

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063995.D
 Acq On : 8 Oct 2020 16:54
 Operator : JC/MD
 Sample : L4255-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ147-20200930

Quant Time: Oct 09 04:04:50 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	243199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	435315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174507	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	200700	49.95	ug/l	0.00
Spiked Amount						
			Recovery	=	99.90%	
35) Dibromofluoromethane	7.55	113	151025	50.00	ug/l	0.00
Spiked Amount						
			Recovery	=	100.00%	
50) Toluene-d8	10.06	98	561770	49.06	ug/l	0.00
Spiked Amount						
			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	211790	49.20	ug/l	0.00
Spiked Amount						
			Recovery	=	98.40%	

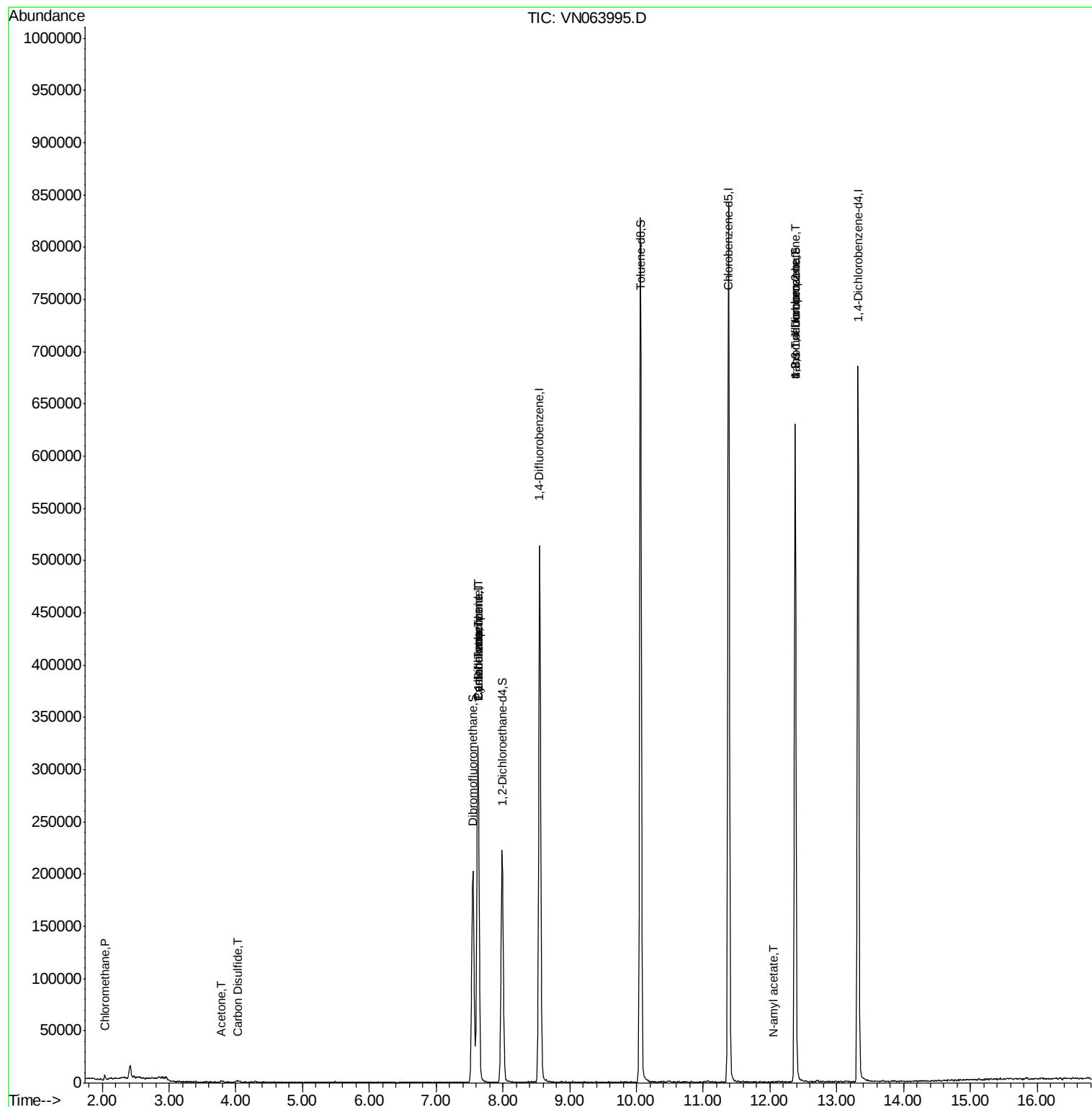
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	3431	1.139	ug/l	91
16) Acetone	3.77	43	980	0.792	ug/l	100
17) Carbon Disulfide	4.01	76	215	0.733	ug/l #	76
31) Cyclohexane	7.63	56	6097	1.307	ug/l #	10
36) 1,1-Dichloropropene	7.63	75	21497	4.874	ug/l #	50
38) Carbon Tetrachloride	7.62	117	26667	5.392	ug/l #	15
74) N-amyl acetate	12.04	43	161	2.242	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	116179	30.201	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	116179	86.984	ug/l #	6

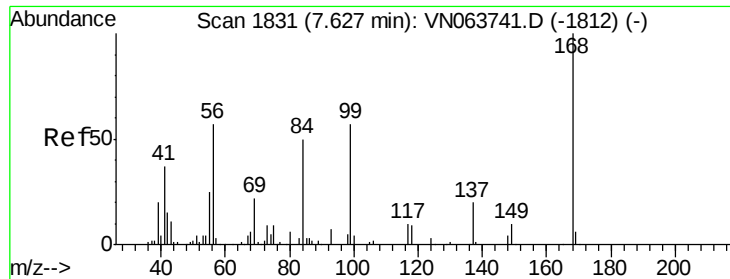
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

