

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101019\
 Data File : VN058645.D
 Acq On : 9 Oct 2019 17:20
 Operator : JC/SP
 Sample : K5261-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2019-9

Quant Time: Oct 10 04:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

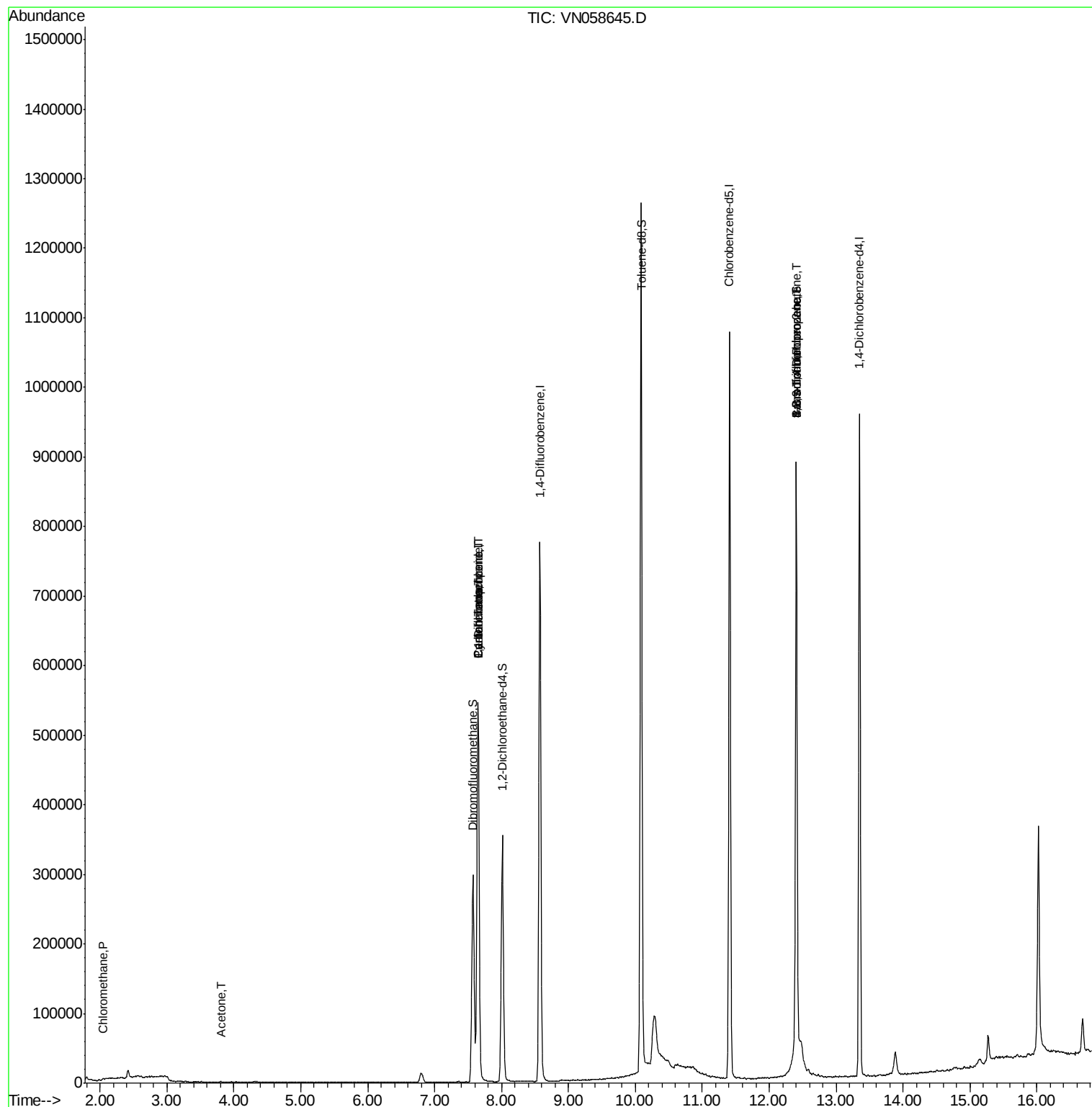
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	439257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309483	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	7.57	113	225812	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.09	98	874018	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.40	95	284729	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1560	0.295	ug/l	99
16) Acetone	3.80	43	890	0.407	ug/l #	47
31) Cyclohexane	7.65	56	10115	1.139	ug/l #	3
36) 1,1-Dichloropropene	7.65	75	36871	5.636	ug/l #	46
38) Carbon Tetrachloride	7.65	117	44016	7.454	ug/l #	16
71) Bromoform	12.40	173	1718	1.294	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	154481	34.703	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	154481	105.397	ug/l #	7

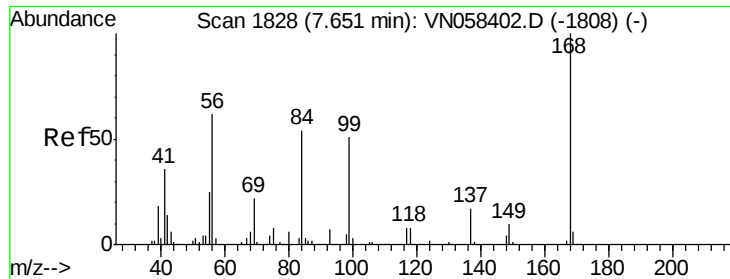
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

