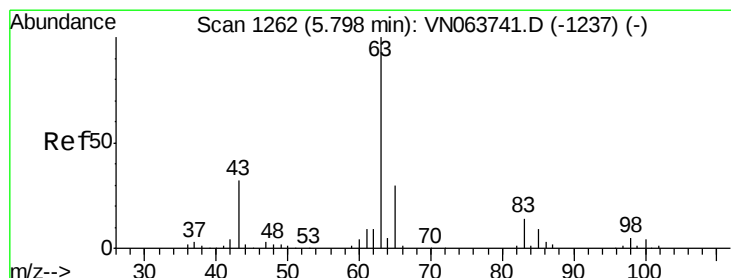
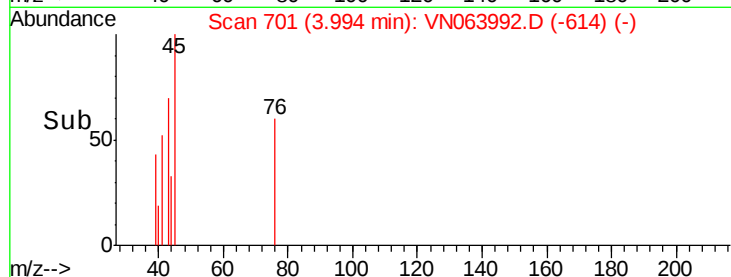
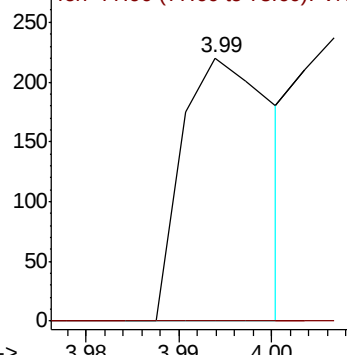
76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#24

1,1-Dichloroethane

Concen: 0.235 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

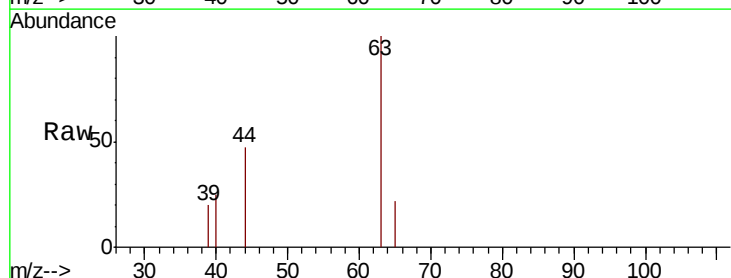
Tgt Ion: 63 Resp: 1276

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

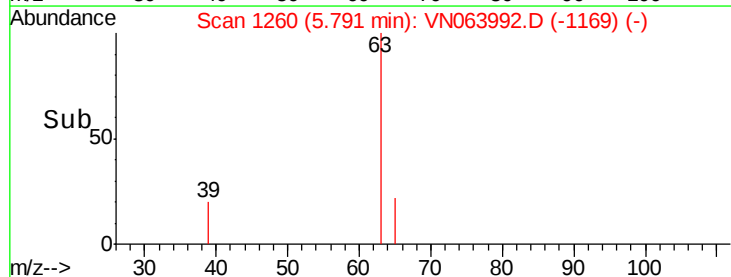
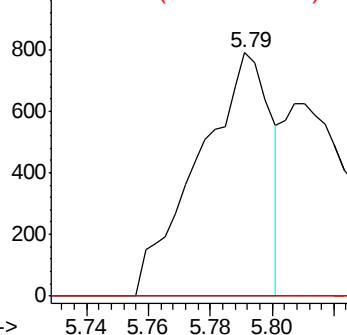
100 0.0 1.9 5.7#

