

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063990.D
 Acq On : 8 Oct 2020 14:55
 Operator : JC/MD
 Sample : L4255-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-SW124-20200930

Quant Time: Oct 09 04:03:44 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	243414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177379	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	203950	50.72	ug/l	0.00
Spiked Amount						
				Recovery	=	101.44%
35) Dibromofluoromethane	7.55	113	150860	48.61	ug/l	0.00
Spiked Amount						
				Recovery	=	97.22%
50) Toluene-d8	10.06	98	561296	47.71	ug/l	0.00
Spiked Amount						
				Recovery	=	95.42%
62) 4-Bromofluorobenzene	12.38	95	212059	47.95	ug/l	0.00
Spiked Amount						
				Recovery	=	95.90%

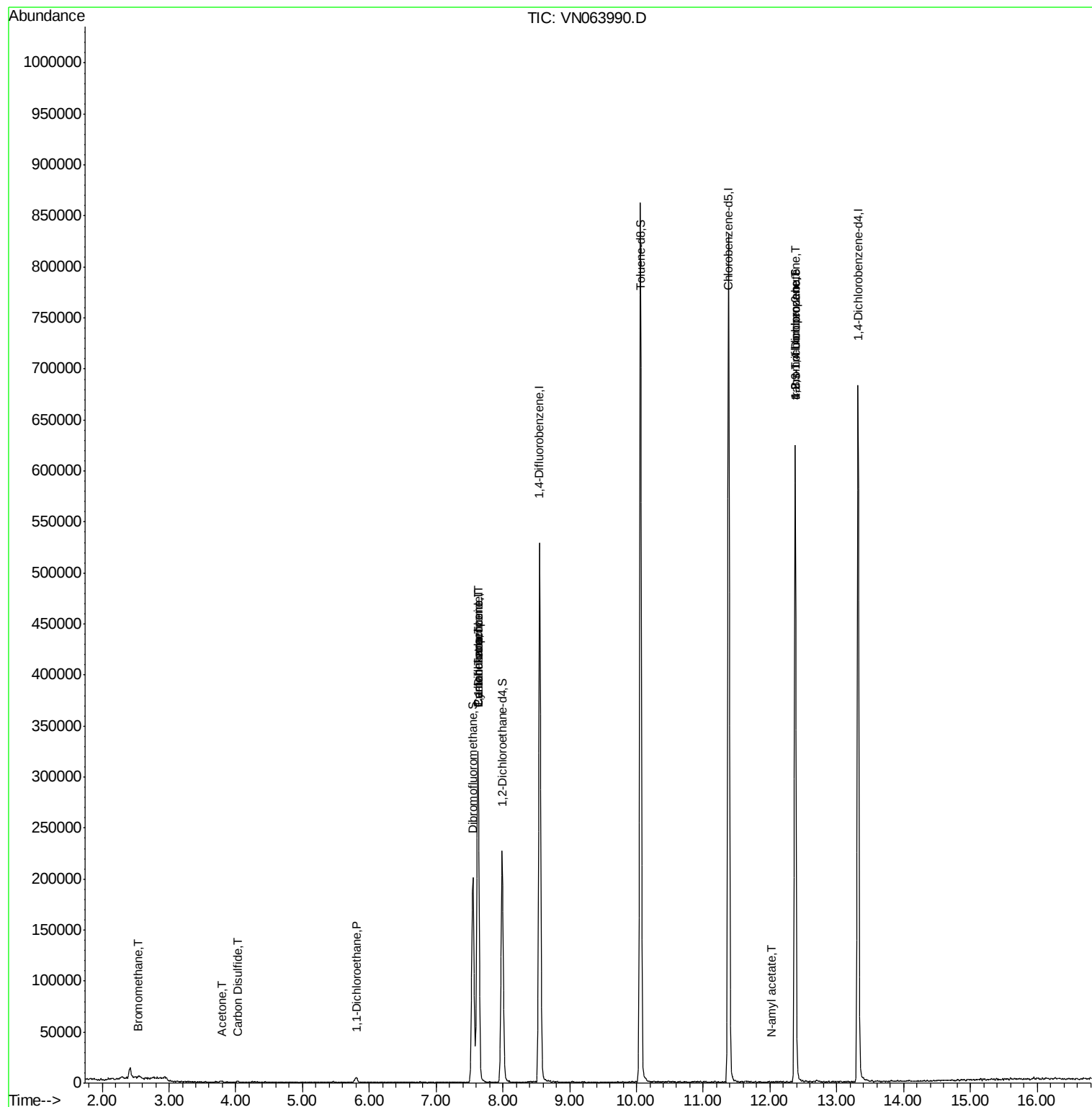
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	759	0.399	ug/l	92
16) Acetone	3.78	43	2086	1.685	ug/l #	85
17) Carbon Disulfide	4.02	76	250	0.738	ug/l #	76
24) 1,1-Dichloroethane	5.80	63	7826	1.461	ug/l #	86
31) Cyclohexane	7.62	56	6568	1.407	ug/l #	32
36) 1,1-Dichloropropene	7.62	75	21316	4.704	ug/l #	49
38) Carbon Tetrachloride	7.63	117	26403	5.196	ug/l #	15
74) N-amyl acetate	12.04	43	220	2.251	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	117320	30.004	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	117320	86.416	ug/l #	6

(#) = 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: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