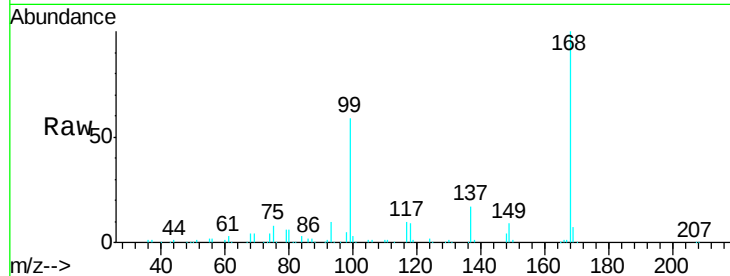
S49-TB-2019-9

Tgt Ion:168 Resp: 439257

Ion Ratio Lower Upper

168 100

99 58.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

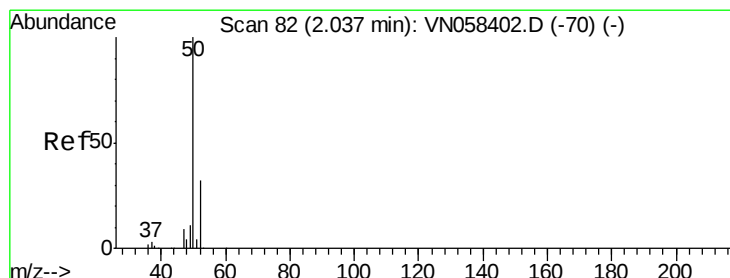
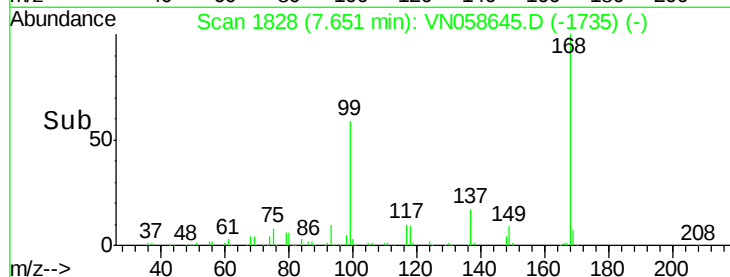
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.295 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058645.D

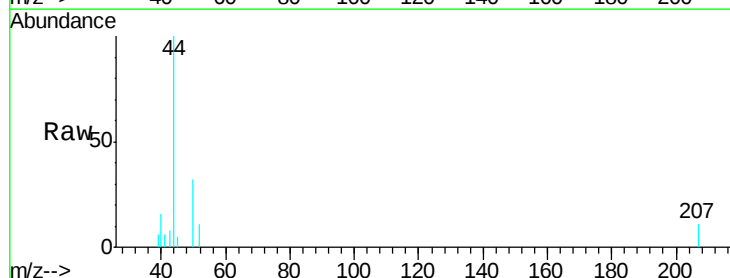
Acq: 9 Oct 2019 17:20

Tgt Ion: 50 Resp: 1560

Ion Ratio Lower Upper

50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1200

1000

800

600

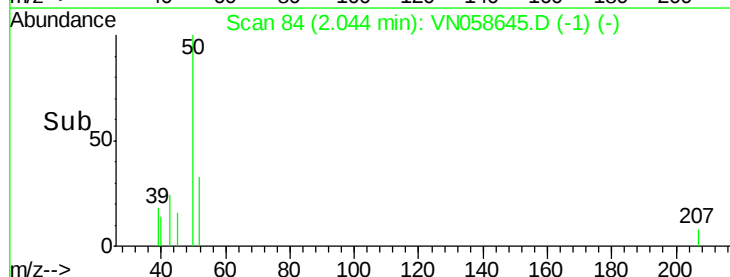
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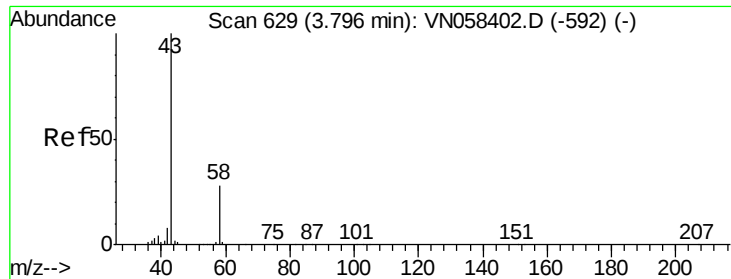
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0