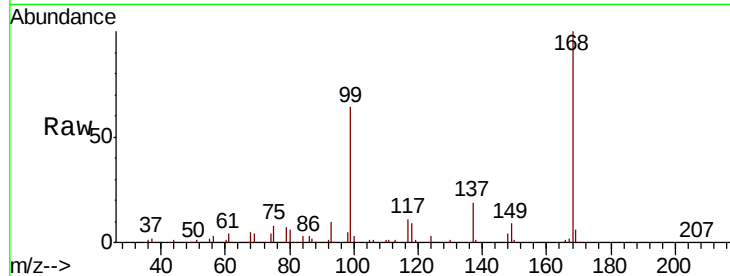
SA-PZ147-20200930

Tot Ion:168 Resp: 243199

Ion Ratio Lower Upper

168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063995.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063995.D (-1738) (-)

7.63

100000

80000

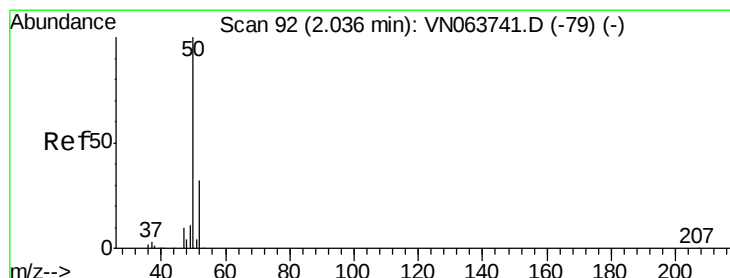
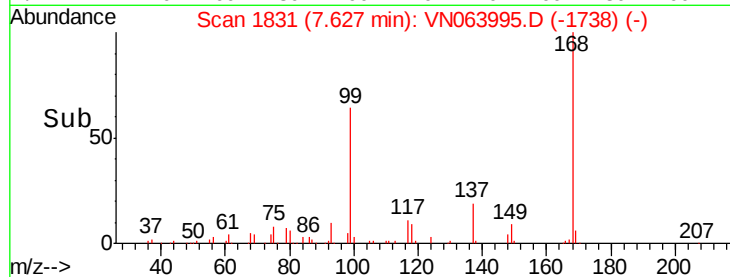
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.139 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063995.D

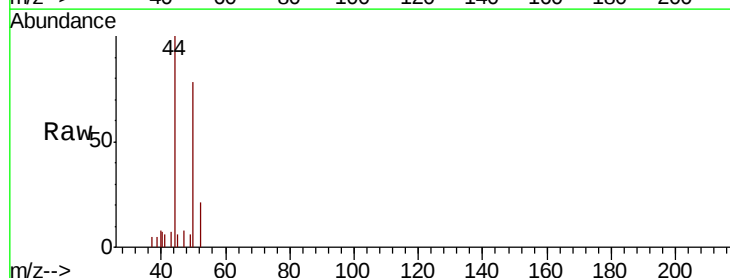
Acq: 8 Oct 2020 16:54

Tgt Ion: 50 Resp: 3431

Ion Ratio Lower Upper

50 100

52 27.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN063995.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063995.D (-1) (-)

