

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063946.D
 Acq On : 7 Oct 2020 16:31
 Operator : JC/MD
 Sample : L4293-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-17-MW-4

Quant Time: Oct 08 05:01:38 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	233079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175977	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	205327	53.32	ug/l	0.00
Spiked Amount						
			Recovery	=	106.64%	
35) Dibromofluoromethane	7.55	113	149135	50.63	ug/l	0.00
Spiked Amount						
			Recovery	=	101.26%	
50) Toluene-d8	10.06	98	543838	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	211014	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	

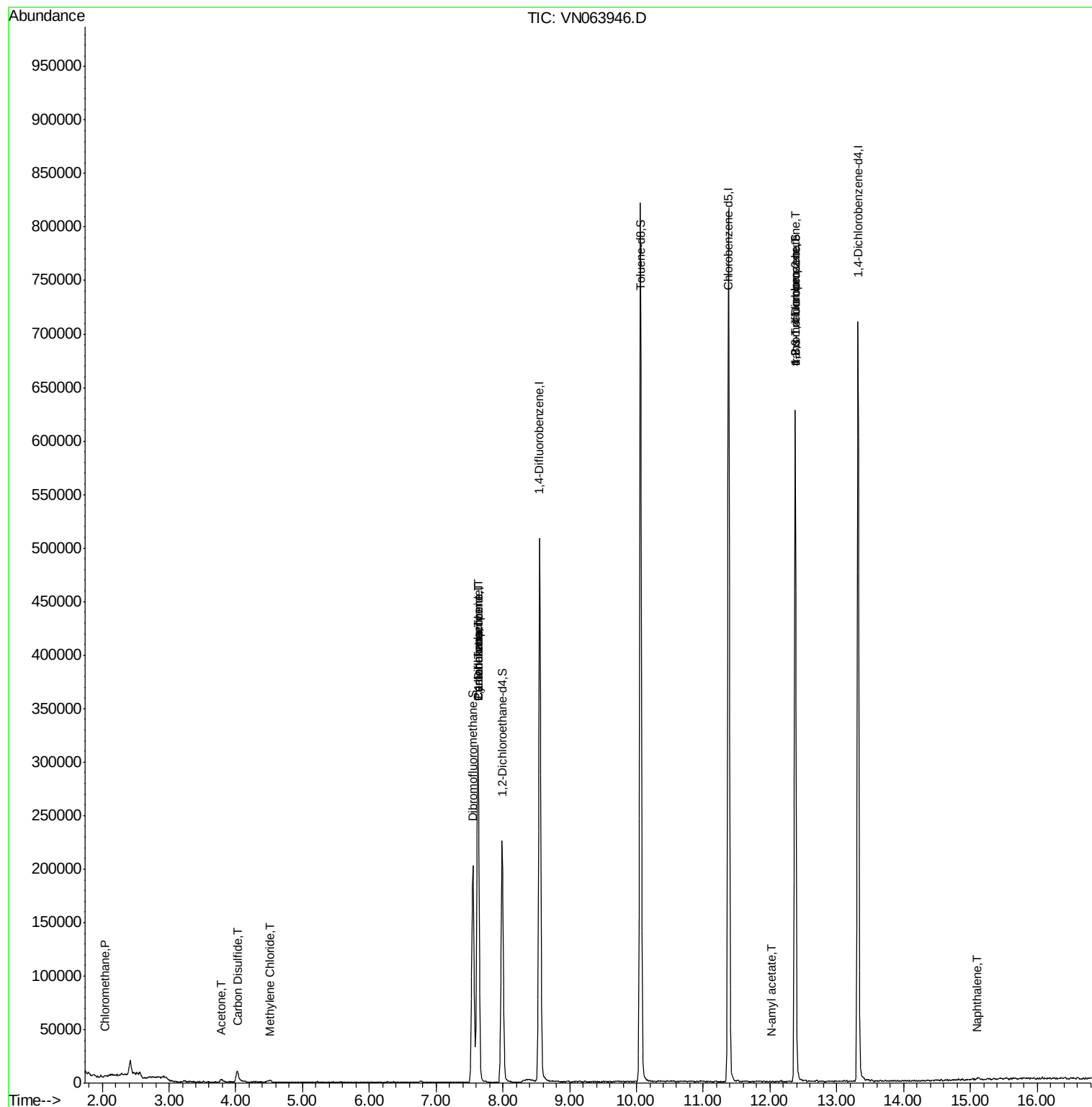
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1149	0.398	ug/l	92
16) Acetone	3.78	43	4371	3.688	ug/l	90
17) Carbon Disulfide	4.02	76	848	0.832	ug/l #	76
20) Methylene Chloride	4.51	84	1608	0.689	ug/l #	54
31) Cyclohexane	7.63	56	6382	1.428	ug/l #	31
36) 1,1-Dichloropropene	7.62	75	21887	5.089	ug/l #	51
38) Carbon Tetrachloride	7.62	117	26107	5.414	ug/l #	15
74) N-amyl acetate	12.04	43	431	2.285	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	115627	29.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115627	85.848	ug/l #	6
95) Naphthalene	15.11	128	2140	2.141	ug/l #	75

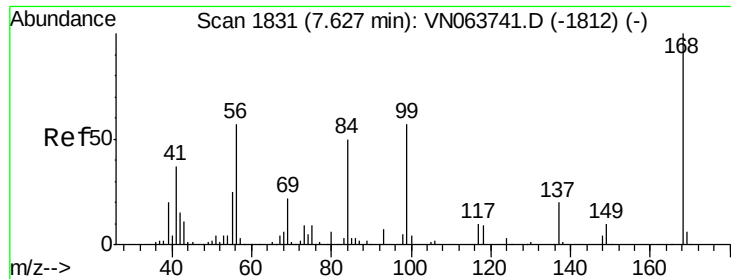
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063946.D
Acq On : 7 Oct 2020 16:31
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Sample : L4293-07
Misc : 5.00mL/MSVOA N/WATER
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ClientSampleId :
B-17-MW-4

Quant Time: Oct 08 05:01:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
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: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