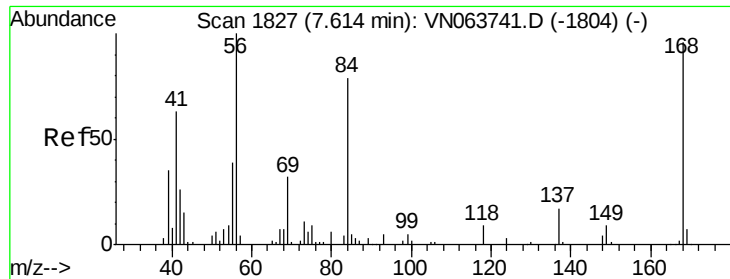


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

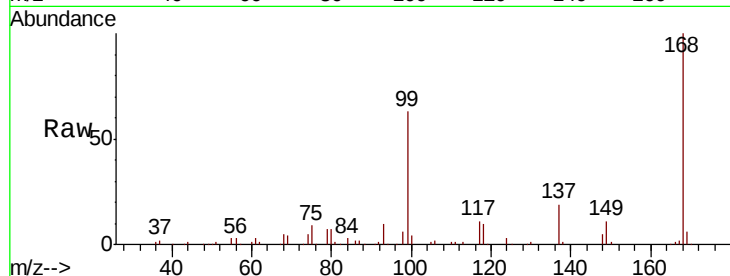




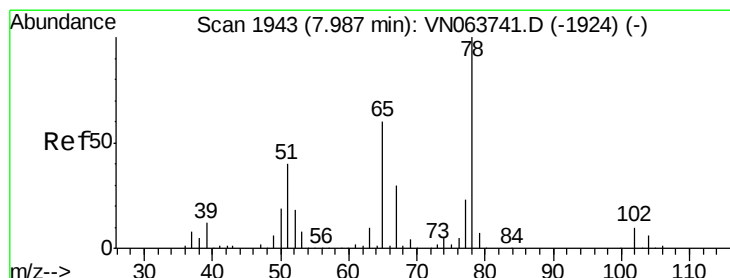
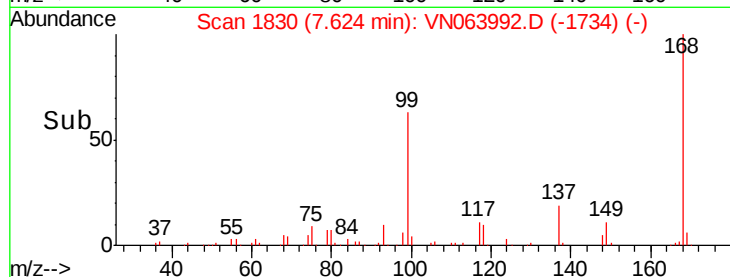
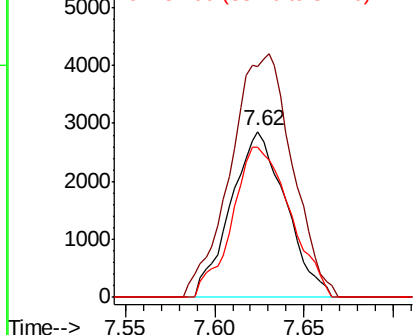
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

Instrument :
MSVOA_N
ClientSampleId :
SA-SW204-20200930

Tot Ion: 56 Resp: 6139
Ion Ratio Lower Upper
56 100
69 139.4 25.4 38.2#
84 90.3 63.3 94.9

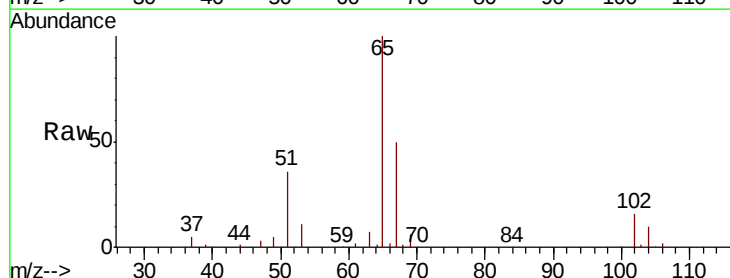


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

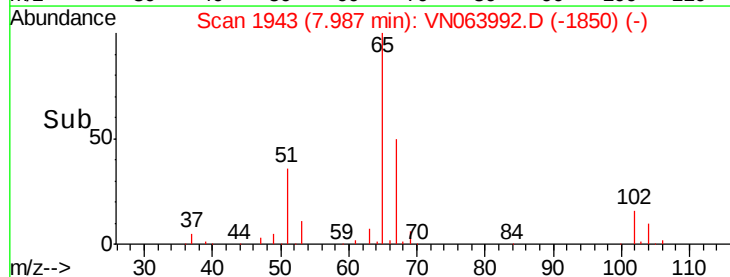
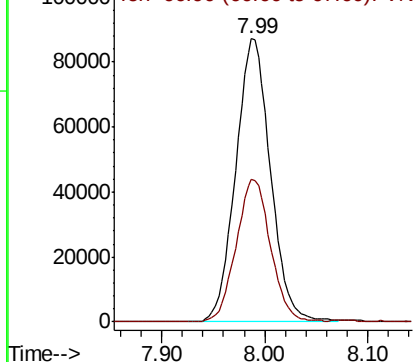


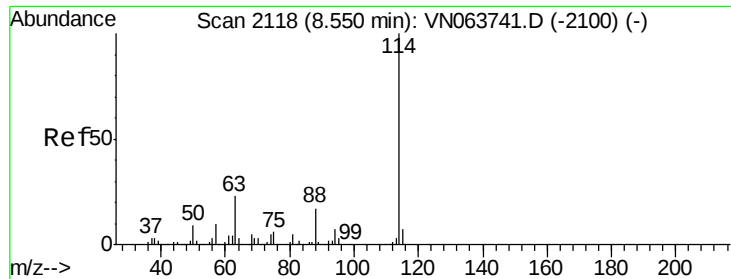
#33
1,2-Dichloroethane-d4
Concen: 50.247 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