2.04

2500

2000

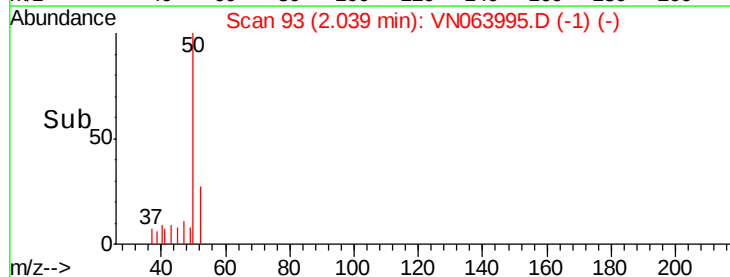
1500

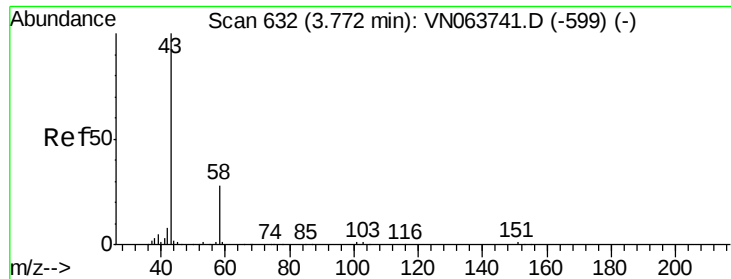
1000

500

0

Time--> 2.00 2.05





#16

Acetone

Concen: 0.792 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

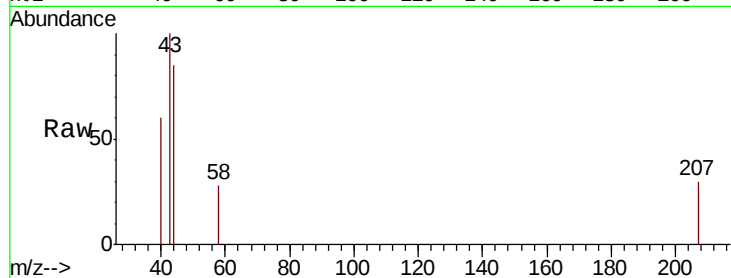
SA-PZ147-20200930

Tot Ion: 43 Resp: 980

Ion Ratio Lower Upper

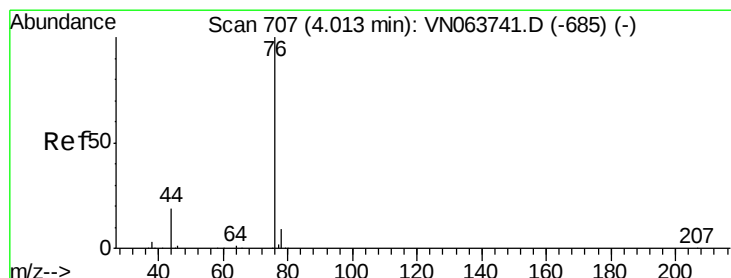
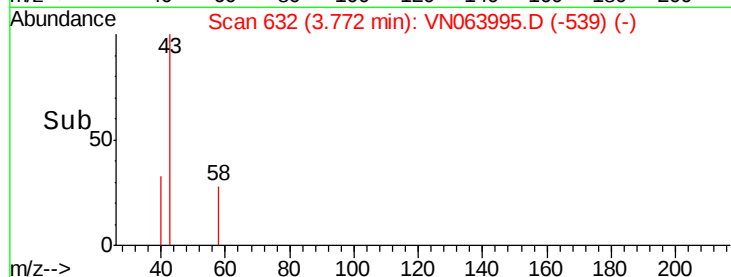
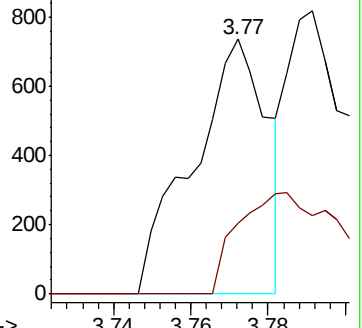
43 100

58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.733 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063995.D

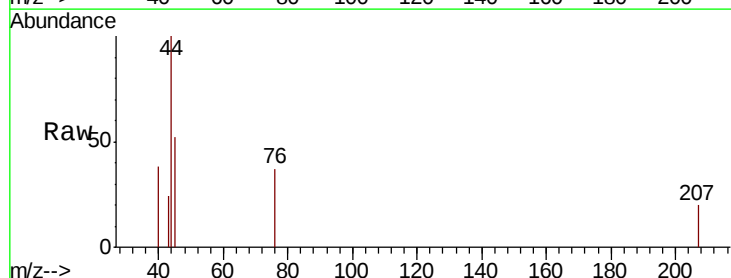
Acq: 8 Oct 2020 16:54

Tgt Ion: 76 Resp: 215

Ion Ratio Lower Upper

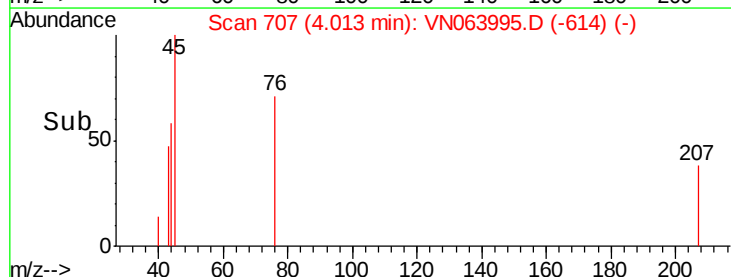
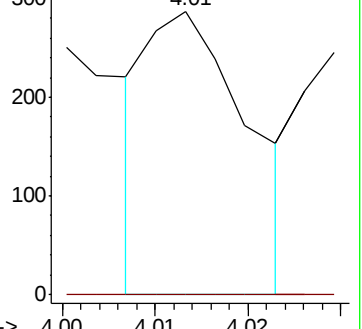
76 100

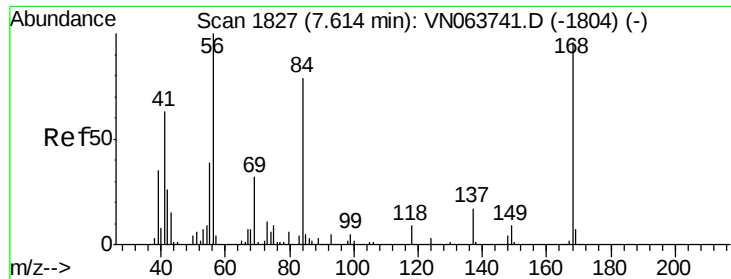
78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

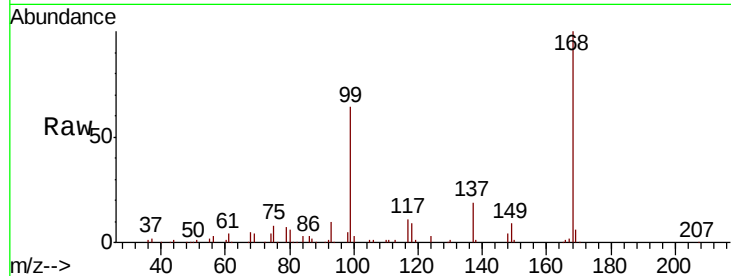




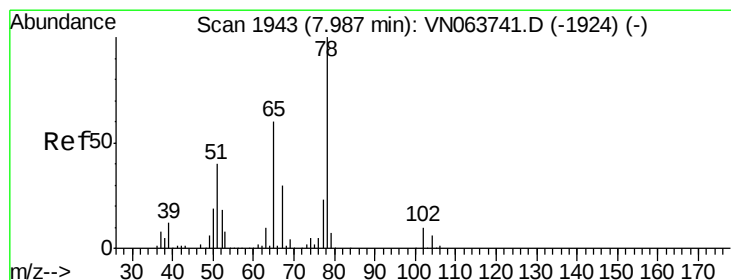
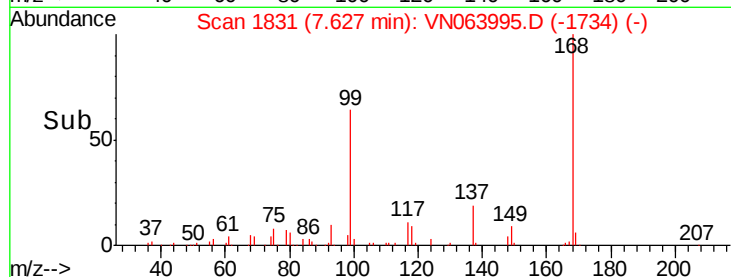
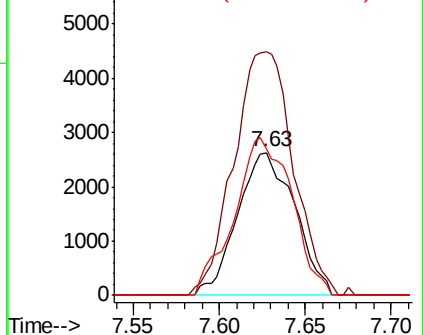
#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063995.D
Acq: 8 Oct 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ147-20200930