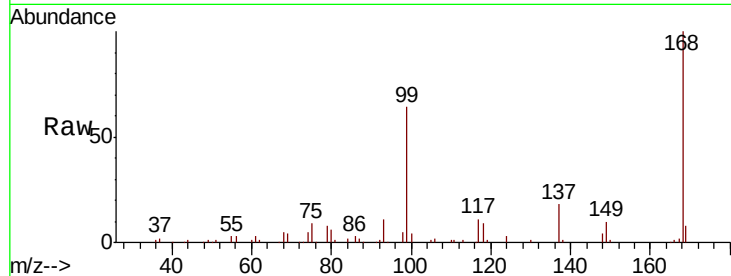
B-17-MW-4

Tot Ion:168 Resp: 233079

Ion Ratio Lower Upper

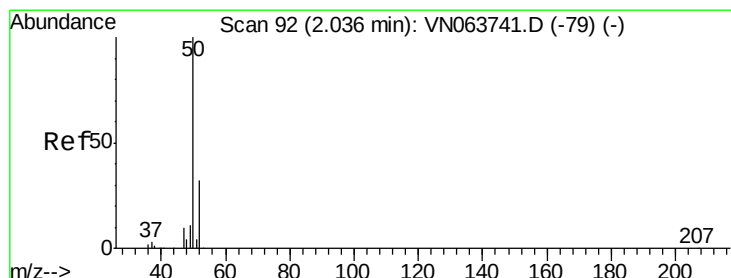
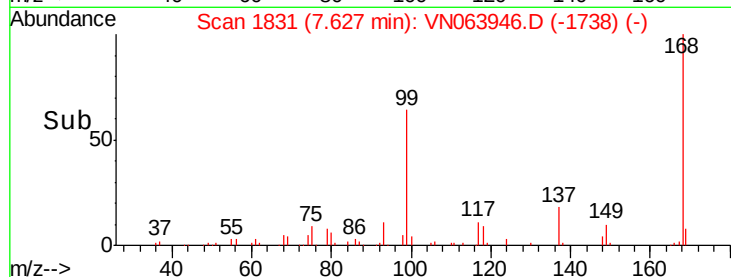
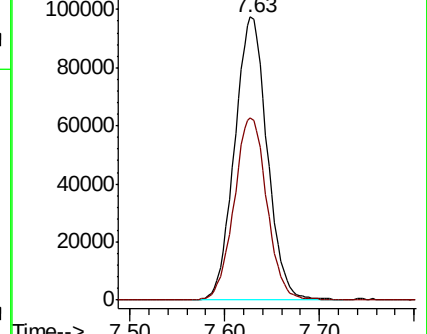
168 100

99 64.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.398 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063946.D

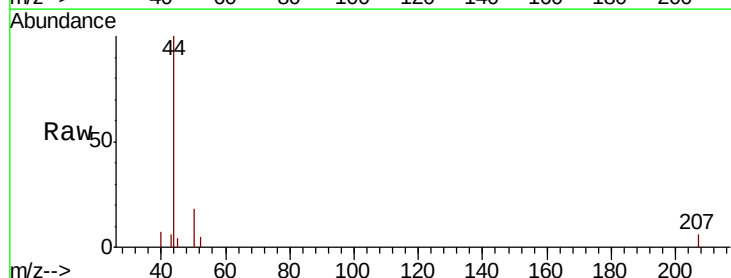
Acq: 7 Oct 2020 16:31

Tgt Ion: 50 Resp: 1149

Ion Ratio Lower Upper

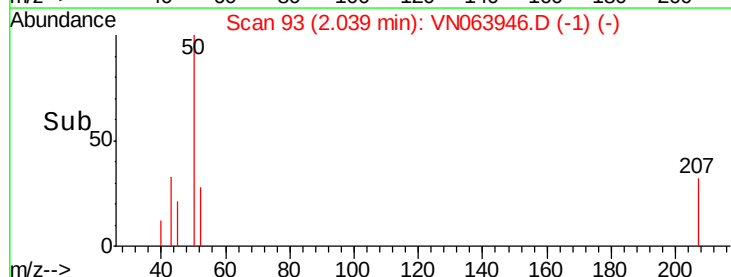
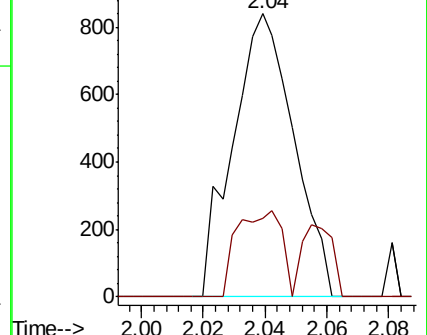
50 100

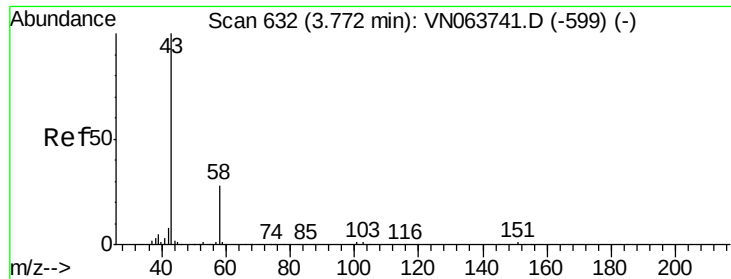
52 27.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 3.688 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

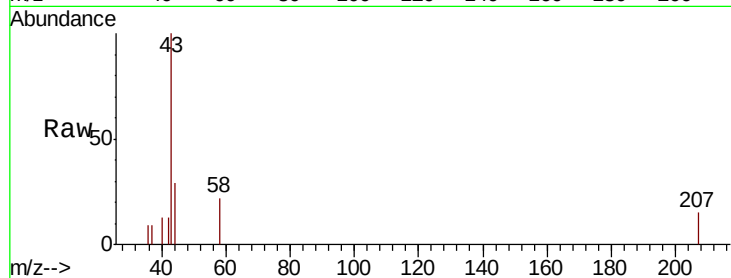
B-17-MW-4

Tot Ion: 43 Resp: 4371

Ion Ratio Lower Upper

43 100

58 22.5 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

1500

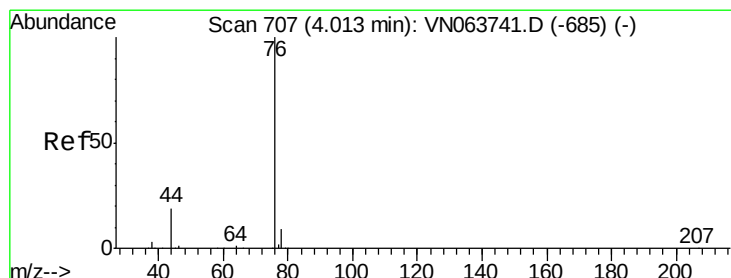
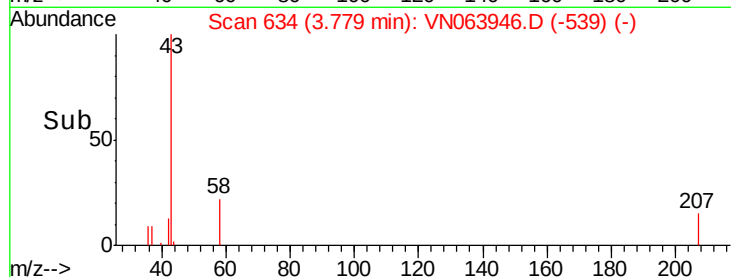
1000