Tgt Ion: 65 Resp: 204552
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

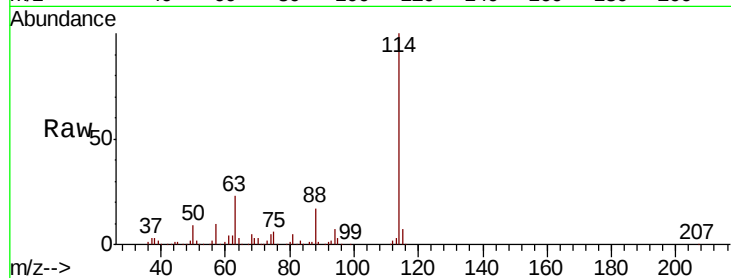




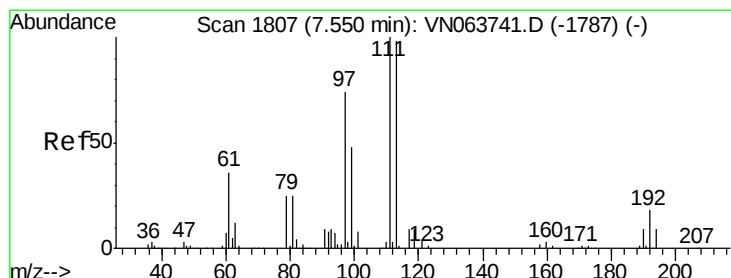
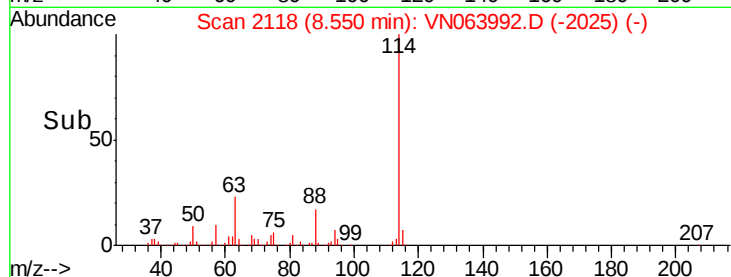
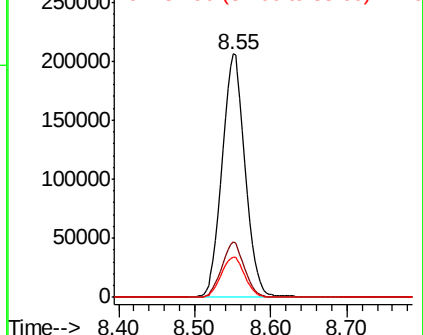
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

Instrument :
MSVOA_N
ClientSampleId :
SA-SW204-20200930

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.0
88	16.6	0.0	34.0

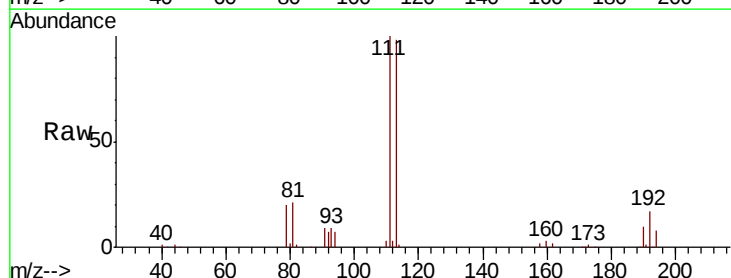


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

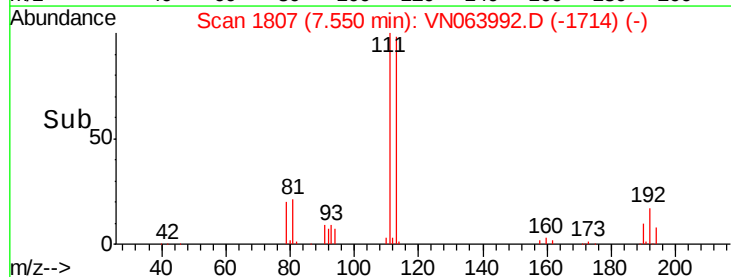
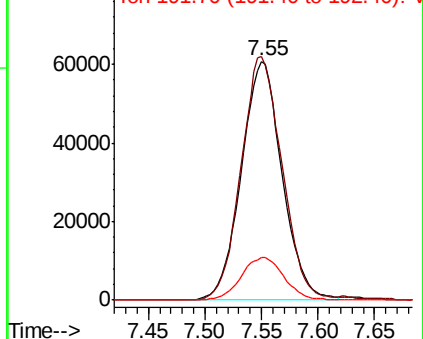