Tot Ion: 56 Resp: 6097
Ion Ratio Lower Upper
56 100
69 170.4 25.4 38.2#
84 102.5 63.3 94.9#

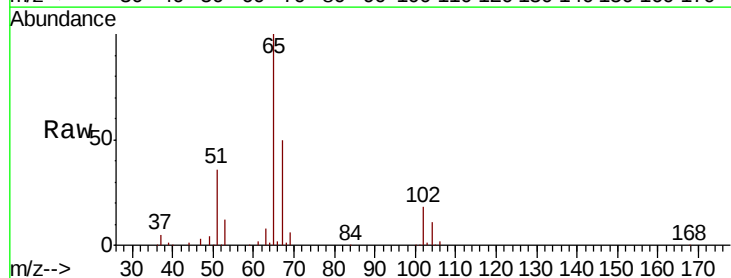


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

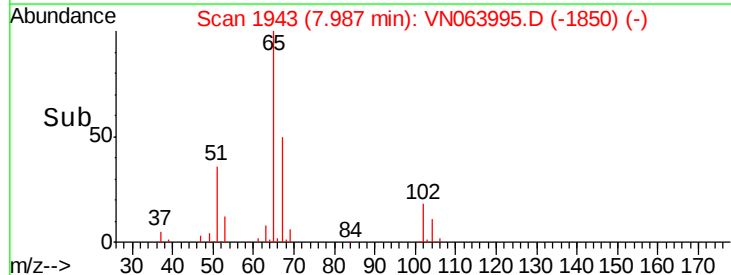
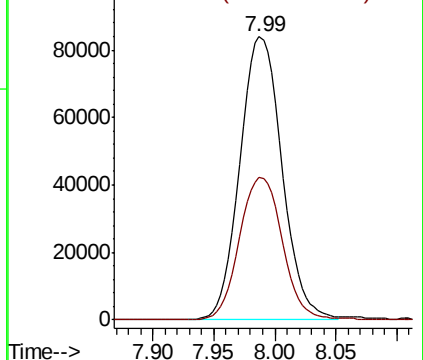


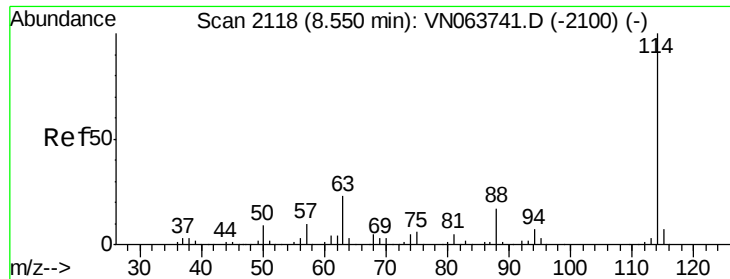
#33
1,2-Dichloroethane-d4
Concen: 49.953 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063995.D
Acq: 8 Oct 2020 16:54

Tgt Ion: 65 Resp: 200700
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.6



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

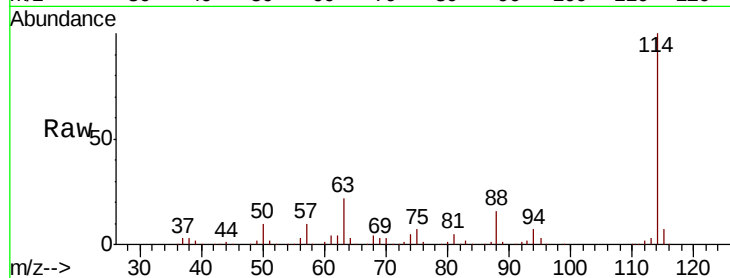




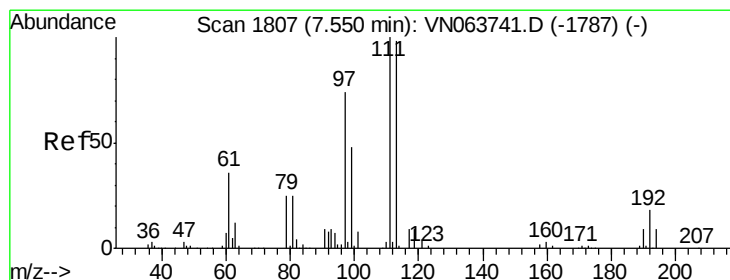
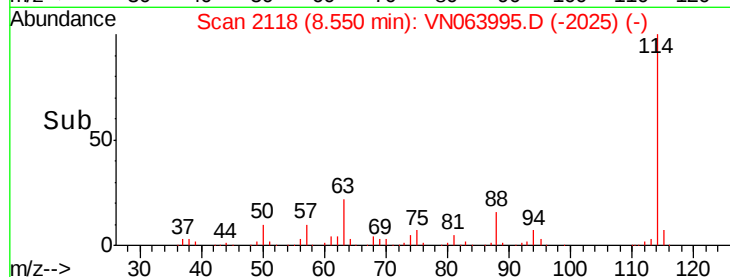
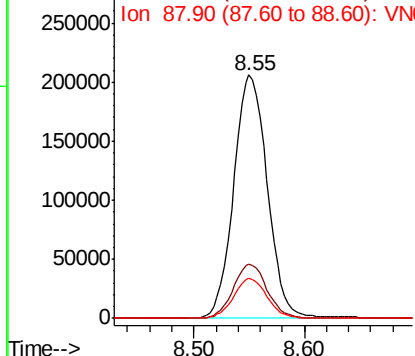
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063995.D
 Acq: 8 Oct 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ147-20200930