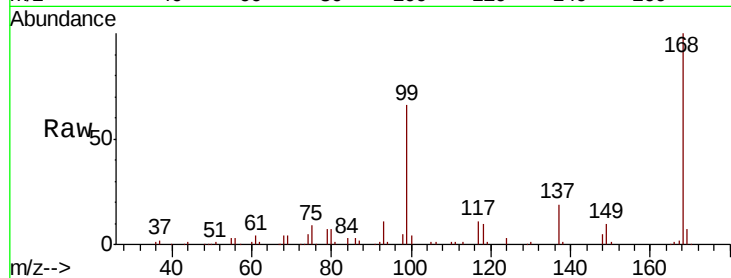
SA-SW124-20200930

Tot Ion:168 Resp: 243414

Ion Ratio Lower Upper

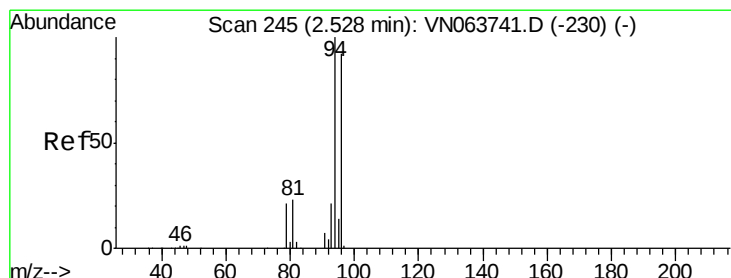
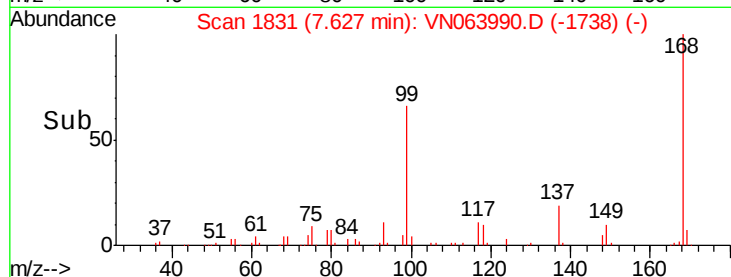
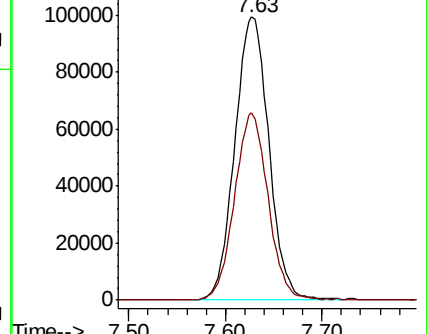
168 100

99 66.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.399 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN063990.D

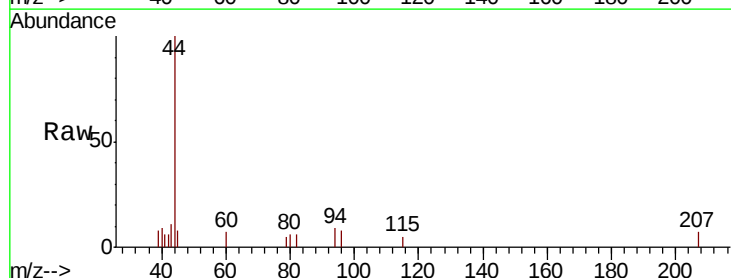
Acq: 8 Oct 2020 14:55

Tgt Ion: 94 Resp: 759

Ion Ratio Lower Upper

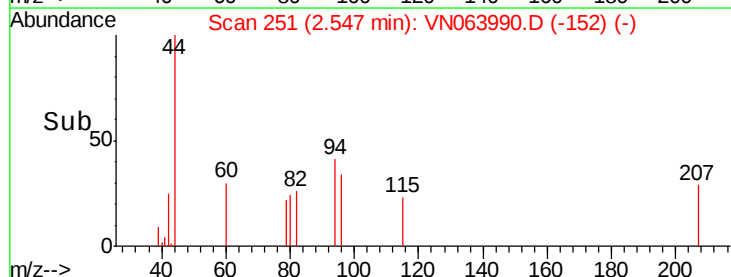
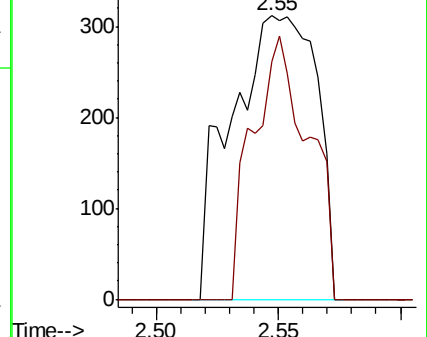
94 100

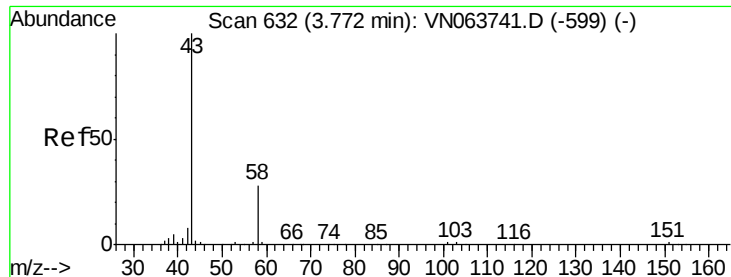
96 83.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#16

Acetone

Concen: 1.685 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

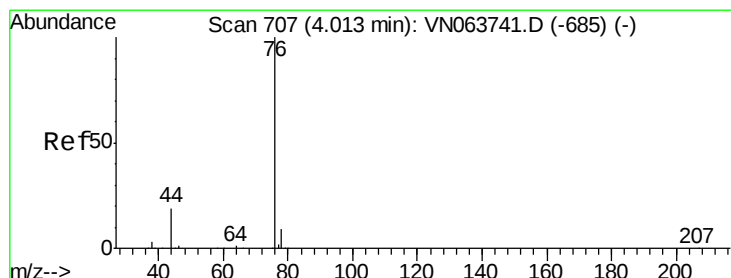
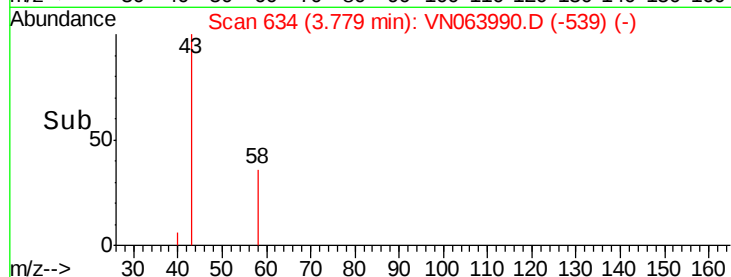
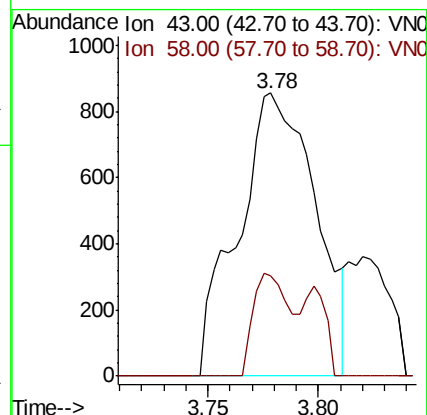
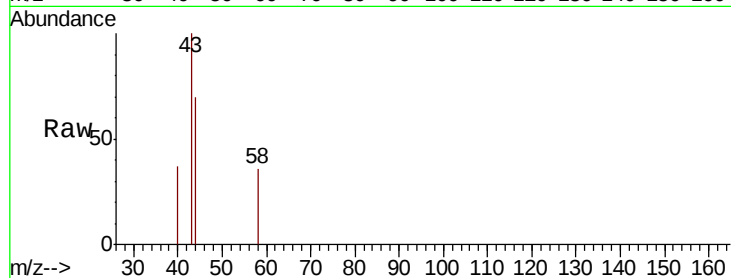
SA-SW124-20200930