2.00 2.02 2.04 2.06 2.08

Time-->

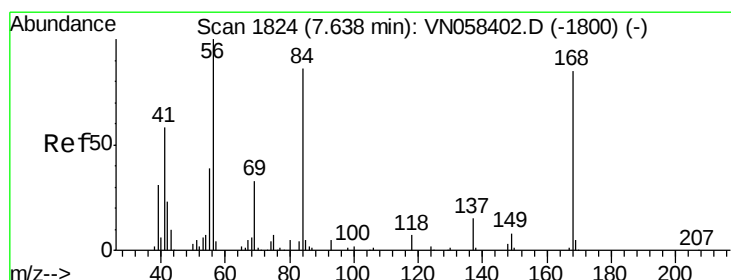
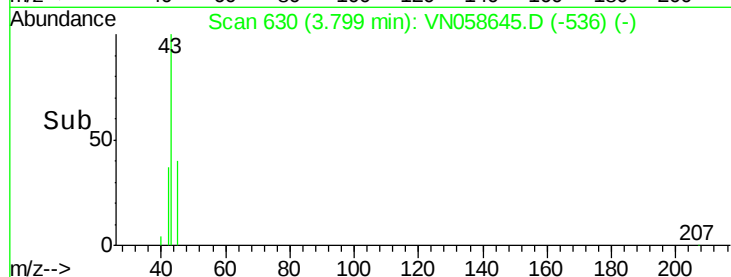
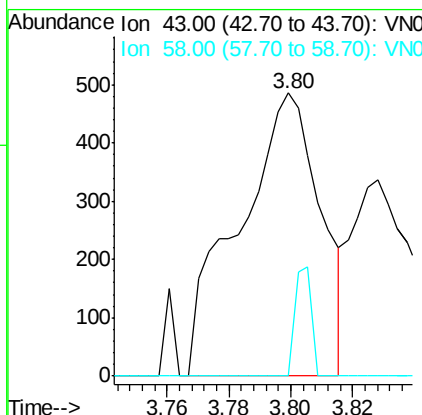
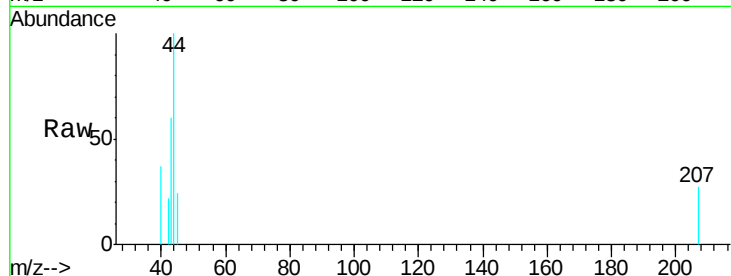




#16
Acetone
Concen: 0.407 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

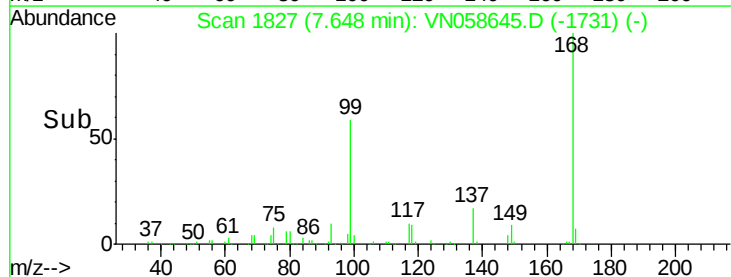
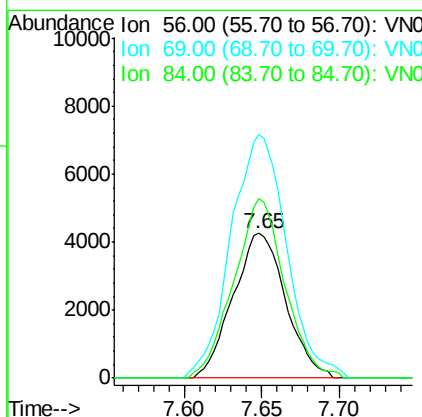
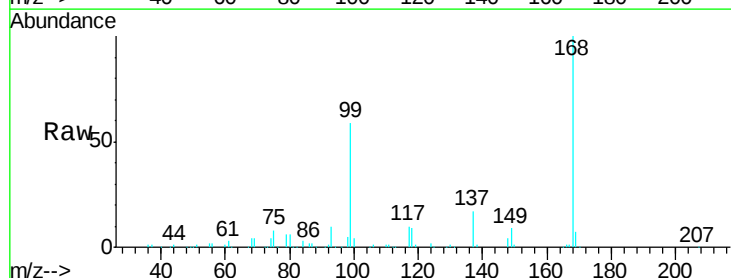
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MSVOA_N
ClientSampled :
S49-TB-2019-9

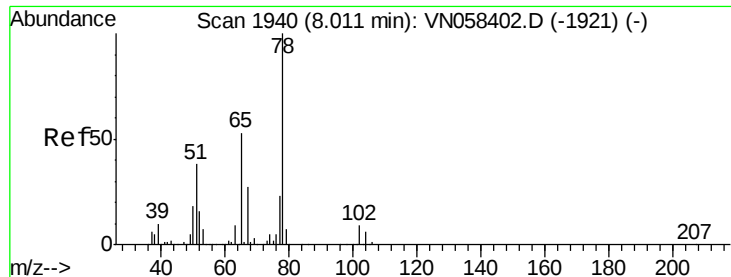
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