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	16.5	0.0	34.0

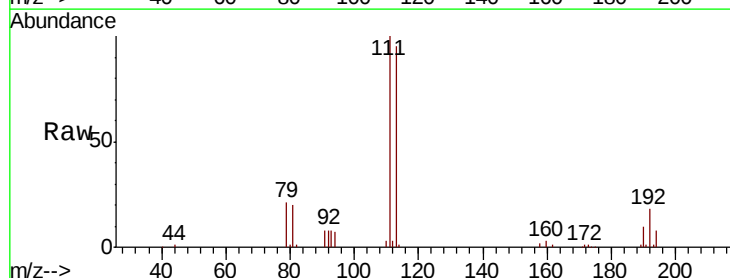


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

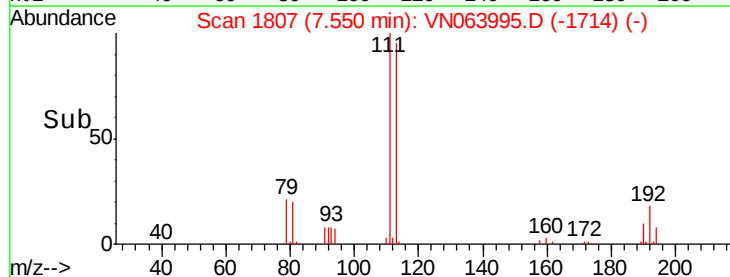
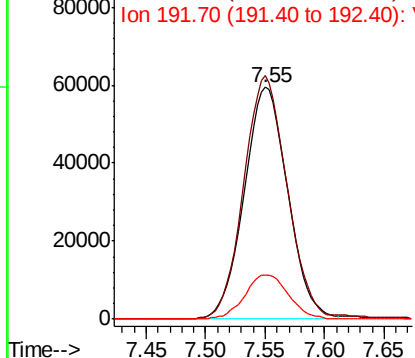


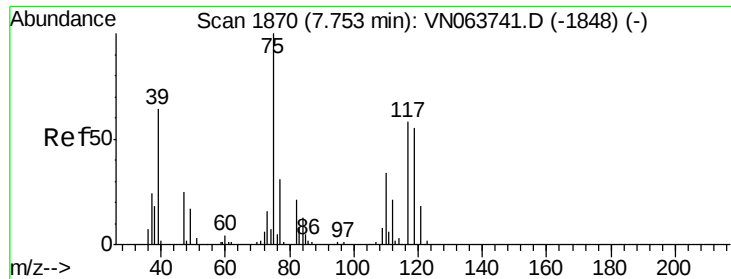
#35
 Dibromofluoromethane
 Concen: 49.999 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063995.D
 Acq: 8 Oct 2020 16:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.8	122.8
192	19.1	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: 4.874 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.12 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ147-20200930

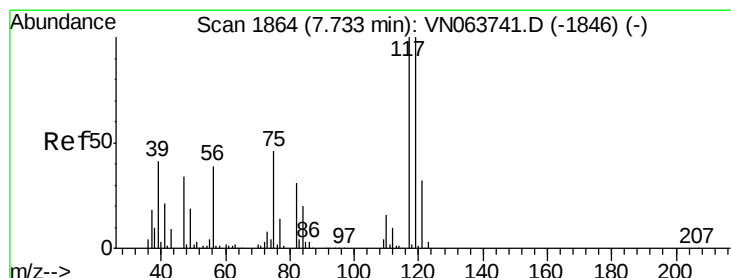
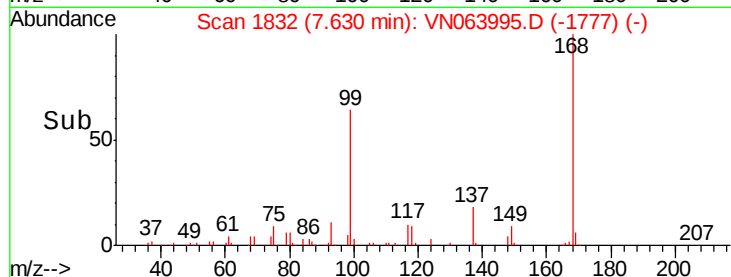
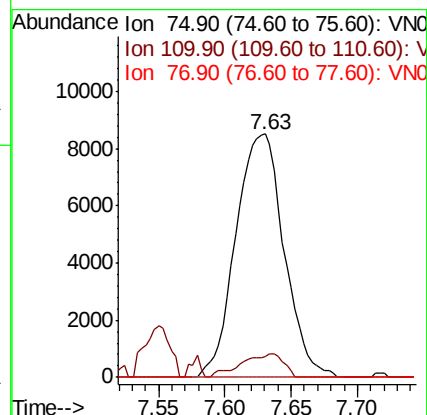
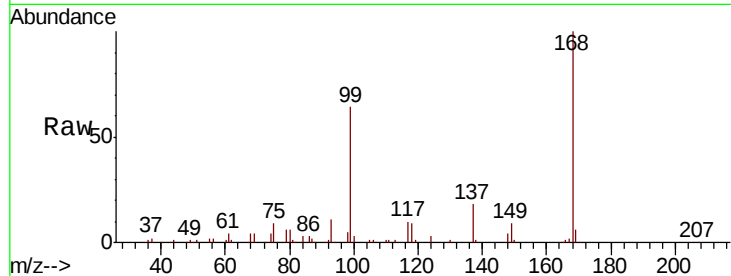
Tot Ion: 75 Resp: 21497

Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.392 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