500

0

Time-->

3.70 3.75 3.80 3.85



#17

Carbon Disulfide

Concen: 0.832 ug/l

RT: 4.02 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN063946.D

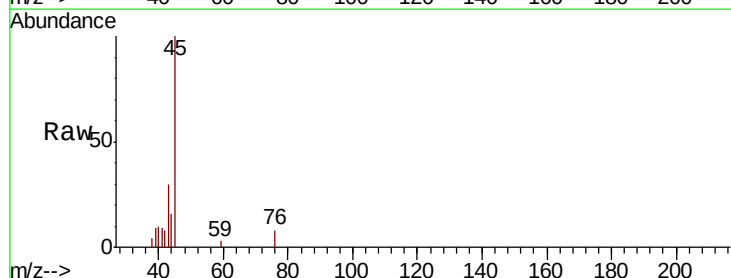
Acq: 7 Oct 2020 16:31

Tgt Ion: 76 Resp: 848

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.02

500

400

300

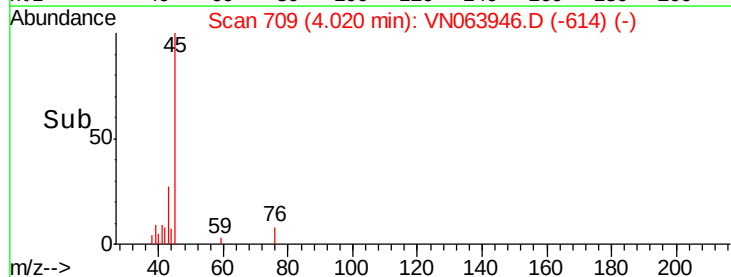
200

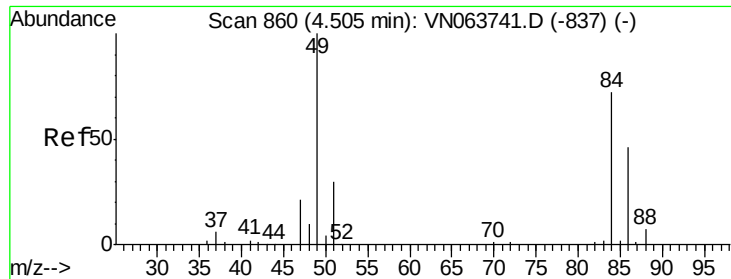
100

0

Time-->

3.98 4.00 4.02 4.04

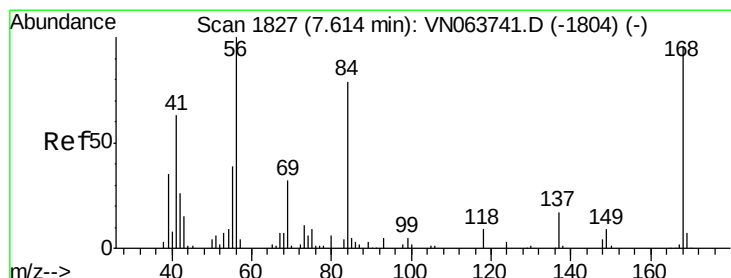
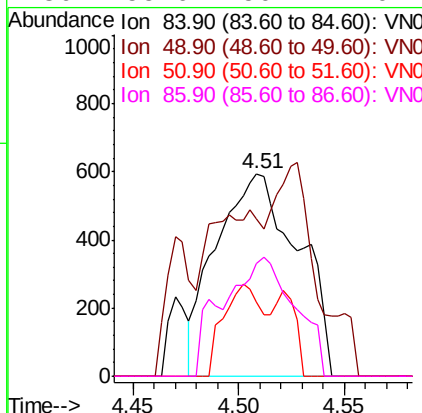
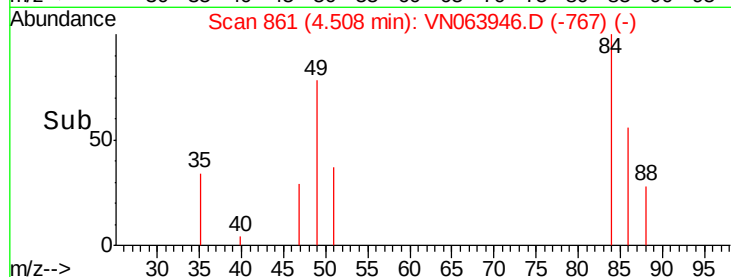
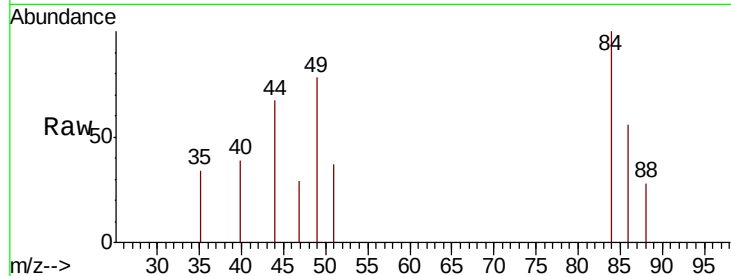




#20
Methvlene Chloride
Concen: 0.689 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063946.D
Acq: 7 Oct 2020 16:31

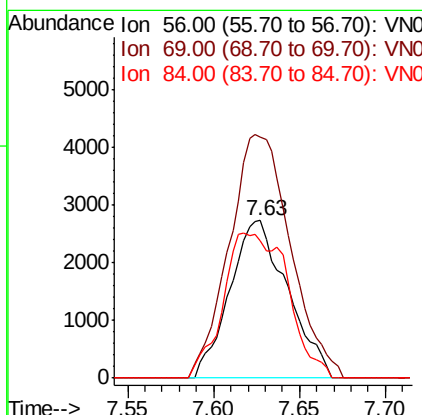
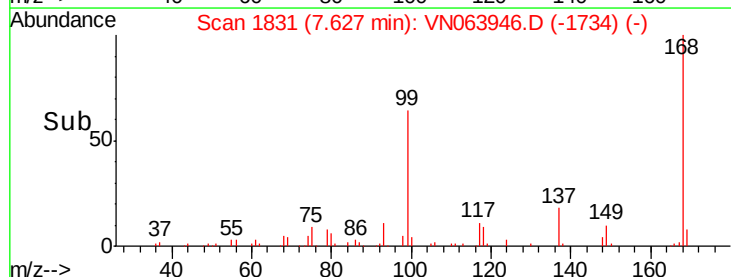
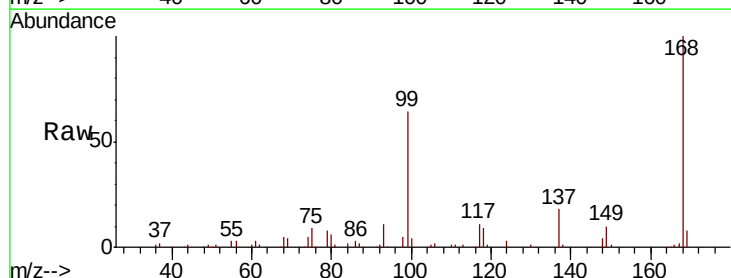
Instrument :
MSVOA_N
ClientSampled :
B-17-MW-4