Tgt Ion: 56 Resp: 10115
Ion Ratio Lower Upper
56 100
69 164.3 26.2 39.4#
84 124.0 67.6 101.4#

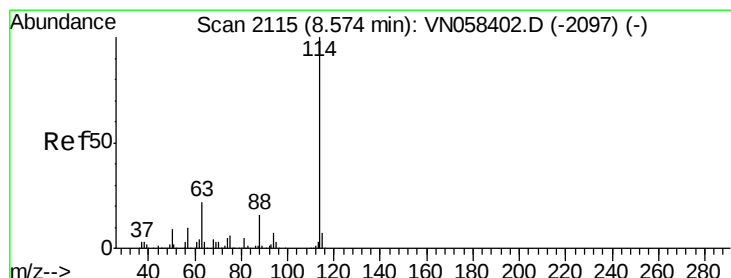
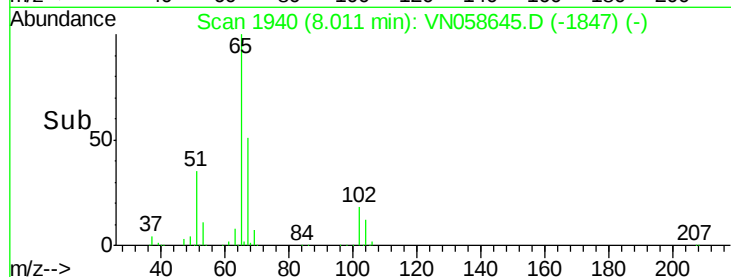
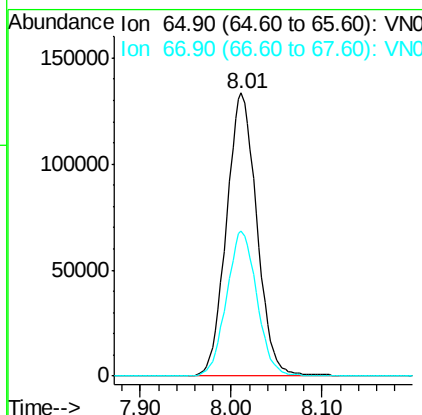
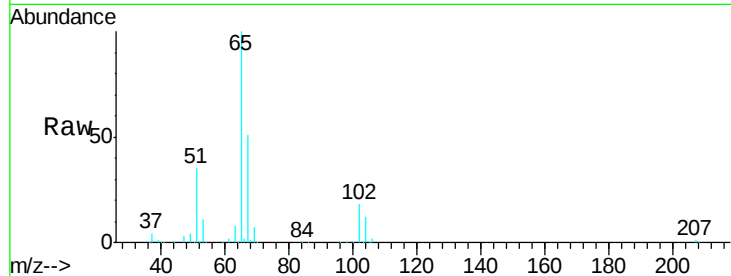




#33
 1,2-Dichloroethane-d4
 Concen: 48.213 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058645.D
 Acq: 9 Oct 2019 17:20

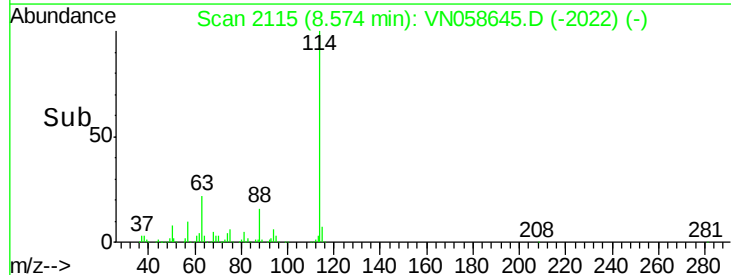
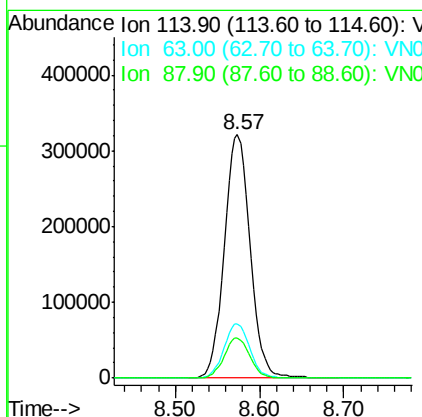
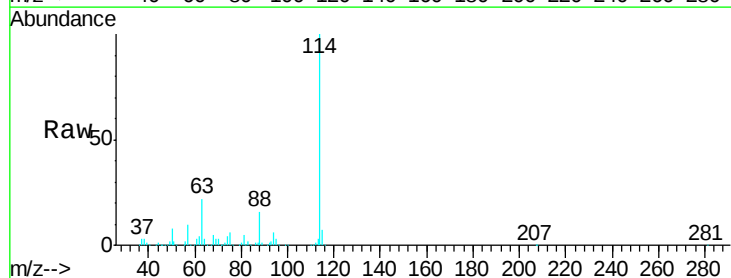
Instrument :
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 ClientSampleId :
 S49-TB-2019-9