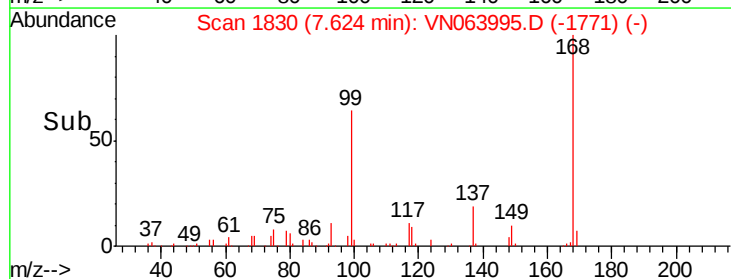
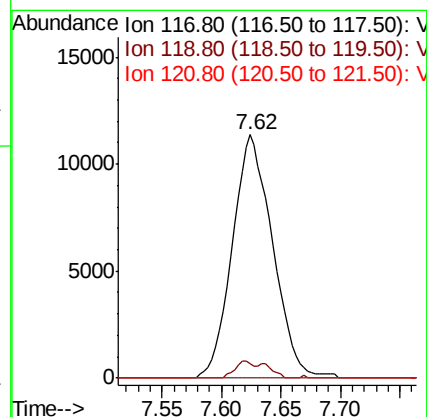
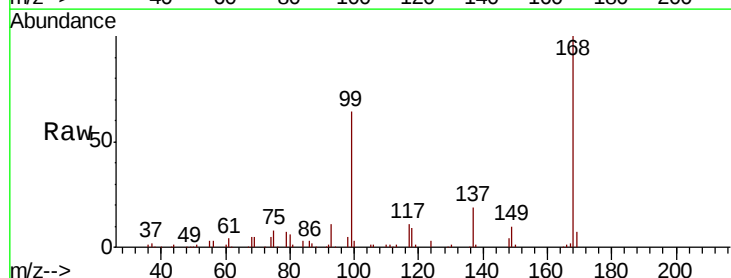
Tgt Ion: 117 Resp: 26667

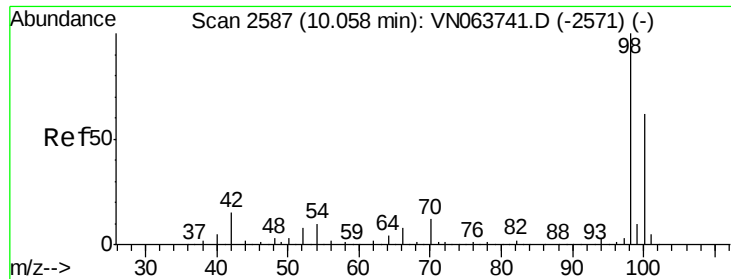
Ion Ratio Lower Upper

117 100

119 5.9 80.1 120.1#

121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

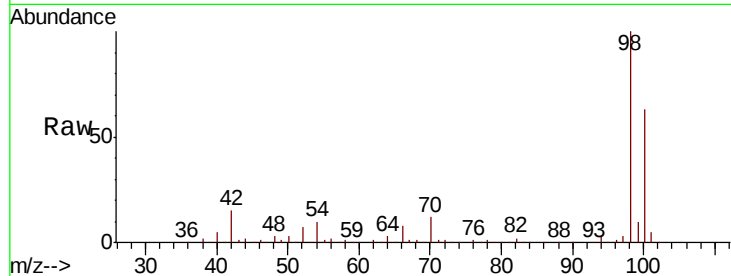
SA-PZ147-20200930

Tot Ion: 98 Resp: 561770

Ion Ratio Lower Upper

98 100

100 62.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

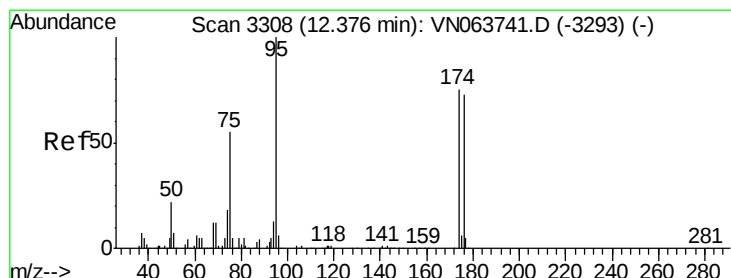
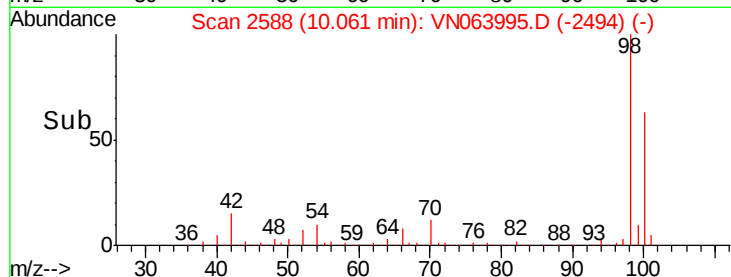
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.203 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

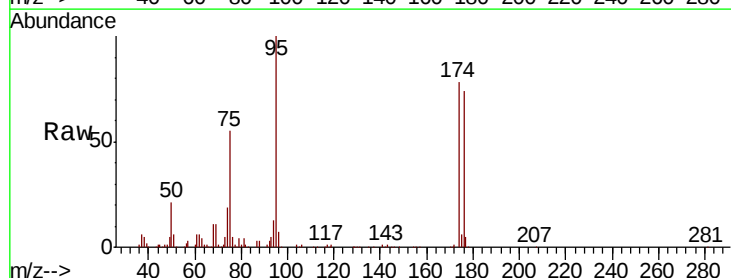
Tgt Ion: 95 Resp: 211790

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.6

176 75.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

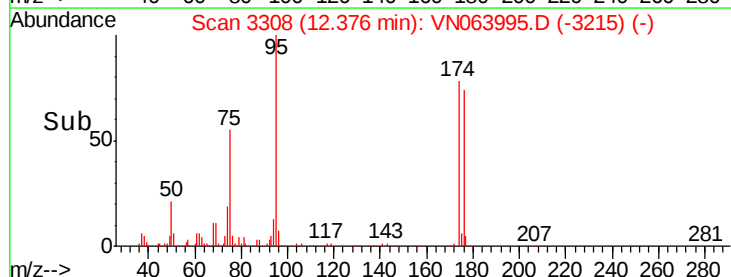
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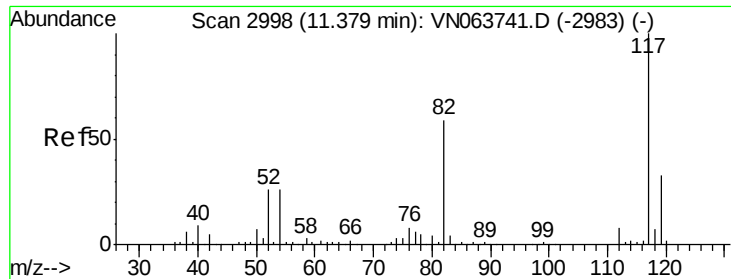
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50000