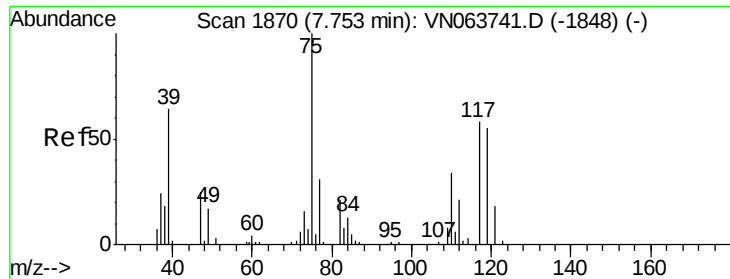
#35
Dibromofluoromethane
Concen: 50.167 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	18.7	14.2	21.2



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

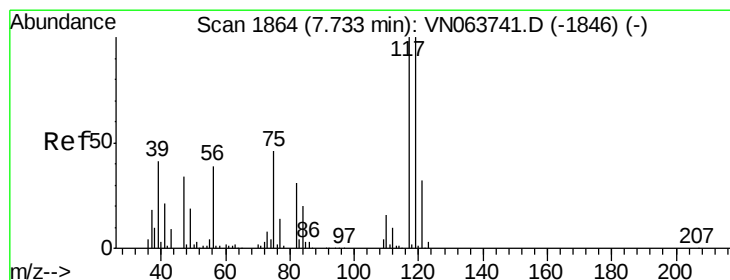
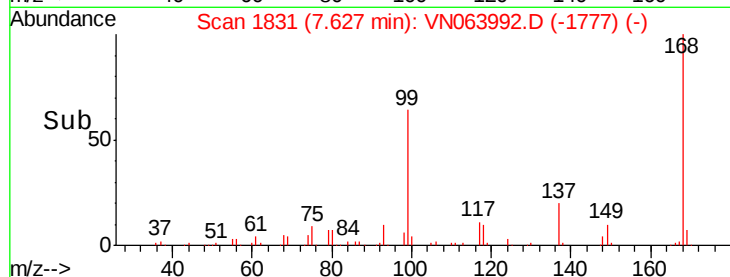
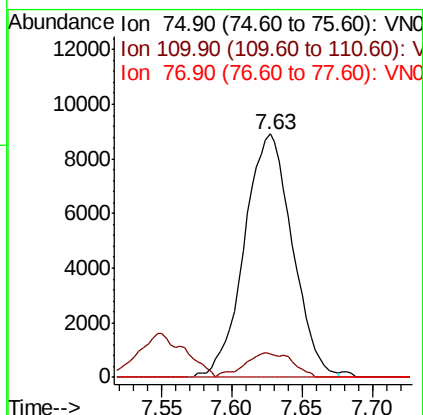
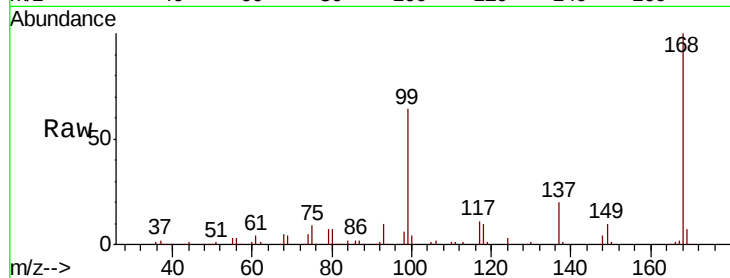




#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063992.D
 Acq: 8 Oct 2020 15:42

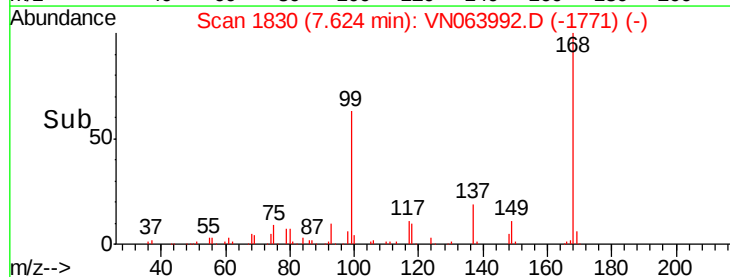
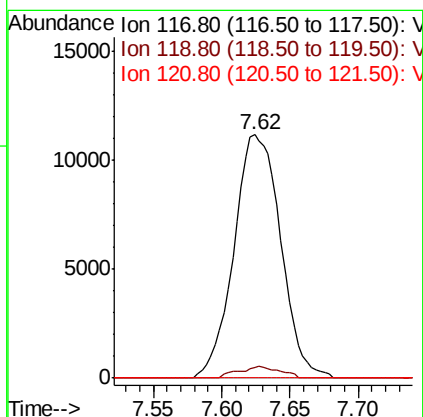
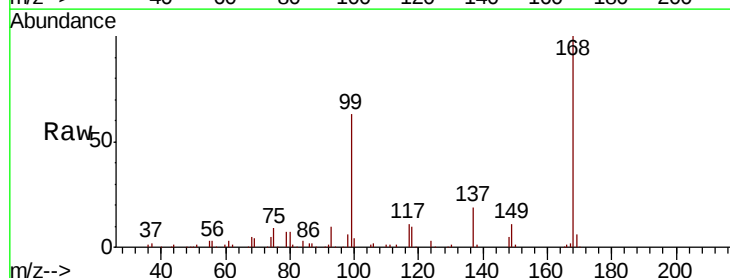
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-SW204-20200930