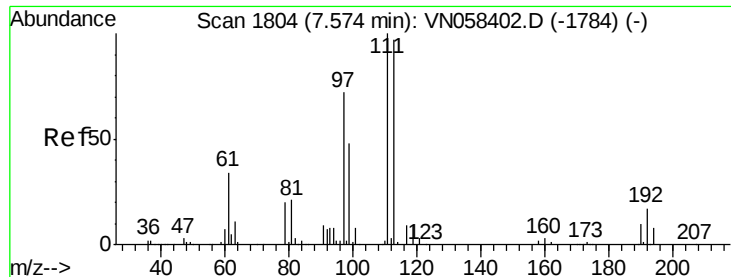
Tgt Ion: 65 Resp: 309483
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058645.D
 Acq: 9 Oct 2019 17:20

Tgt Ion: 114 Resp: 684144
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 16.5 0.0 32.2

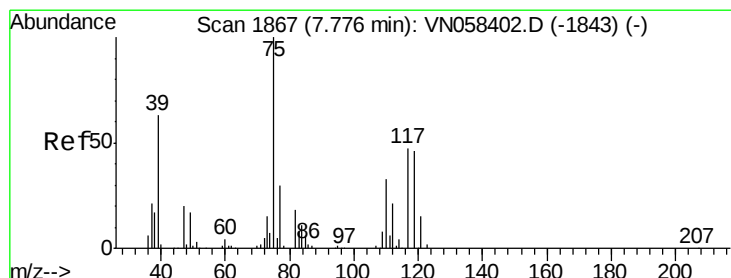
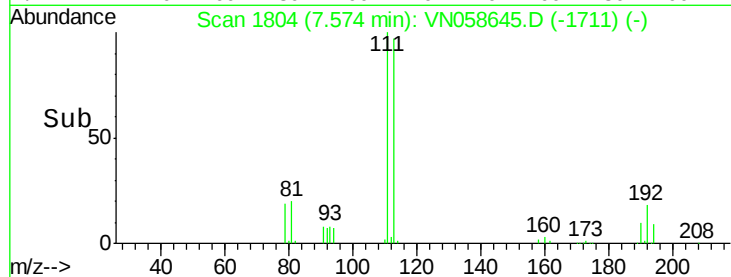
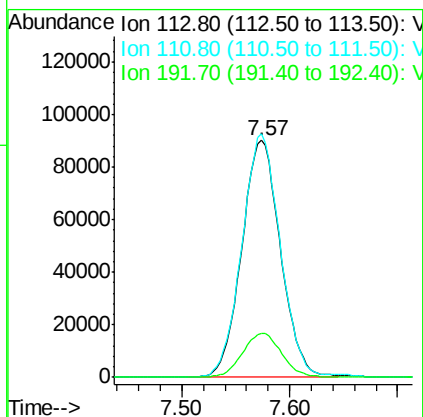
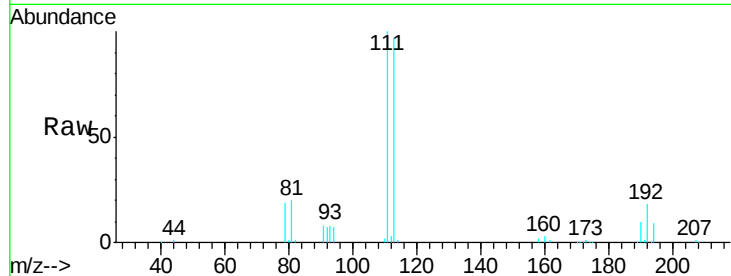




#35
 Dibromofluoromethane
 Concen: 53.854 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058645.D
 Acq: 9 Oct 2019 17:20

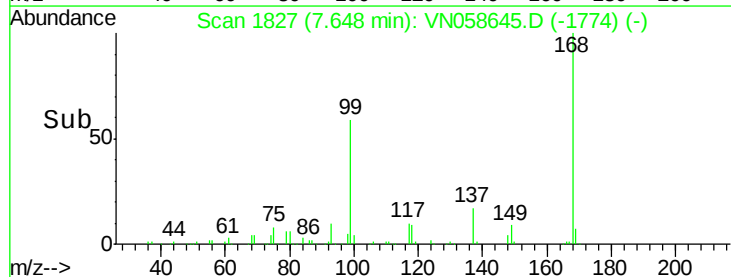
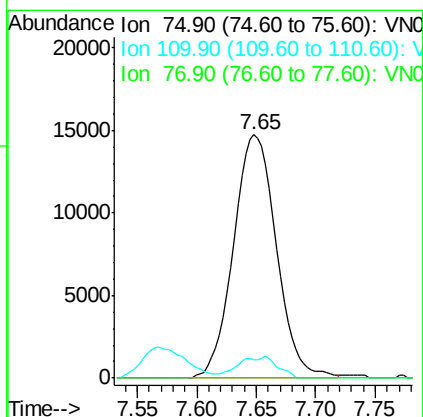
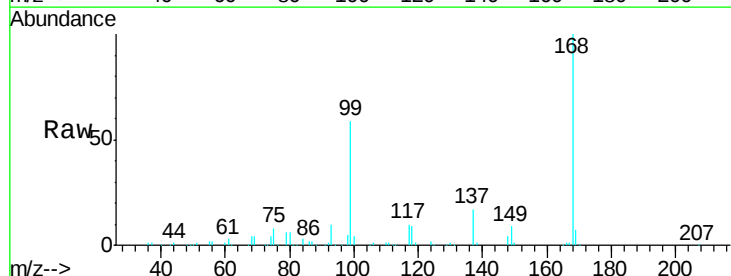
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 S49-TB-2019-9