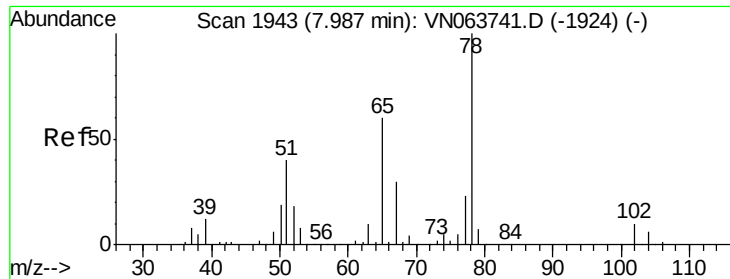
Tot Ion:	84	Resp:	1608
Ion	Ratio	Lower	Upper
84	100		
49	47.9	110.4	165.6#
51	36.8	33.3	49.9
86	55.6	50.7	76.1



#31
Cyclohexane
Concen: 1.428 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063946.D
Acq: 7 Oct 2020 16:31

Tgt Ion:	56	Resp:	6382
Ion	Ratio	Lower	Upper
56	100		
69	153.2	25.4	38.2#
84	87.4	63.3	94.9





#33

1,2-Dichloroethane-d4

Concen: 53.323 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

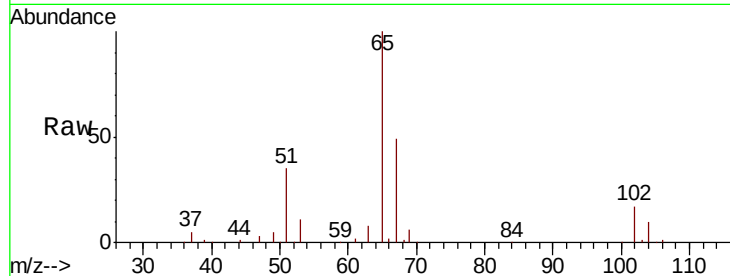
B-17-MW-4

Tot Ion: 65 Resp: 205327

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

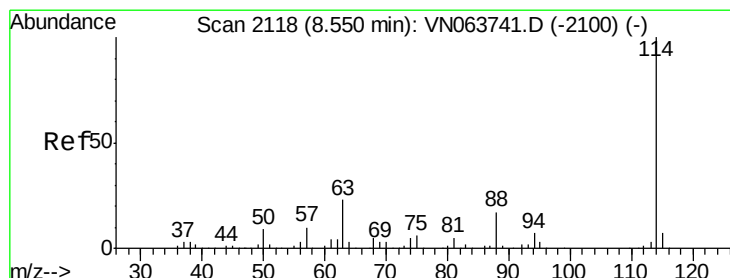
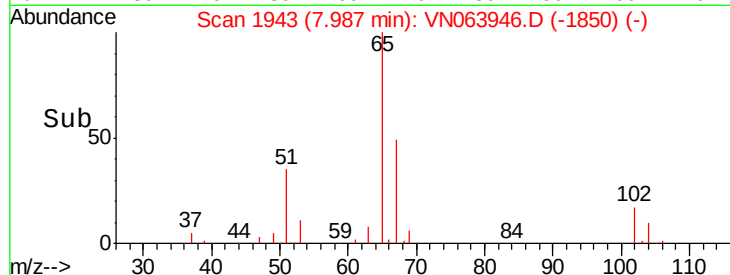
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

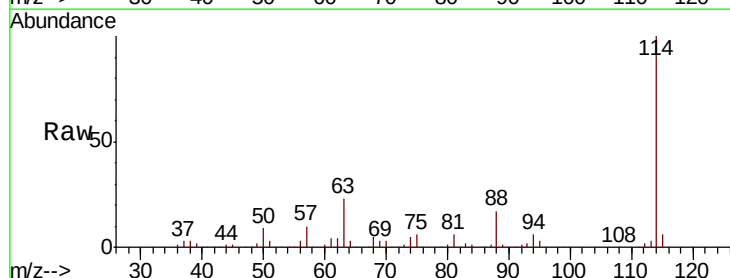
Tgt Ion: 114 Resp: 424507

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

250000

200000

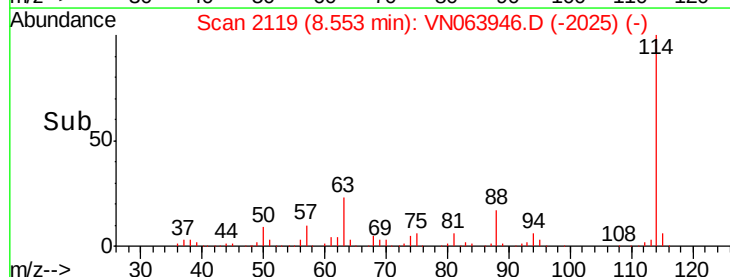
150000

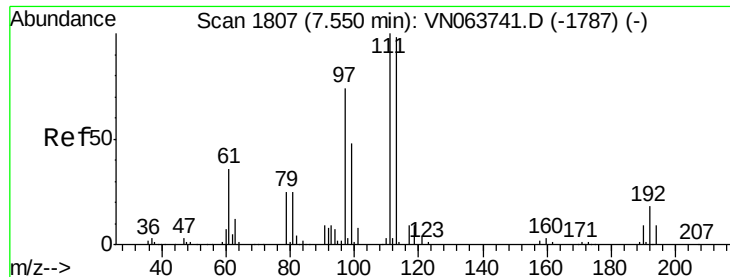
100000

50000

0

Time-->

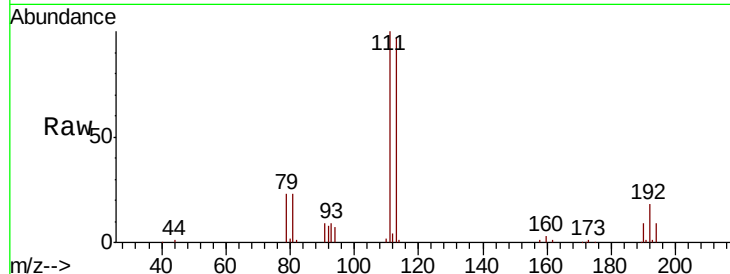




#35
Dibromofluoromethane
Concen: 50.631 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063946.D
Acq: 7 Oct 2020 16:31