Tot Ion: 43 Resp: 2086

Ion Ratio Lower Upper

43 100

58 35.6 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.738 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063990.D

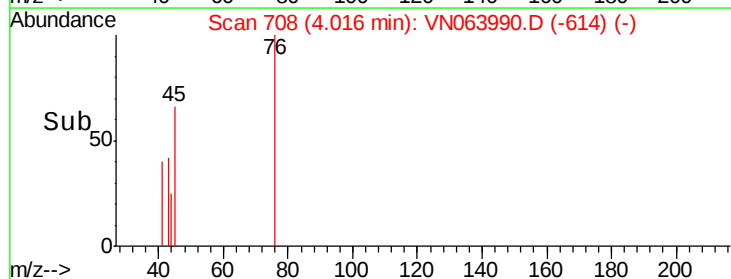
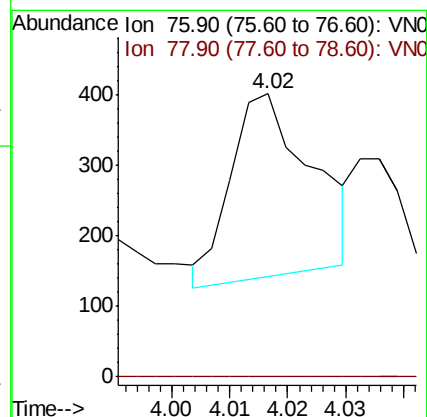
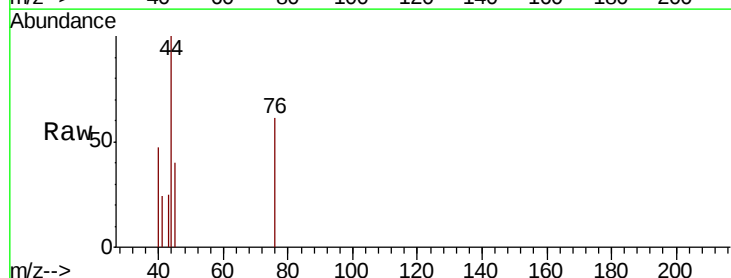
Acq: 8 Oct 2020 14:55

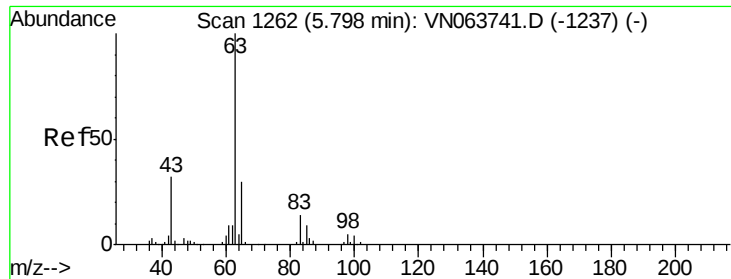
Tgt Ion: 76 Resp: 250

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#24

1,1-Dichloroethane

Concen: 1.461 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

SA-SW124-20200930

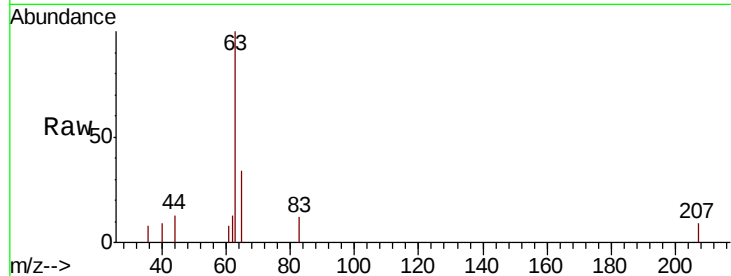
Tot Ion: 63 Resp: 7826

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

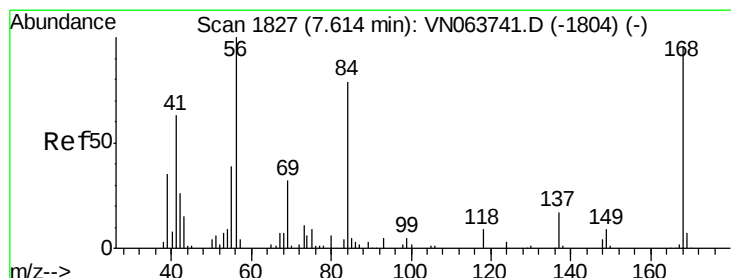
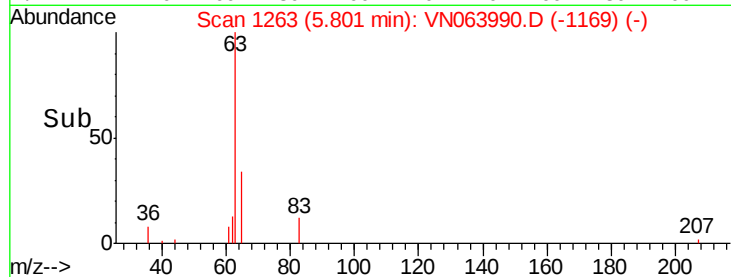
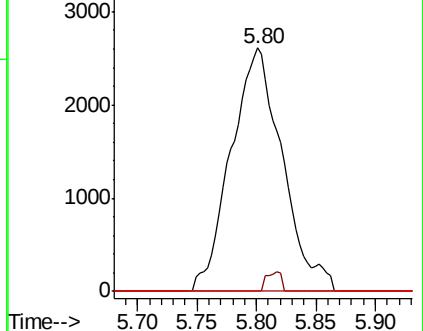
100 0.0 1.9 5.7#



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: 1.407 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