0

Time-->

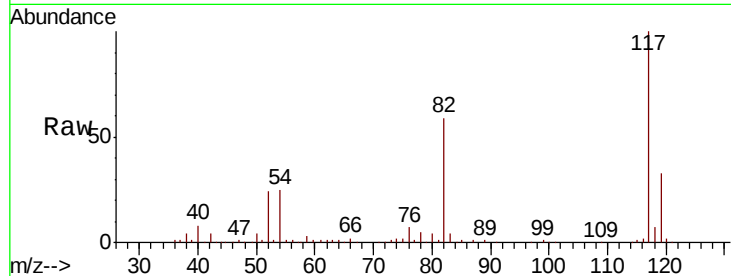




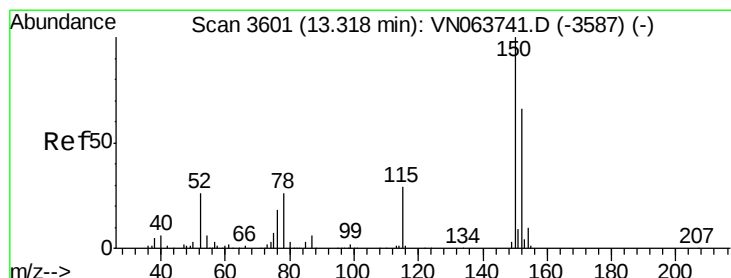
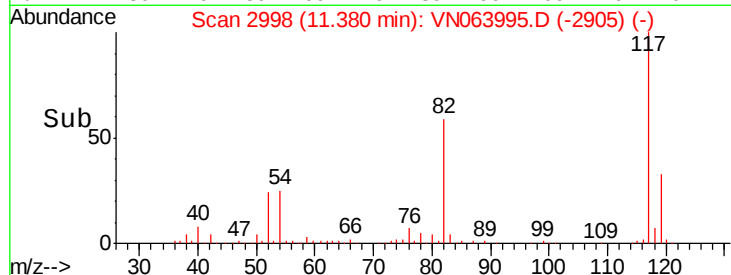
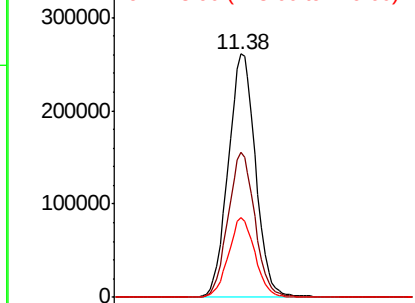
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063995.D
Acq: 8 Oct 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ147-20200930

Tot Ion:117 Resp: 461196
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.6 26.4 39.6

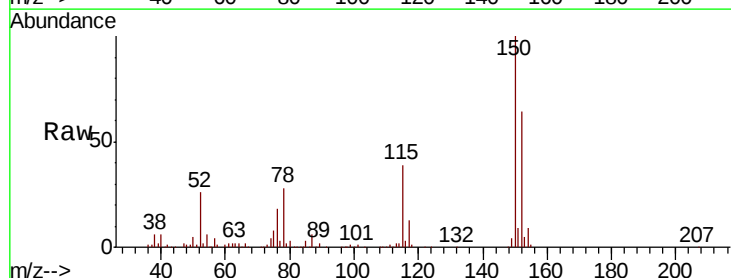


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

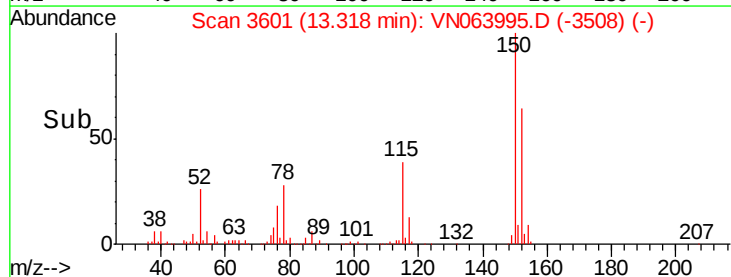
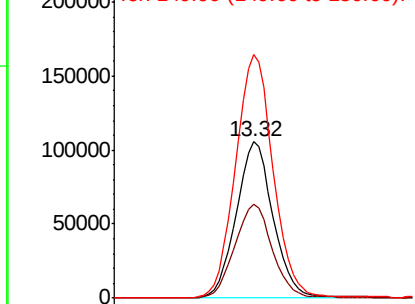


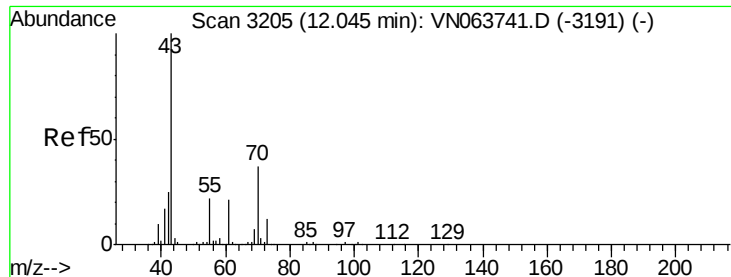
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063995.D
Acq: 8 Oct 2020 16:54

Tgt Ion:152 Resp: 174507
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 160.4 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-amvl acetate