Instrument :
MSVOA_N
ClientSampleId :
B-17-MW-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	17.5	14.2	21.2

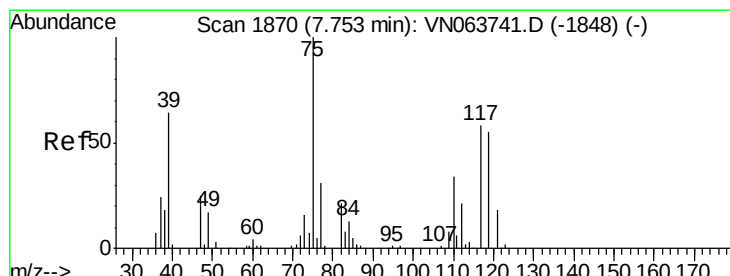
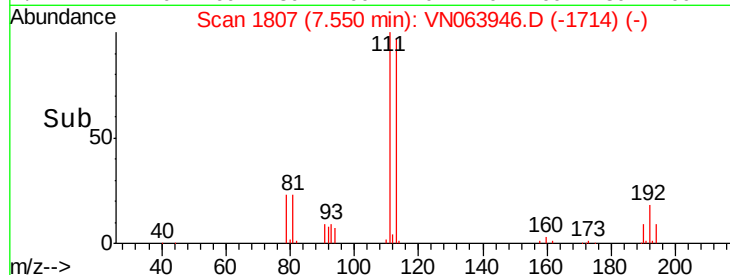
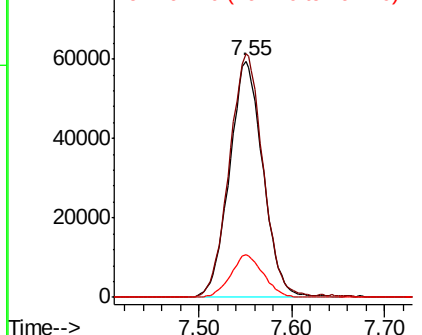


Abundance

Ion 112.80 (112.50 to 113.50): V

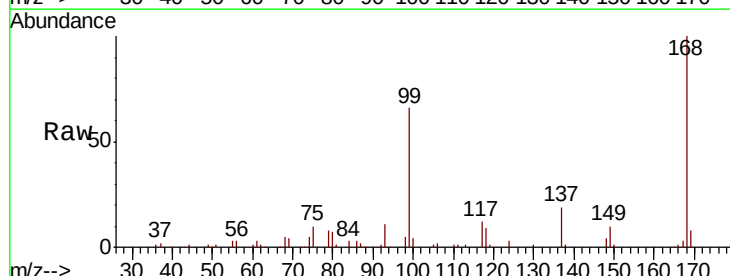
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063946.D
Acq: 7 Oct 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.9	50.6#
77	0.0	24.5	36.7#

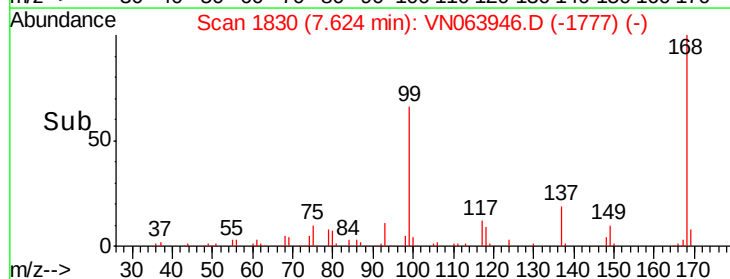
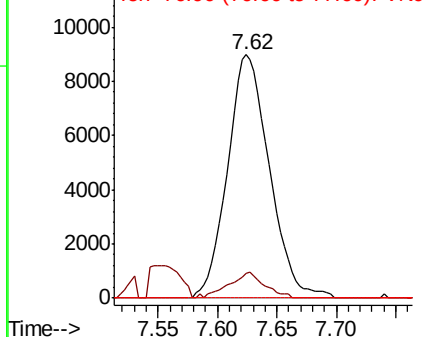


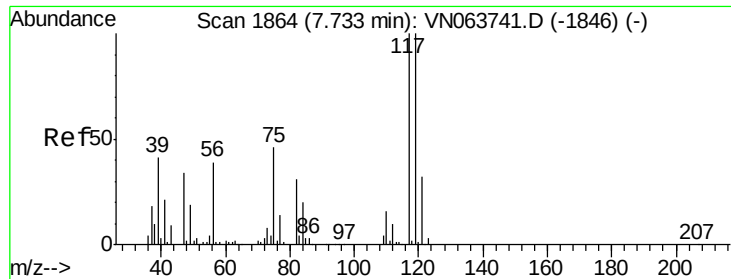
Abundance

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: 5.414 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