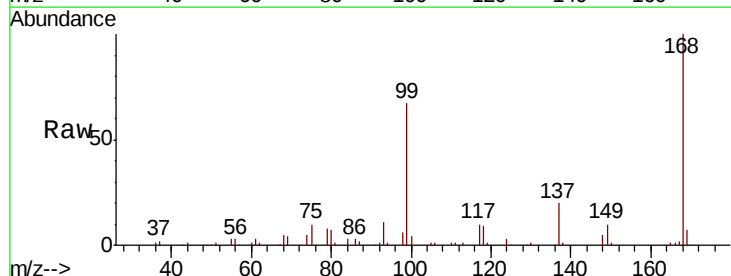
Tgt Ion: 56 Resp: 6568

Ion Ratio Lower Upper

56 100

69 144.1 25.4 38.2#

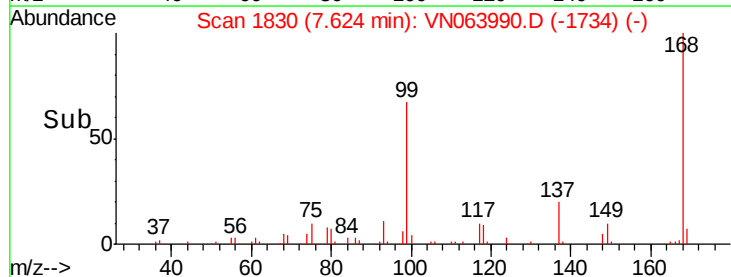
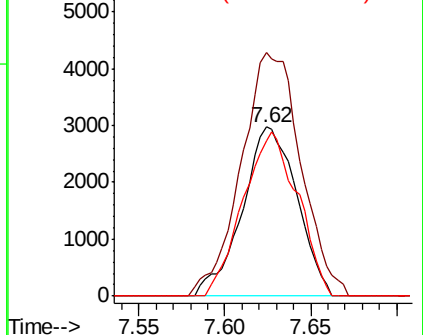
84 92.0 63.3 94.9

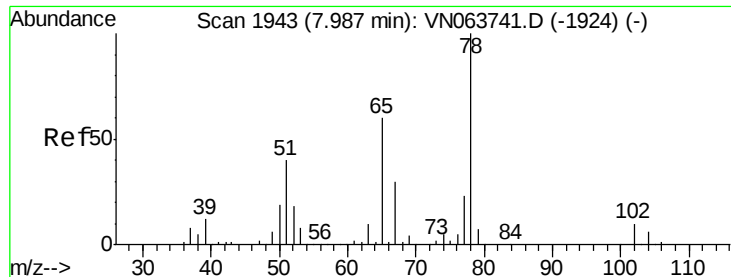


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

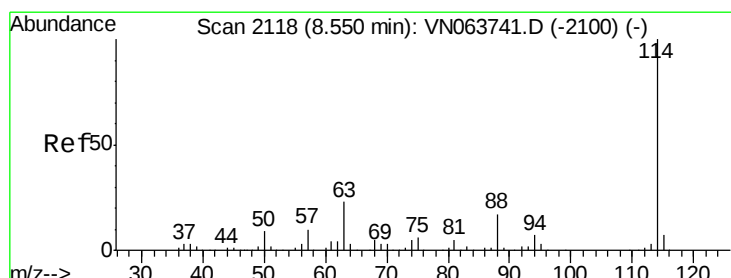
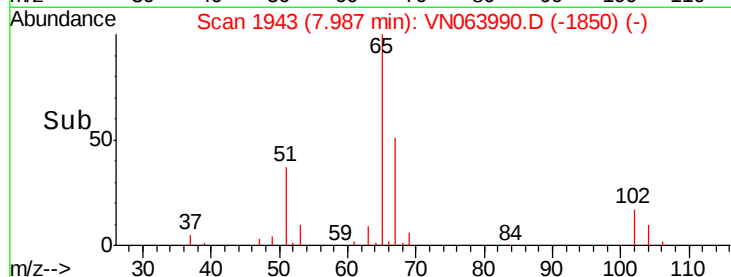
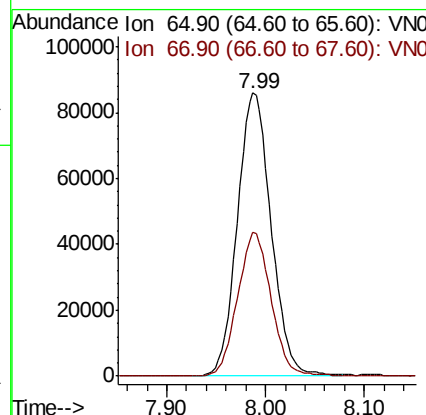
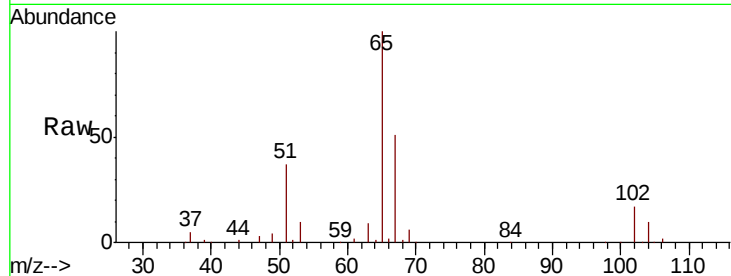




#33
 1,2-Dichloroethane-d4
 Concen: 50.717 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063990.D
 Acq: 8 Oct 2020 14:55