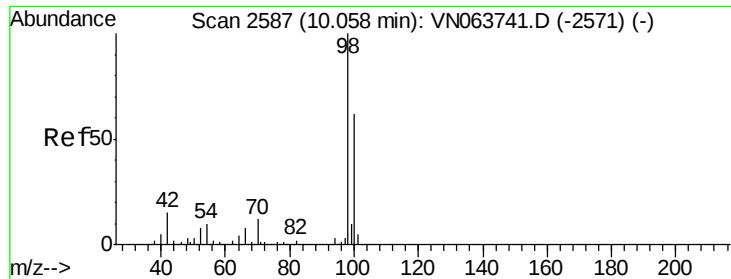
Tot Ion: 75 Resp: 21194
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.359 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063992.D
 Acq: 8 Oct 2020 15:42

Tgt Ion: 117 Resp: 26571
 Ion Ratio Lower Upper
 117 100
 119 4.2 80.1 120.1#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 49.187 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

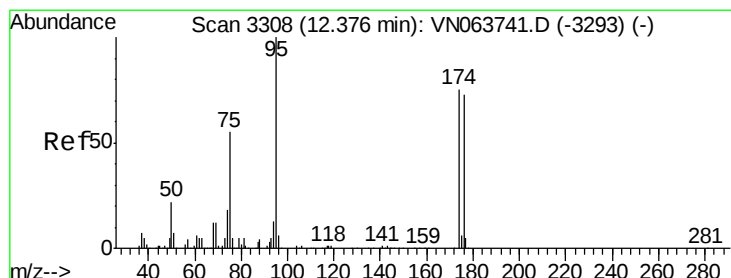
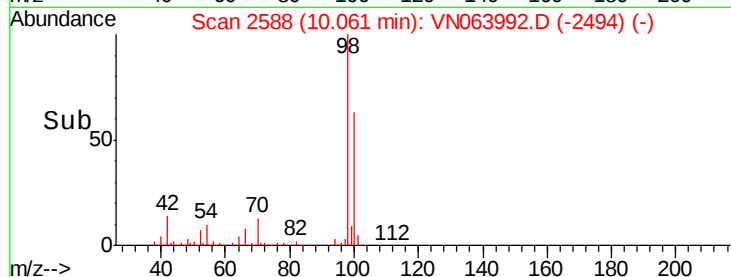
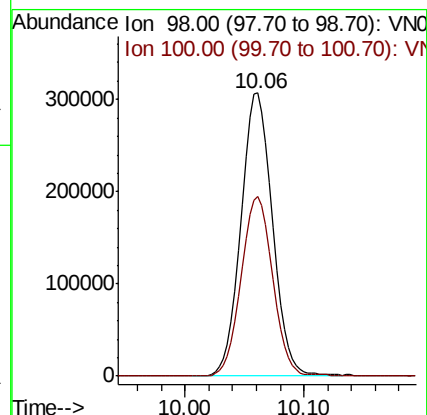
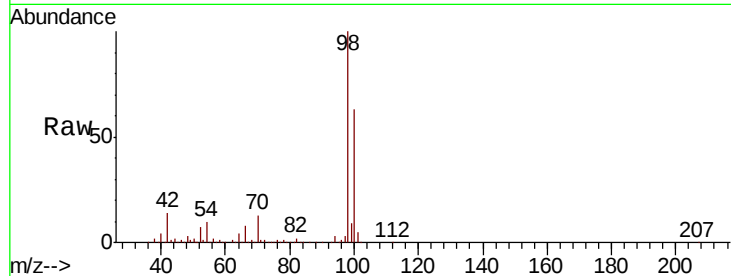
SA-SW204-20200930

Tot Ion: 98 Resp: 564707

Ion Ratio Lower Upper

98 100

100 63.8 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 49.607 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