B-17-MW-4

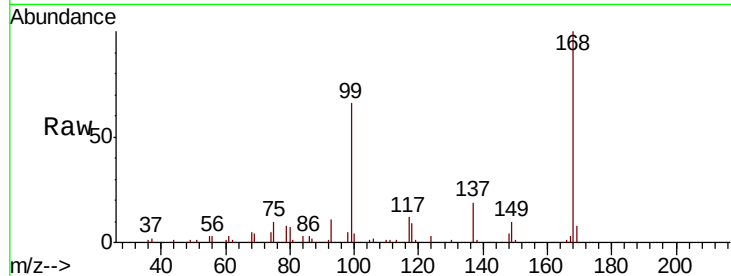
Tot Ion:117 Resp: 26107

Ion Ratio Lower Upper

117 100

119 5.7 80.1 120.1#

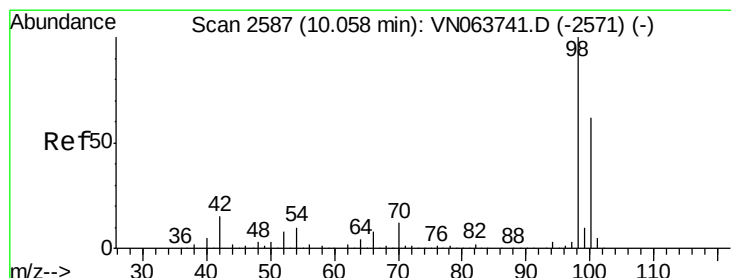
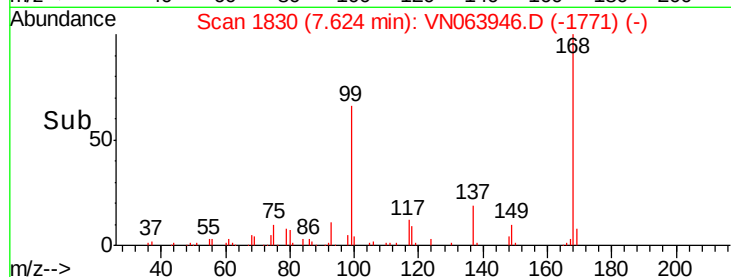
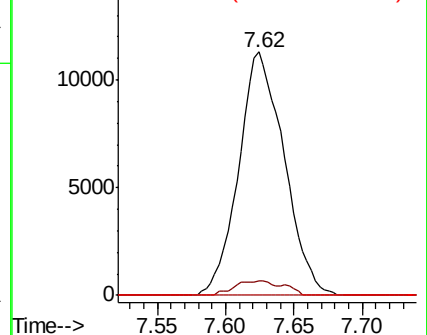
121 0.0 25.7 38.5#



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



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063946.D

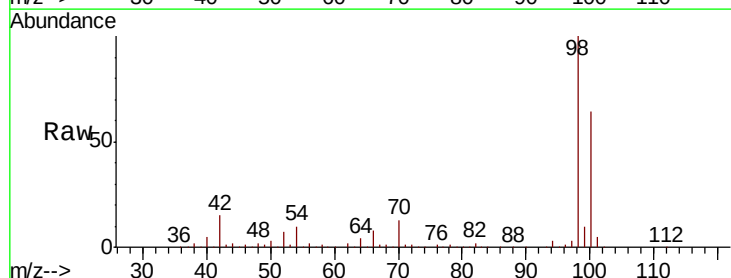
Acq: 7 Oct 2020 16:31

Tgt Ion: 98 Resp: 543838

Ion Ratio Lower Upper

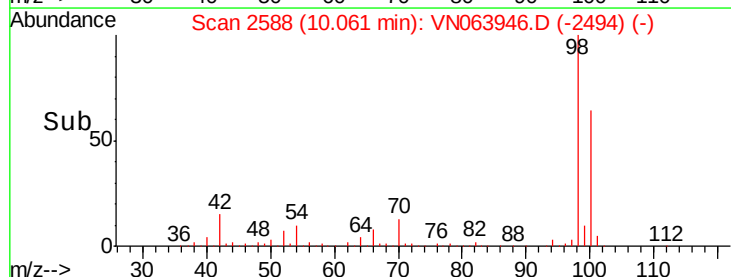
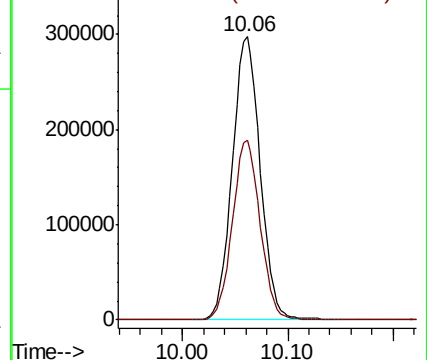
98 100

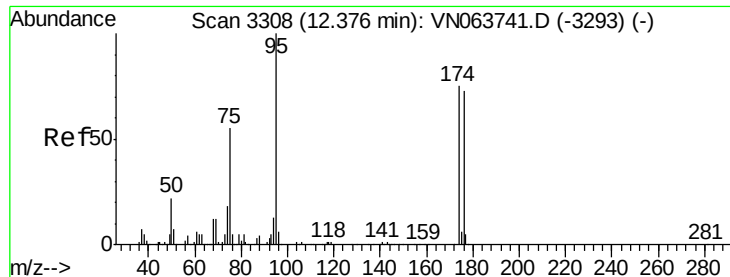
100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 50.271 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

B-17-MW-4

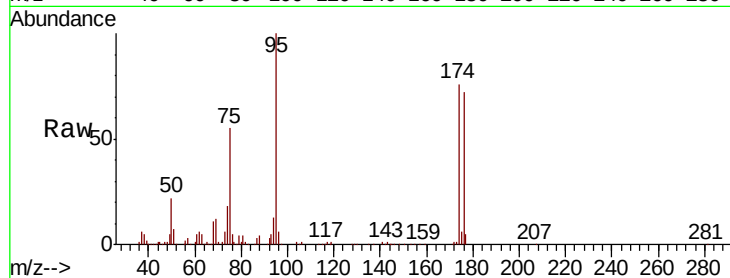
Tot Ion: 95 Resp: 211014

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 73.0 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063946.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063946.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063946.D (-3293) (-)

12.38

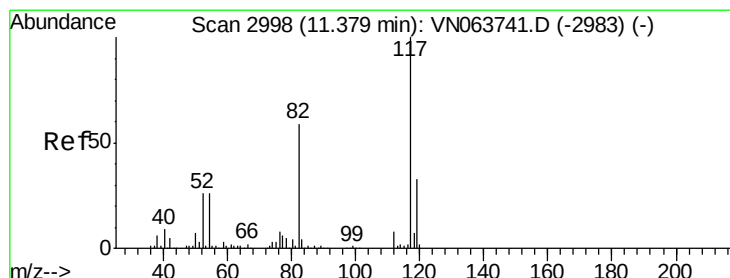
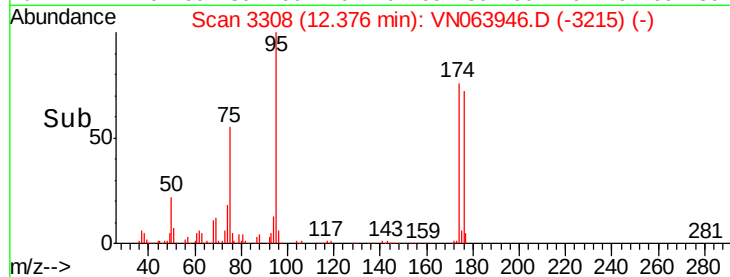
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