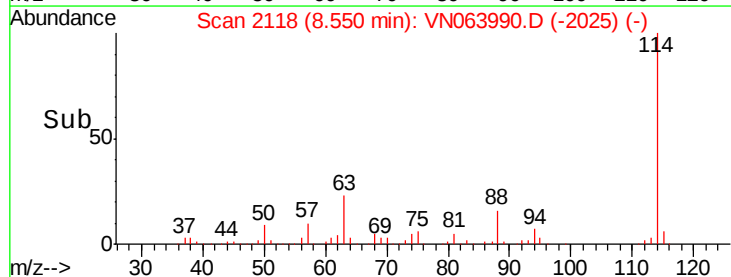
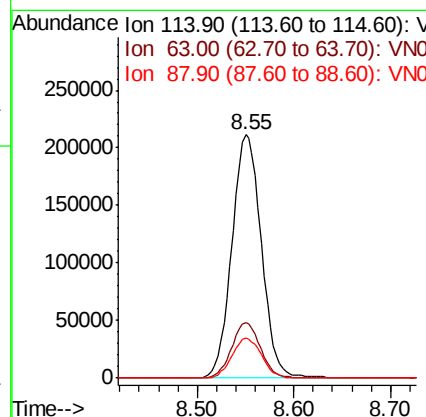
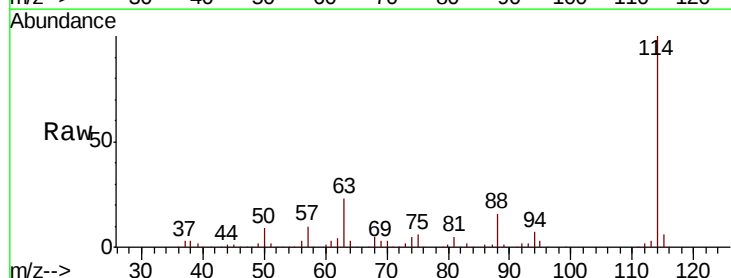
Instrument :
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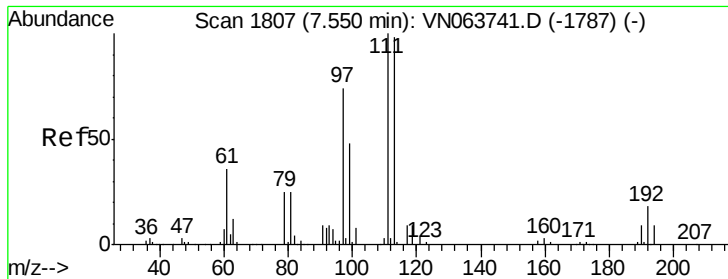
Tot Ion: 65 Resp: 203950
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063990.D
 Acq: 8 Oct 2020 14:55

Tgt Ion: 114 Resp: 447284
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.3 0.0 34.0

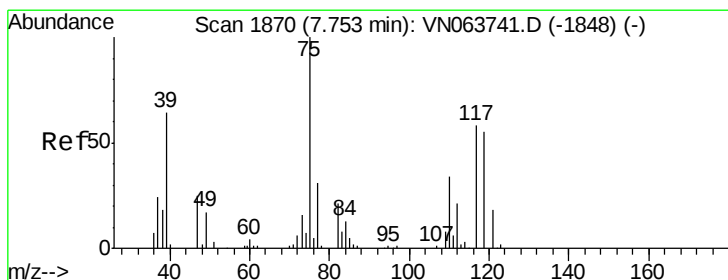
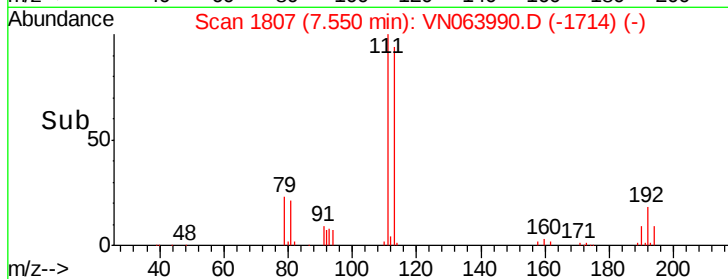
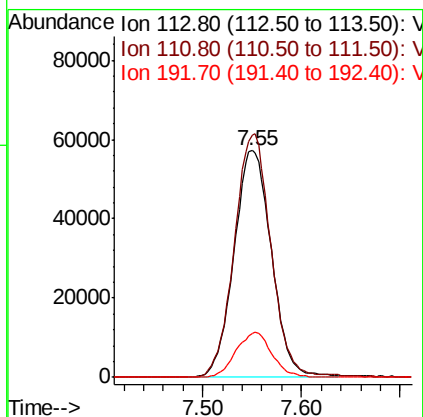
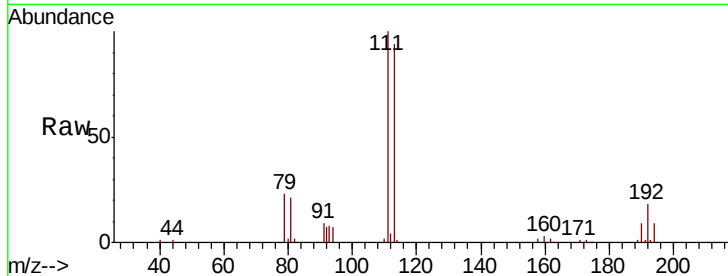




#35
 Dibromofluoromethane
 Concen: 48.608 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063990.D
 Acq: 8 Oct 2020 14:55

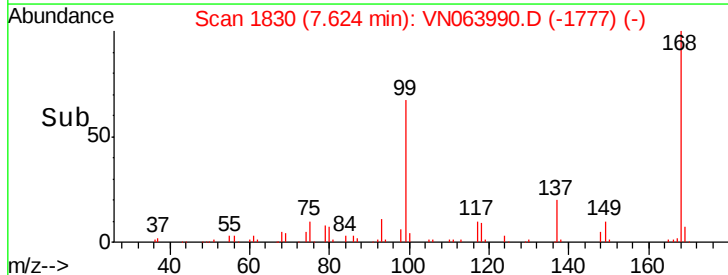
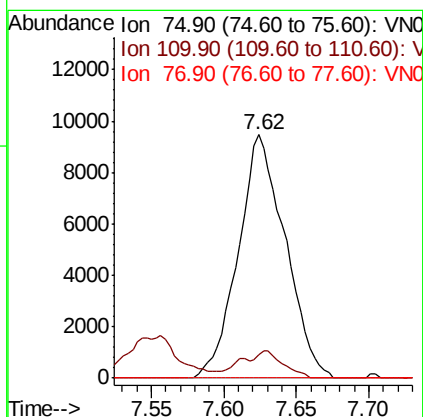
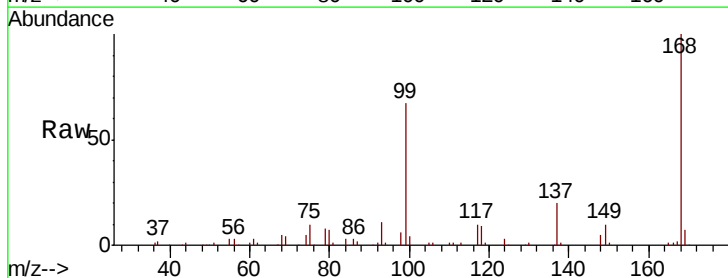
Instrument :
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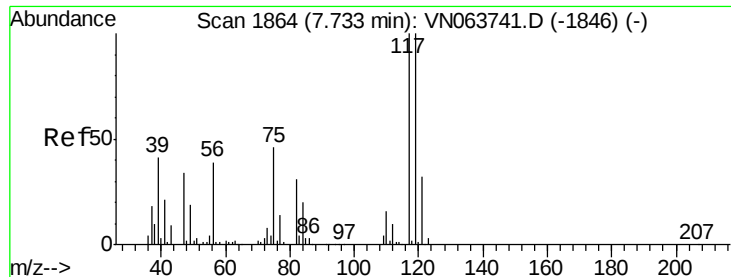
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	19.0	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.704 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063990.D
 Acq: 8 Oct 2020 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.9	50.6#
77	0.0	24.5	36.7#