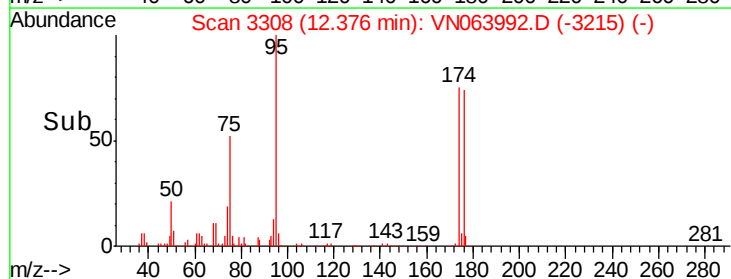
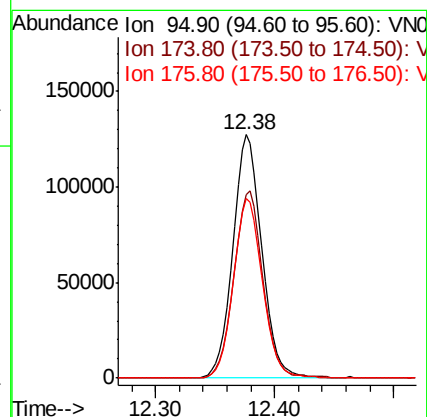
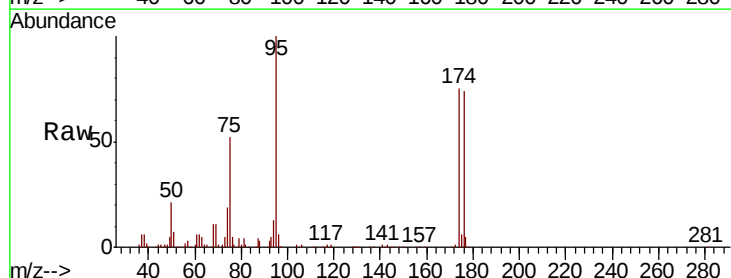
Tgt Ion: 95 Resp: 214091

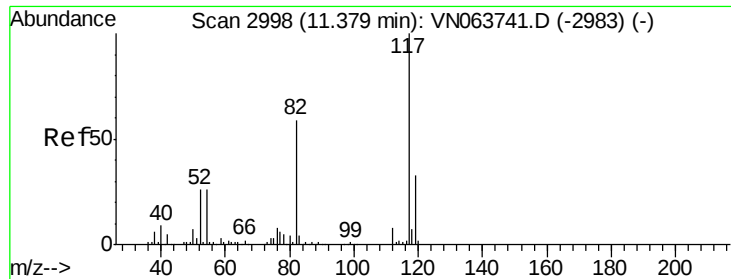
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 74.4 0.0 145.4

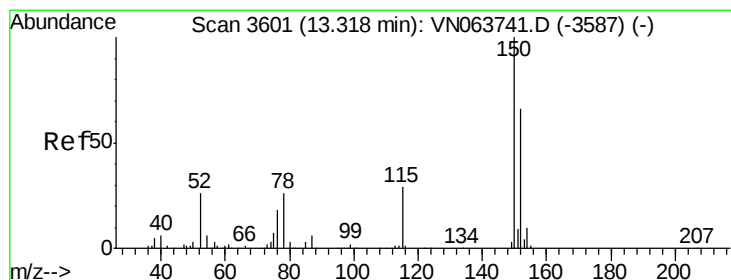
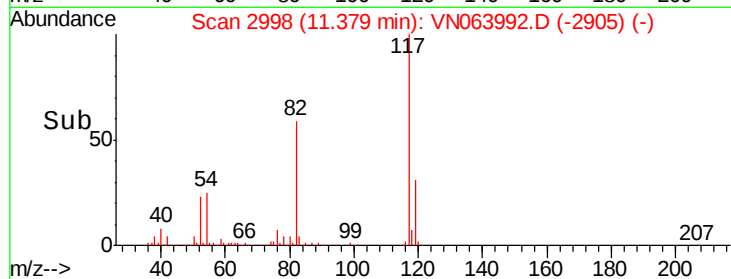
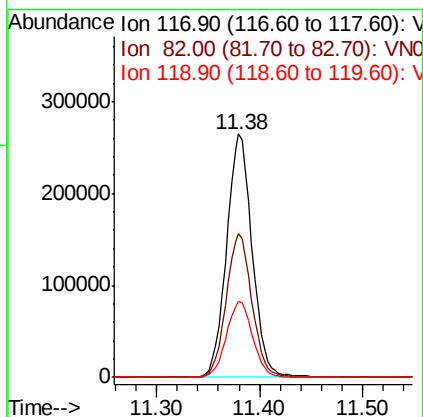
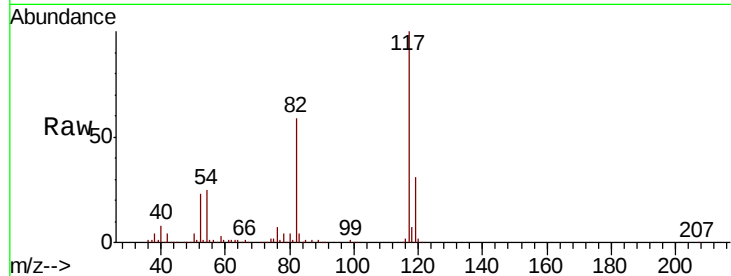