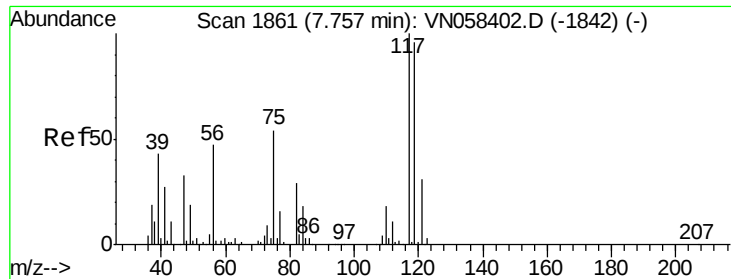
Tgt Ion: 113 Resp: 225812
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.2
 192 18.7 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.636 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058645.D
 Acq: 9 Oct 2019 17:20

Tgt Ion: 75 Resp: 36871
 Ion Ratio Lower Upper
 75 100
 110 3.2 16.4 49.2#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 7.454 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

S49-TB-2019-9

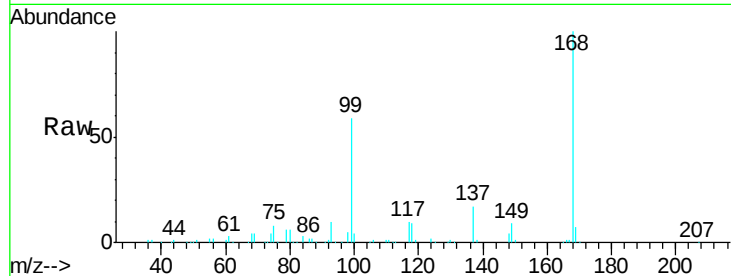
Tgt Ion:117 Resp: 44016

Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

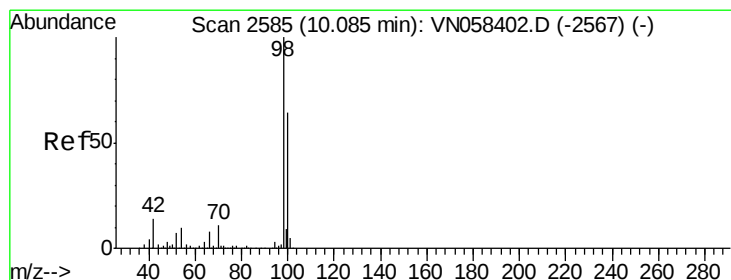
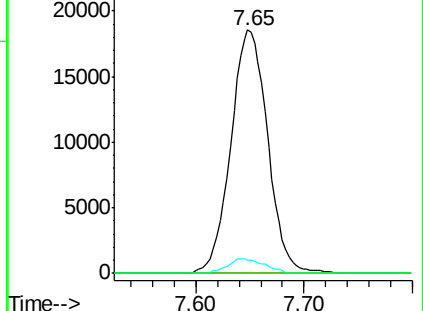
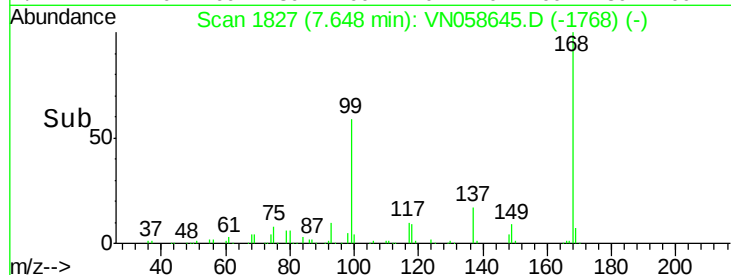
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 53.210 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058645.D