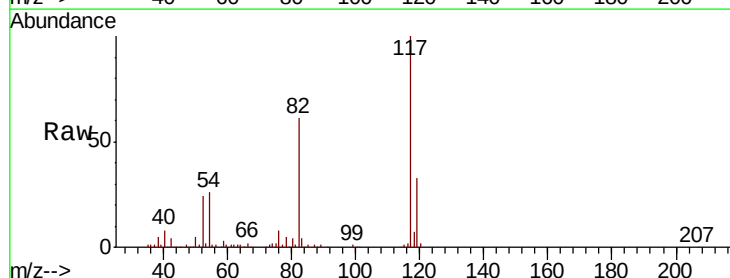
Tgt Ion: 117 Resp: 431437

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

119 32.7 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063946.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063946.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063946.D (-2983) (-)

11.38

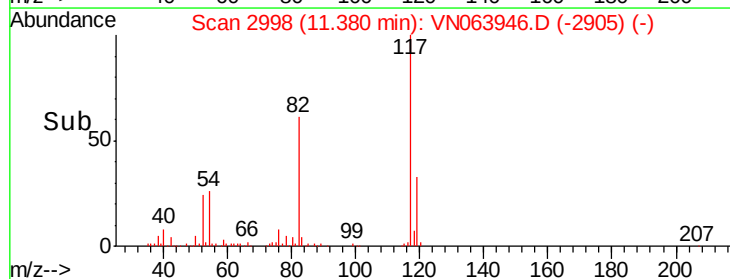
300000

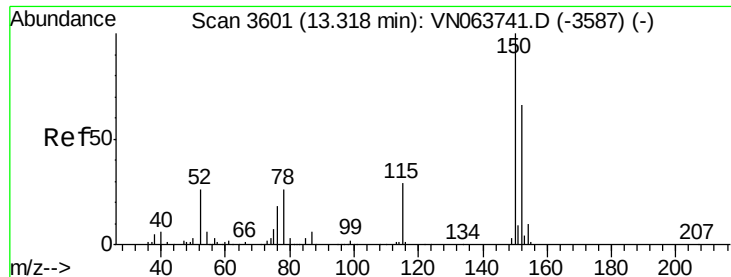
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampled :

B-17-MW-4

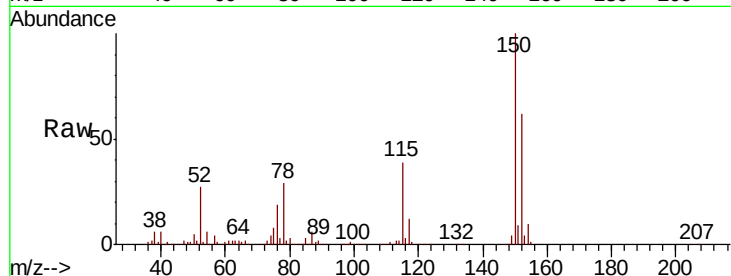
Tot Ion:152 Resp: 175977

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

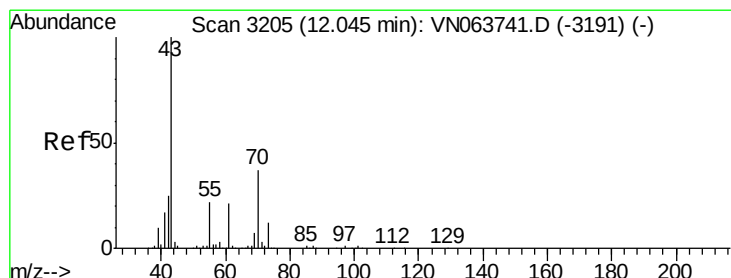
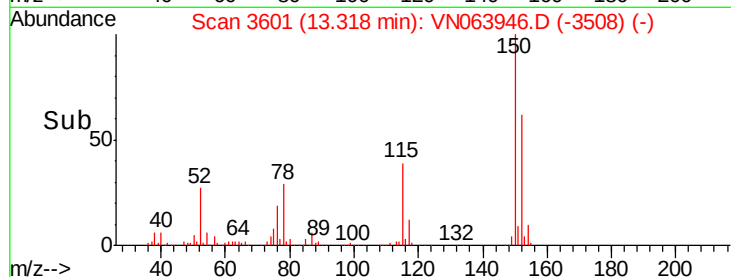
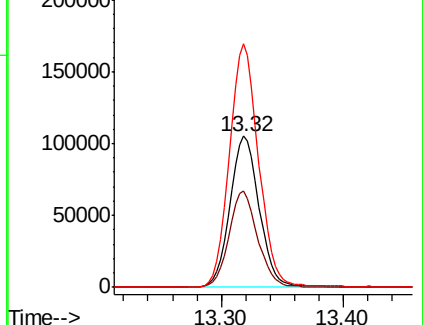
150 160.2 0.0 341.8



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



#74

N-ethyl acetate

Concen: 2.285 ug/l

RT: 12.04 min Scan# 3203

Delta R.T. -0.01 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Tgt Ion: 43 Resp: 431

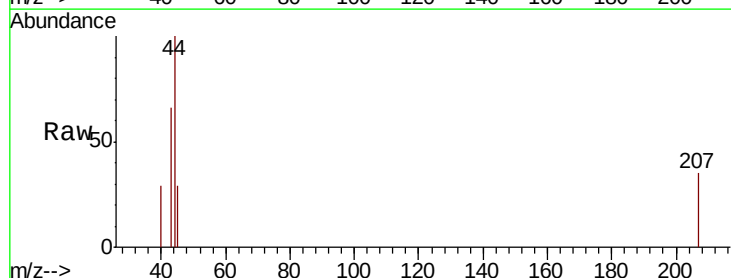
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

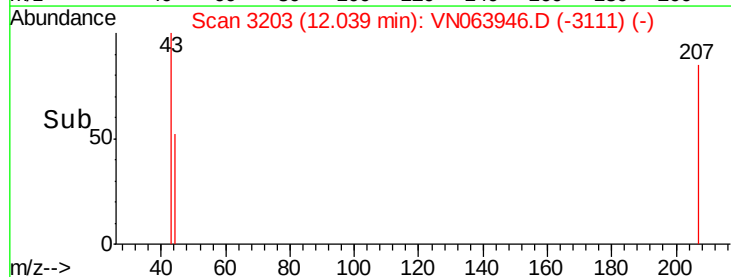
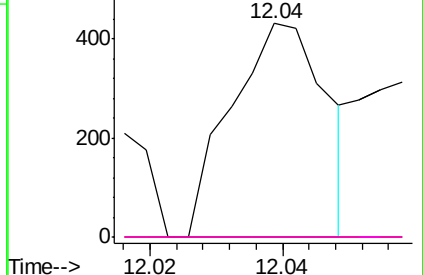