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

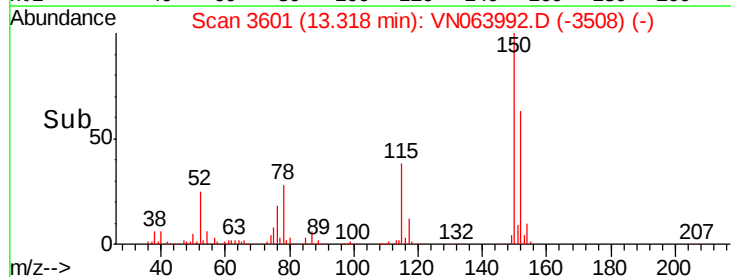
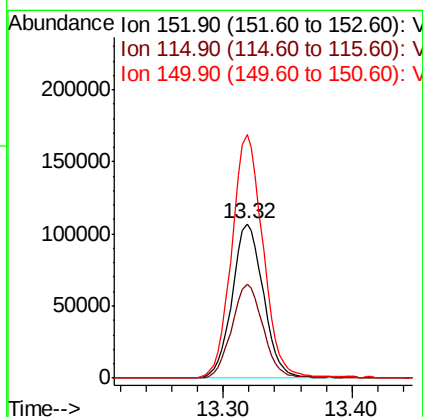
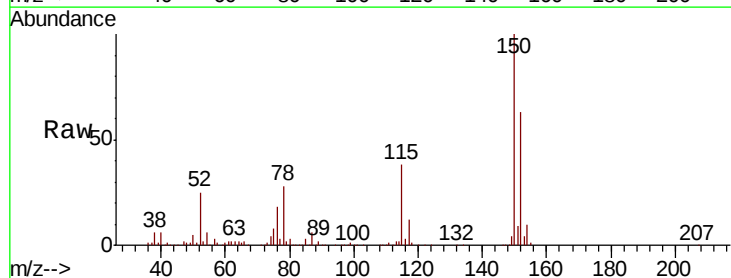
Instrument :
MSVOA_N
ClientSampleId :
SA-SW204-20200930

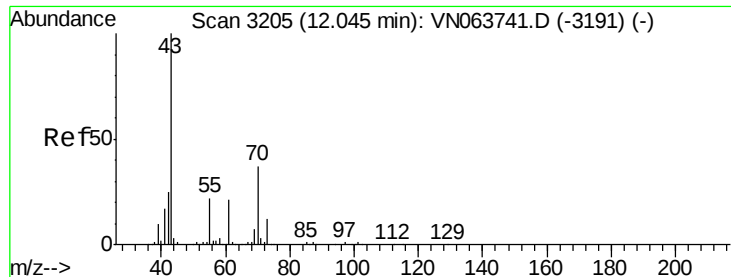
Tot Ion:117 Resp: 457734
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063992.D
Acq: 8 Oct 2020 15:42

Tgt Ion:152 Resp: 180952
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.8 0.0 341.8





#74

N-amyl acetate

Concen: 2.269 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

SA-SW204-20200930

Tot Ion: 43 Resp: 338

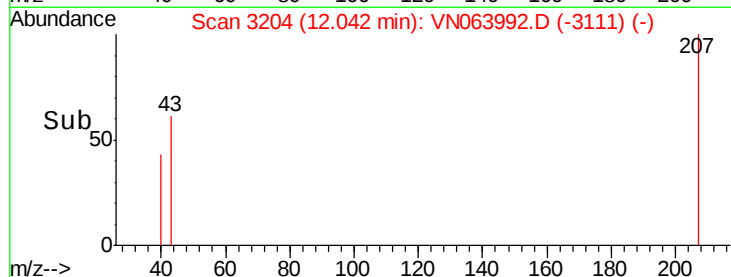
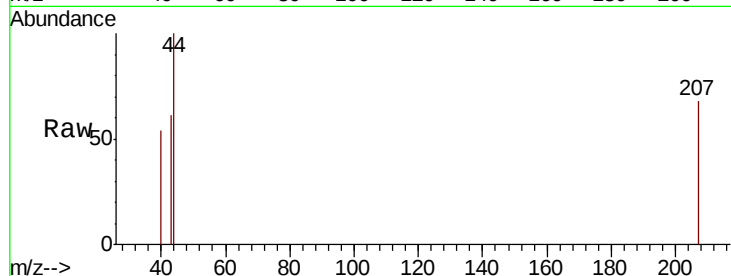
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