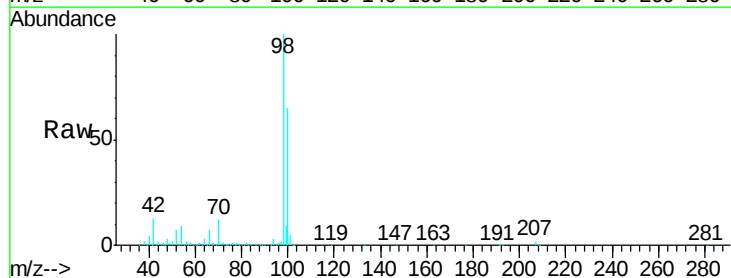
Acq: 9 Oct 2019 17:20

Tgt Ion: 98 Resp: 874018

Ion Ratio Lower Upper

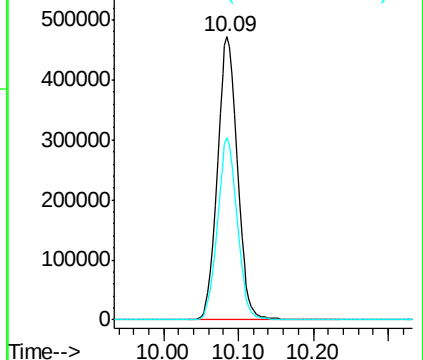
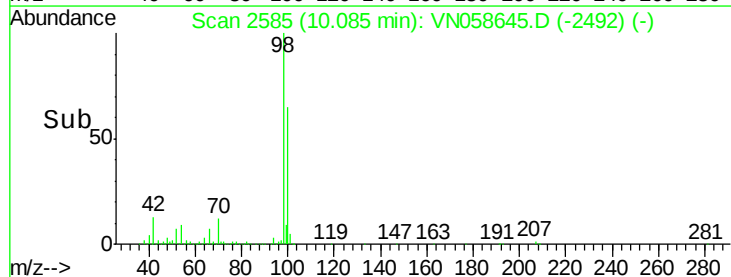
98 100

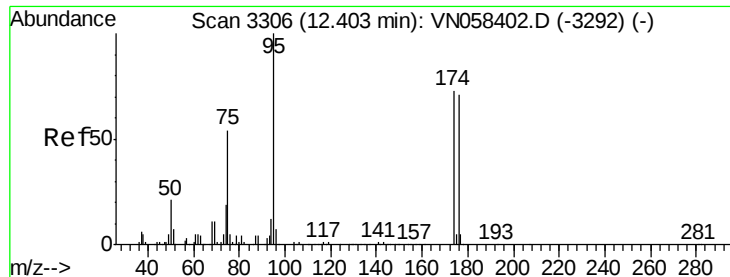
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

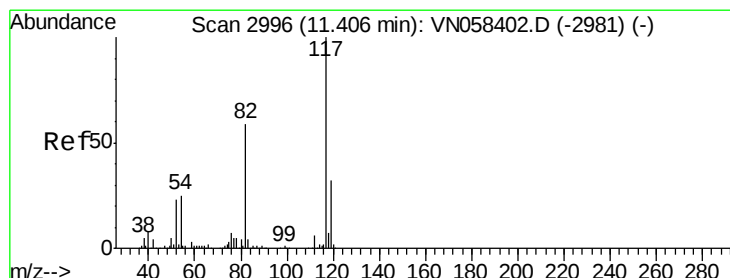
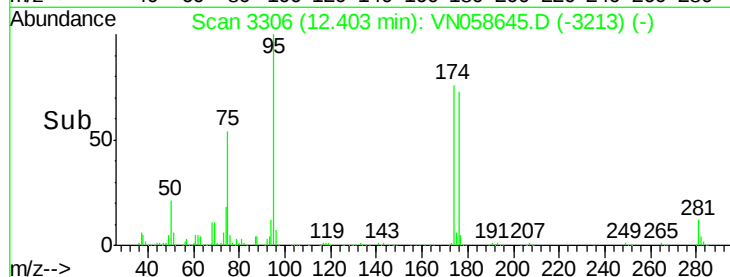
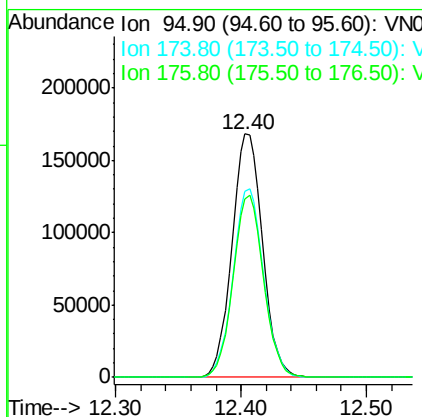
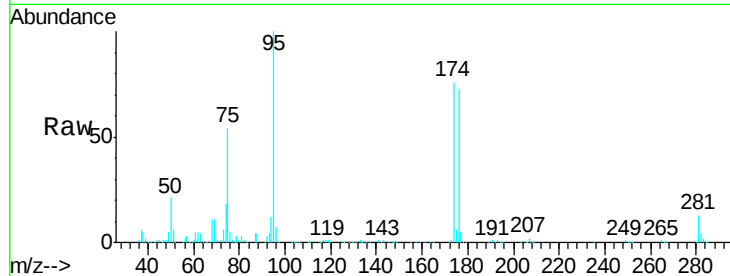