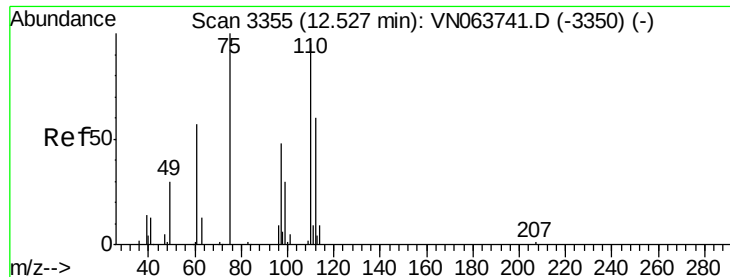
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 29.807 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

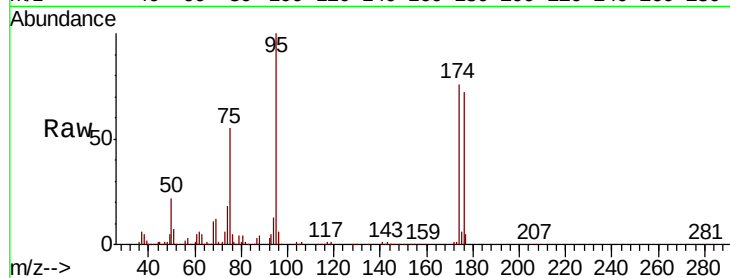
B-17-MW-4

Tot Ion: 75 Resp: 115627

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

60000

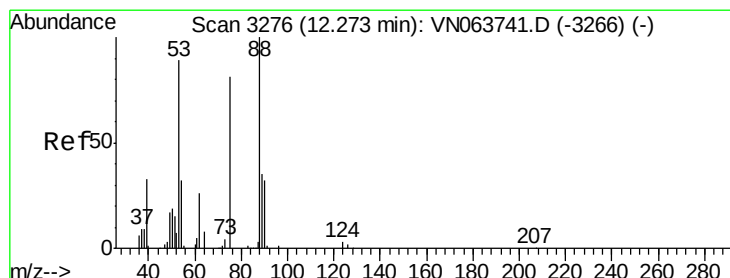
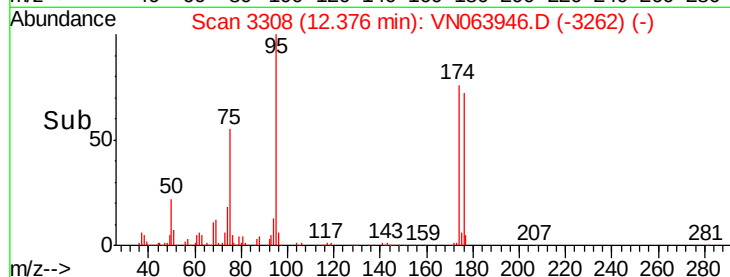
40000

20000

0

Time-->

12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 85.848 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063946.D

Acq: 7 Oct 2020 16:31

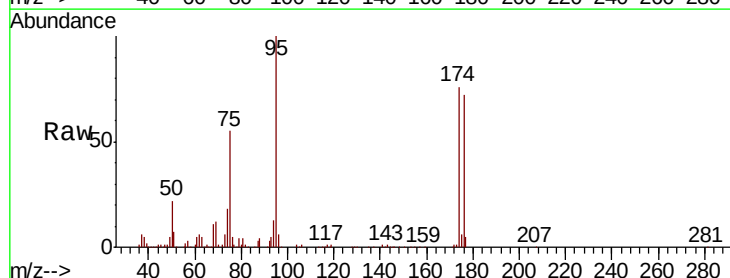
Tgt Ion: 75 Resp: 115627

Ion Ratio Lower Upper

75 100

53 0.0 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

12.38

80000

60000

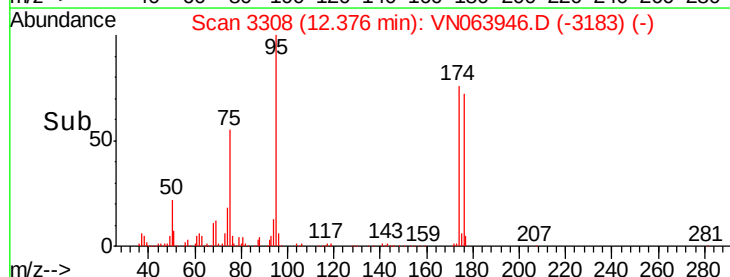
40000

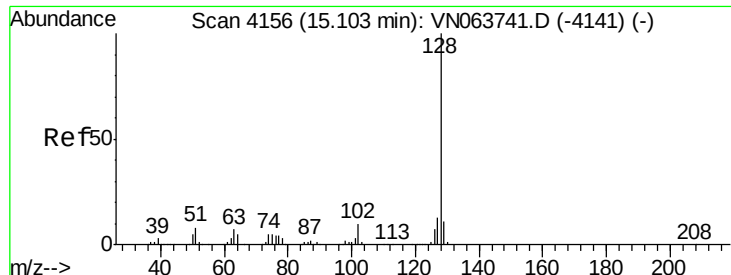
20000

0

Time-->

12.30 12.35 12.40 12.45





#95

Naphthalene

Concen: 2.141 ug/l

RT: 15.11 min Scan# 4159

Delta R.T. 0.01 min

Lab File: VN063946.D

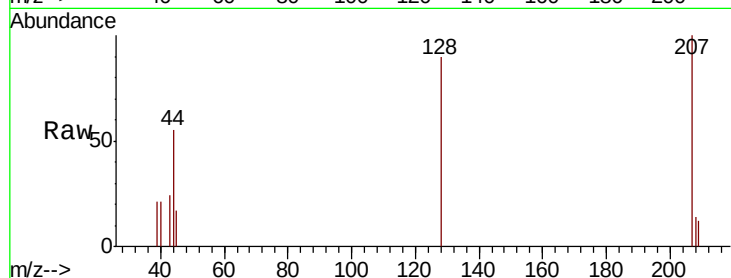
Acq: 7 Oct 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

B-17-MW-4



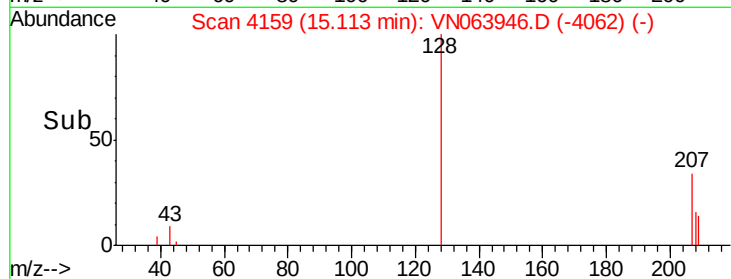
Tot Ion:128 Resp: 2140

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 4.7 8.7 13.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