Concen: 2.242 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ147-20200930

Tot Ion: 43 Resp: 161

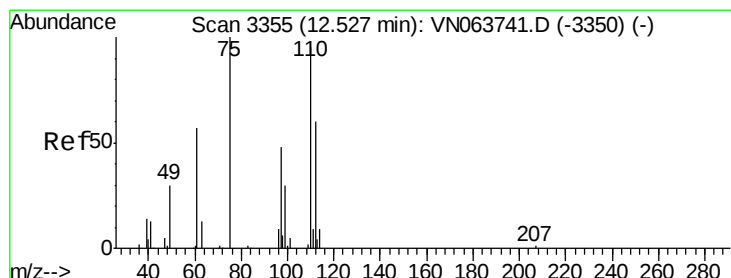
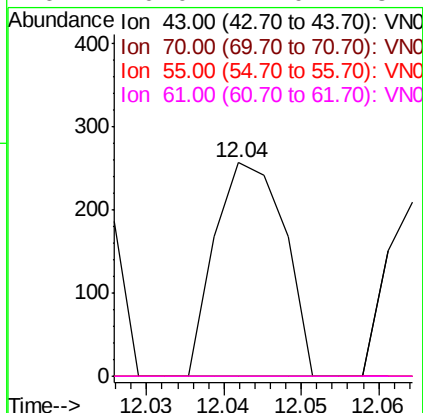
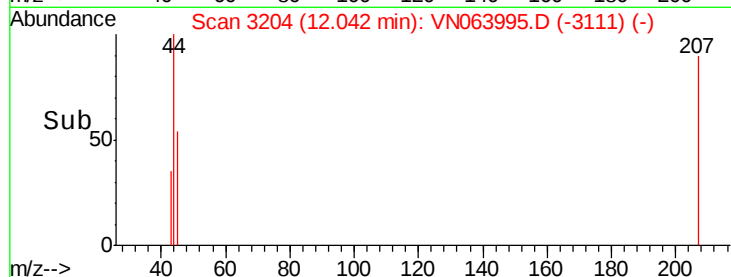
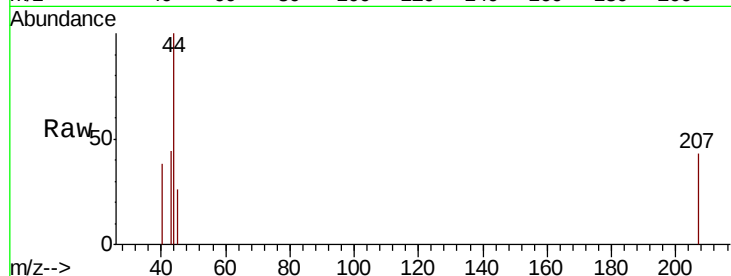
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



#76

1,2,3-Trichloropropane

Concen: 30.201 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063995.D

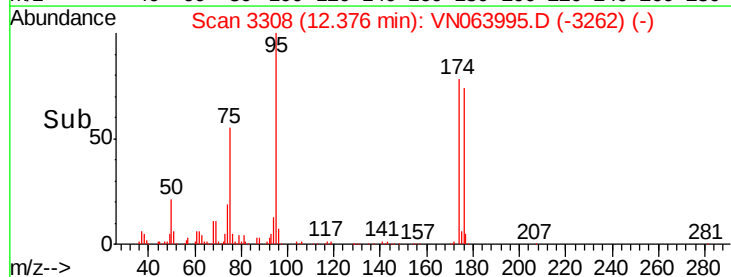
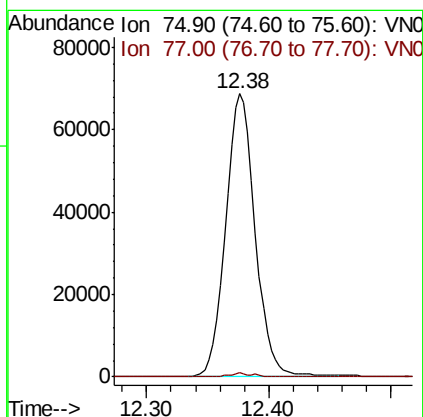
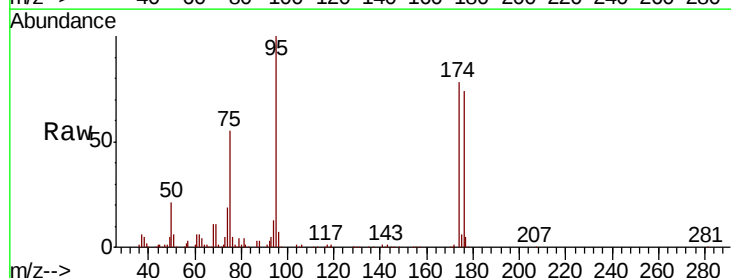
Acq: 8 Oct 2020 16:54

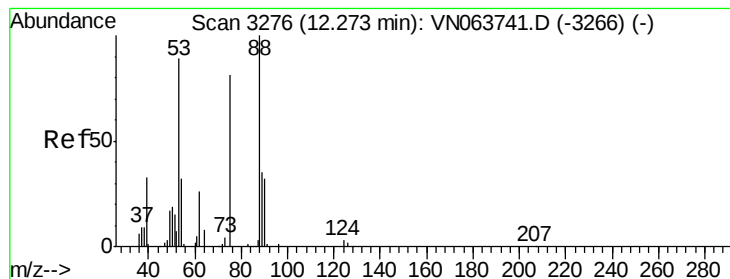
Tgt Ion: 75 Resp: 116179

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 86.984 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063995.D

Acq: 8 Oct 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ147-20200930

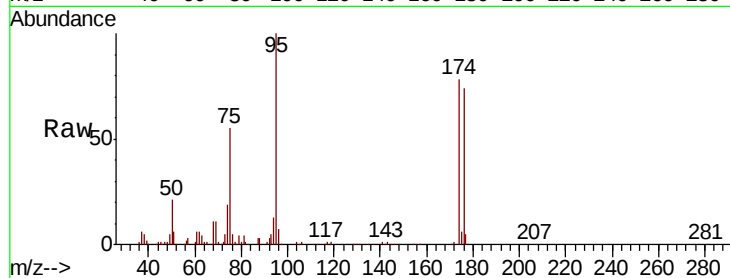
Tot Ion: 75 Resp: 116179

Ion Ratio Lower Upper

75 100

53 0.1 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