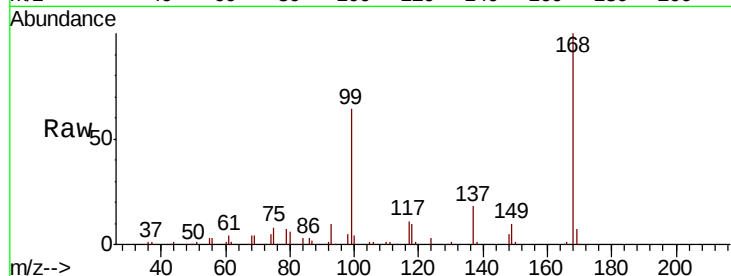




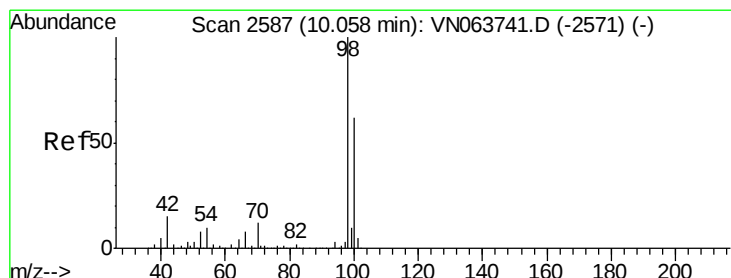
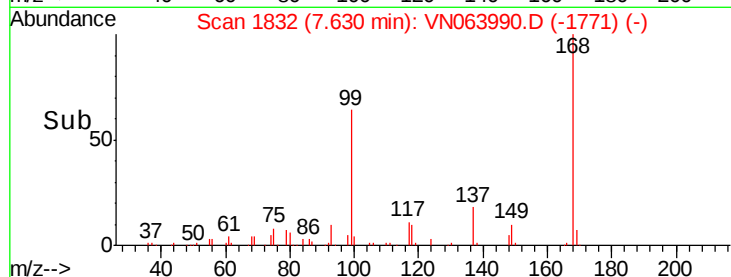
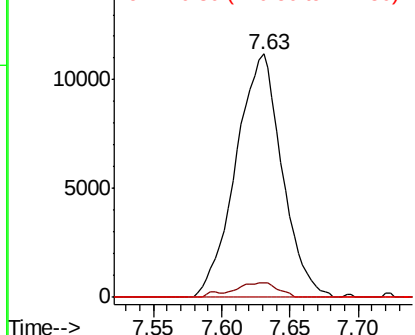
#38
Carbon Tetrachloride
Concen: 5.196 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN063990.D
Acq: 8 Oct 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
SA-SW124-20200930

Tot Ion:117 Resp: 26403
Ion Ratio Lower Upper
117 100
119 5.9 80.1 120.1#
121 0.0 25.7 38.5#

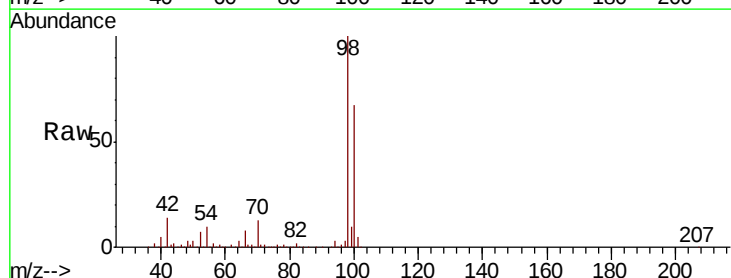


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

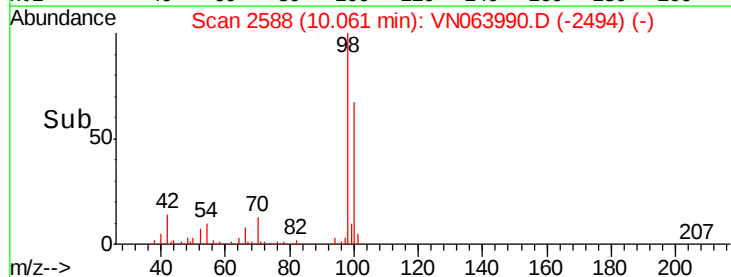
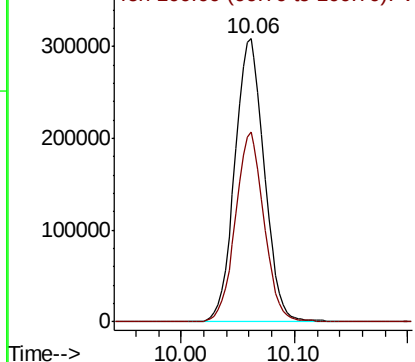


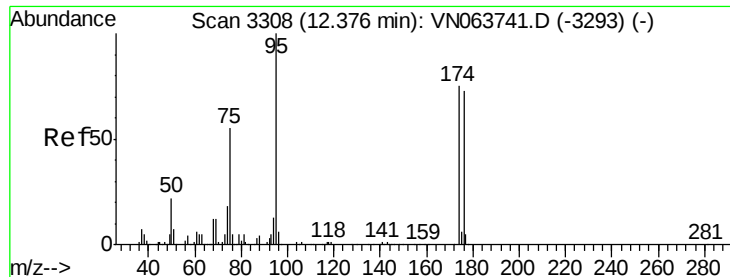
#50
Toluene-d8
Concen: 47.707 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063990.D
Acq: 8 Oct 2020 14:55

Tgt Ion: 98 Resp: 561296
Ion Ratio Lower Upper
98 100
100 65.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.947 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