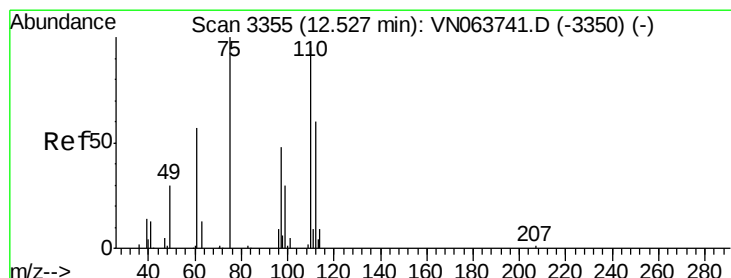
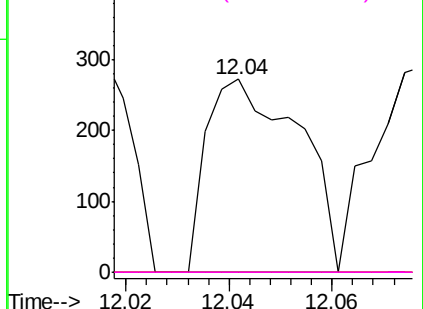


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 28.151 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063992.D

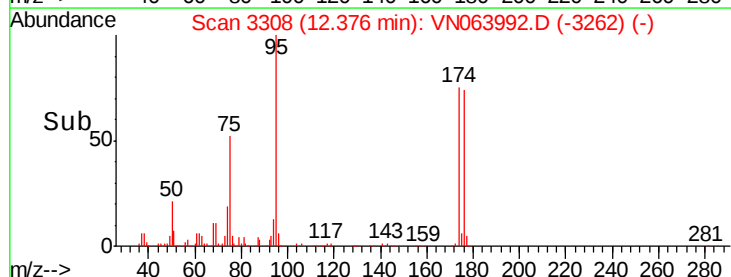
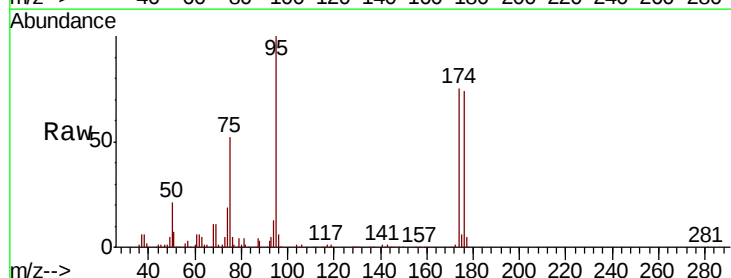
Acq: 8 Oct 2020 15:42

Tgt Ion: 75 Resp: 112292

Ion Ratio Lower Upper

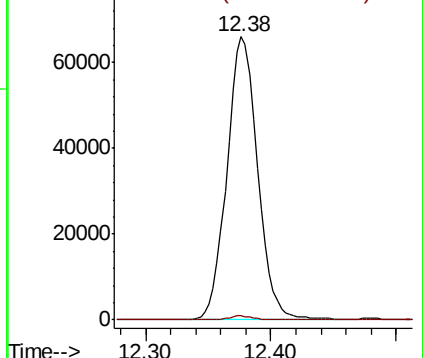
75 100

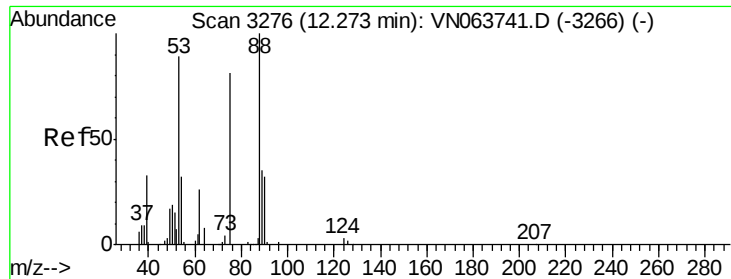
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 81.080 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063992.D

Acq: 8 Oct 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

SA-SW204-20200930

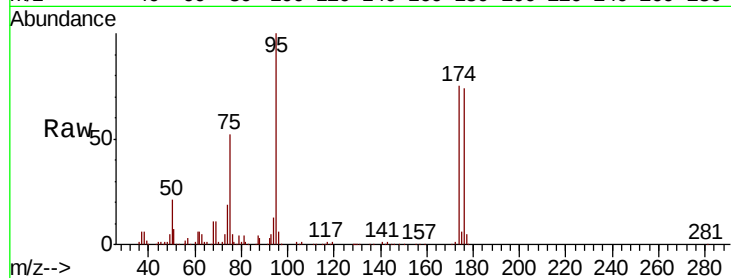
Tot Ion: 75 Resp: 112292

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.0 36.0 54.0#



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