SA-SW124-20200930

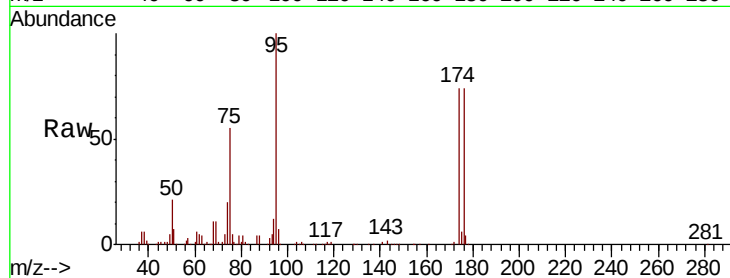
Tot Ion: 95 Resp: 212059

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 75.2 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063990.D (-2905) (-)

Ion 173.80 (173.50 to 174.50): VN063990.D (-2905) (-)

Ion 175.80 (175.50 to 176.50): VN063990.D (-2905) (-)

12.38

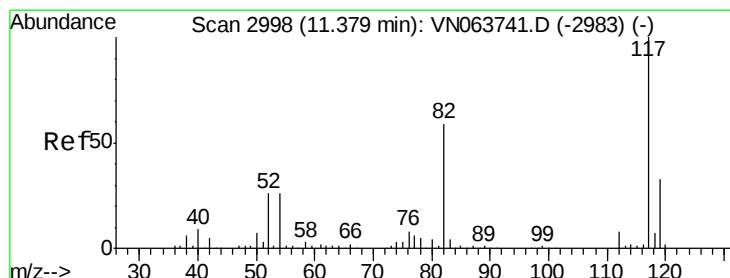
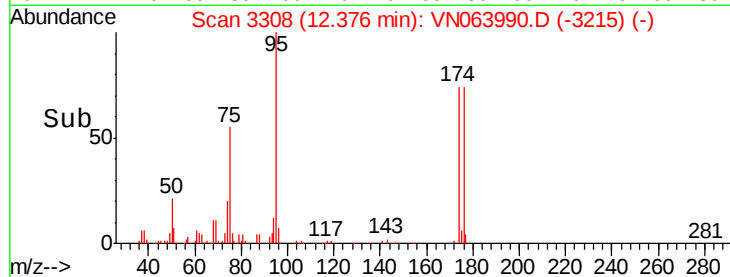
150000

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: VN063990.D

Acq: 8 Oct 2020 14:55

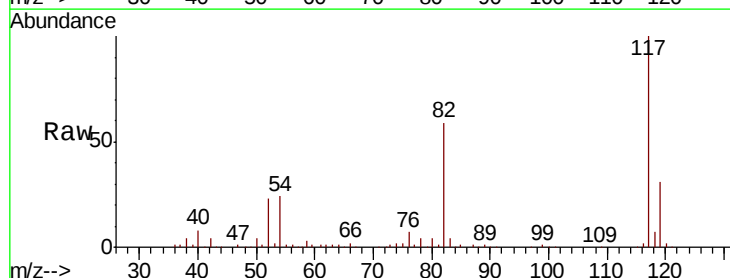
Tgt Ion: 117 Resp: 459605

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

119 30.9 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063990.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063990.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063990.D (-2905) (-)

11.38

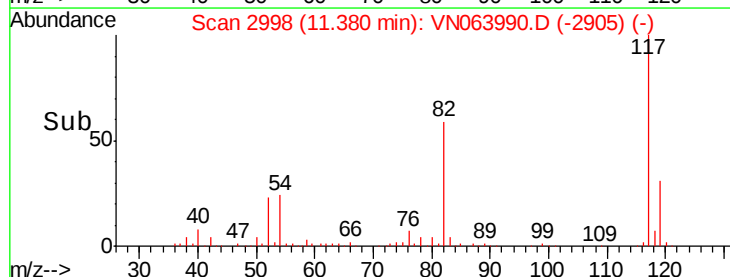
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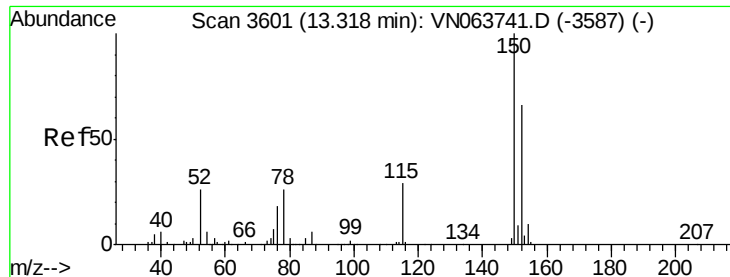
200000

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: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

SA-SW124-20200930

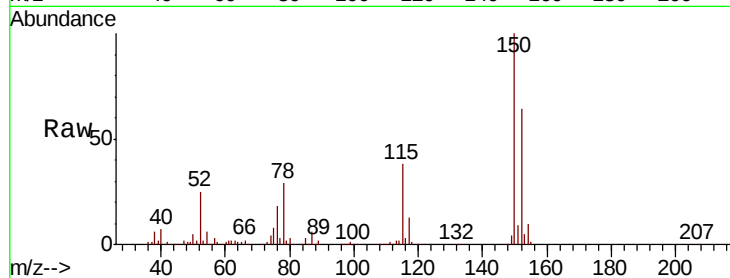
Tot Ion:152 Resp: 177379

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

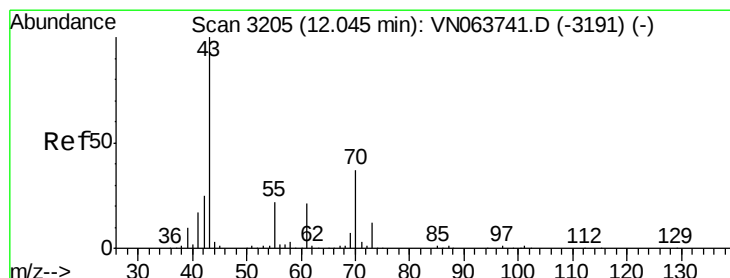
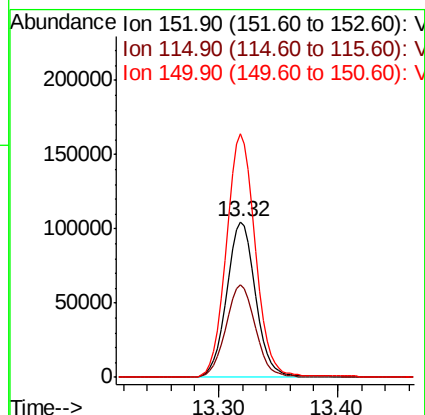
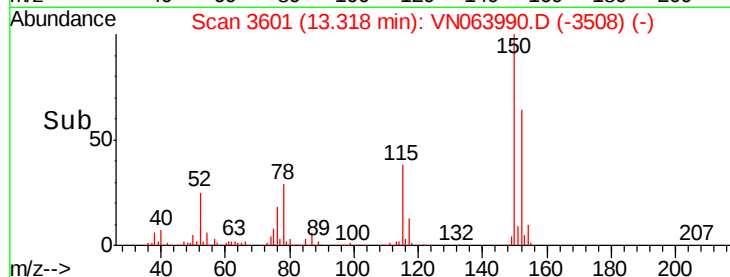
150 155.3 0.0 341.8



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: 2.251 ug/l

RT: 12.04 min Scan# 3202

Delta R.T. -0.01 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

Tgt Ion: 43 Resp: 220

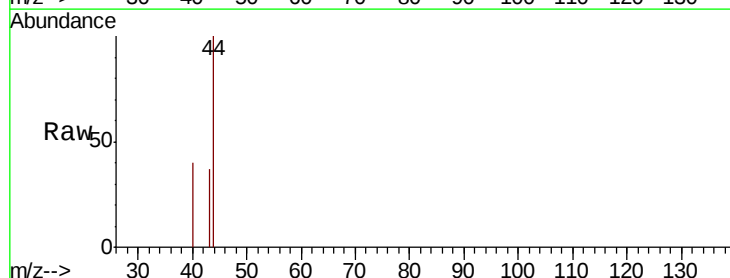
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

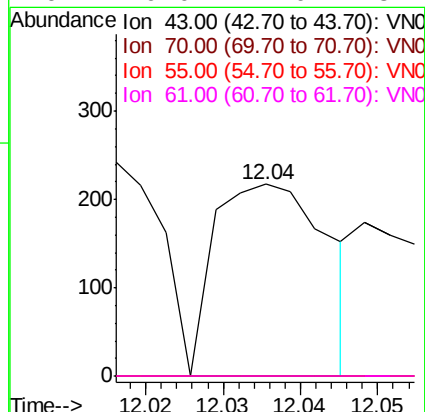
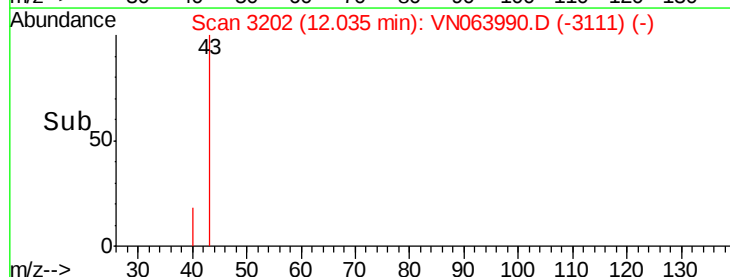


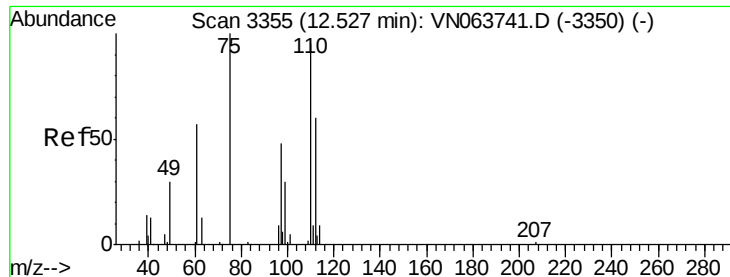
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.004 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

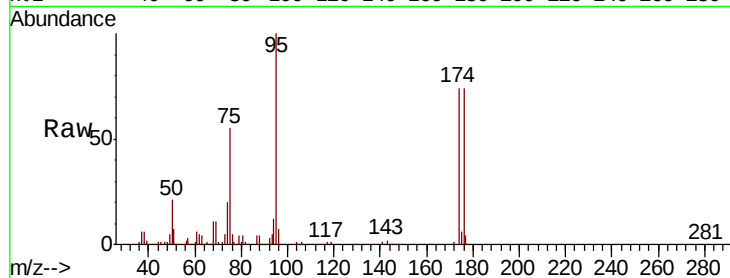
SA-SW124-20200930

Tot Ion: 75 Resp: 117320

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

12.38

80000

60000

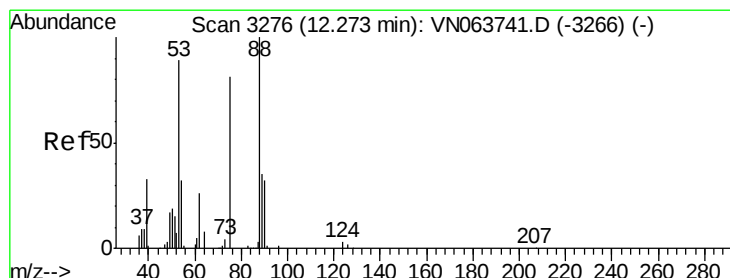
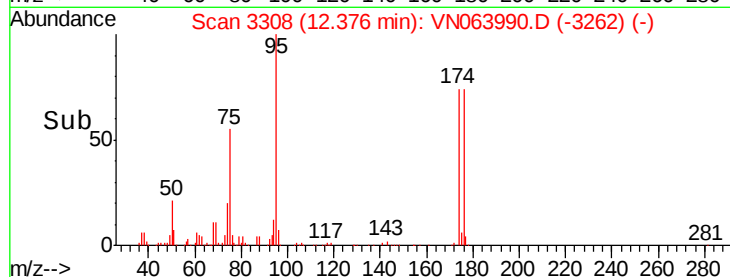
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 86.416 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063990.D

Acq: 8 Oct 2020 14:55

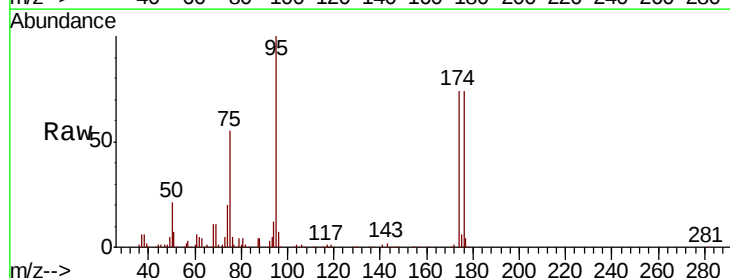
Tgt Ion: 75 Resp: 117320

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 12.40