#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

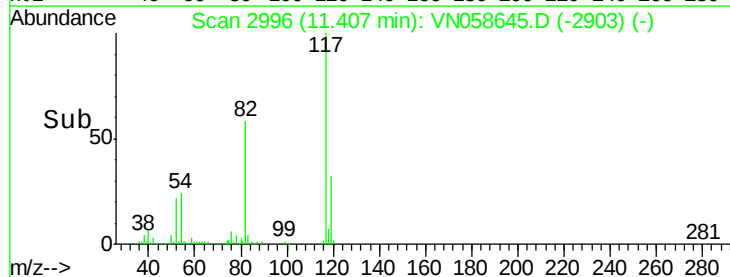
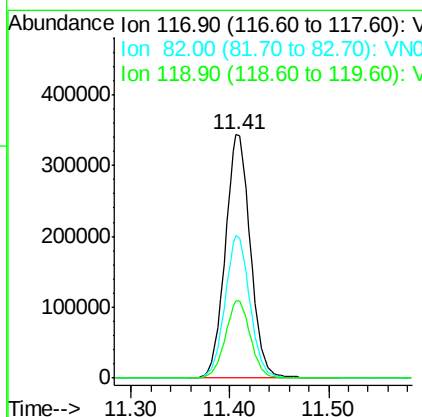
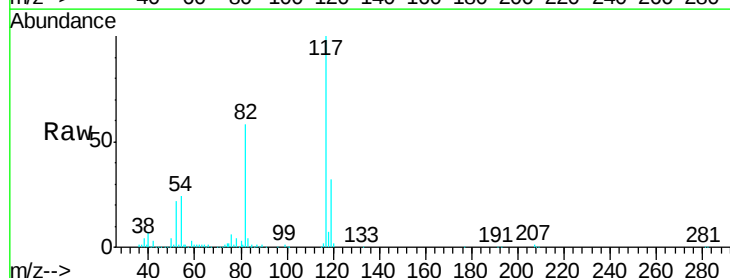
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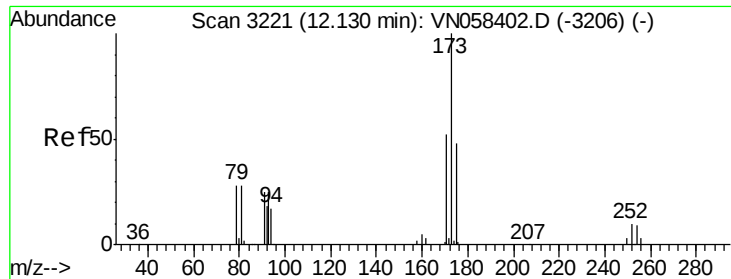
Tgt Ion: 95 Resp: 284729
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 74.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

Tgt Ion: 117 Resp: 611074
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.7 25.5 38.3

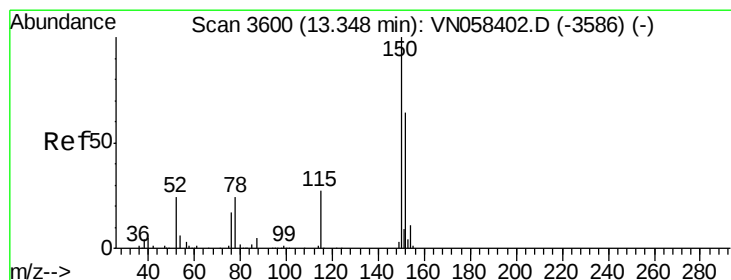
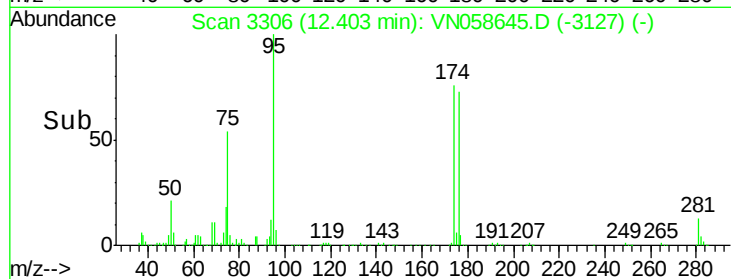
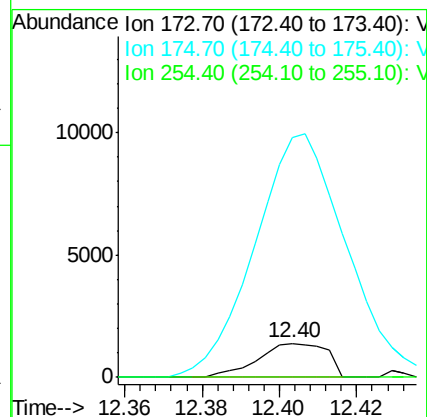
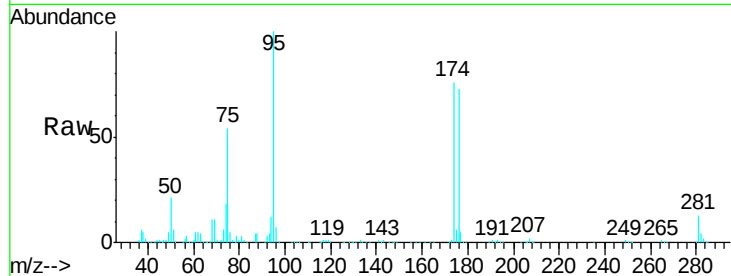




#71
Bromoform
Concen: 1.294 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

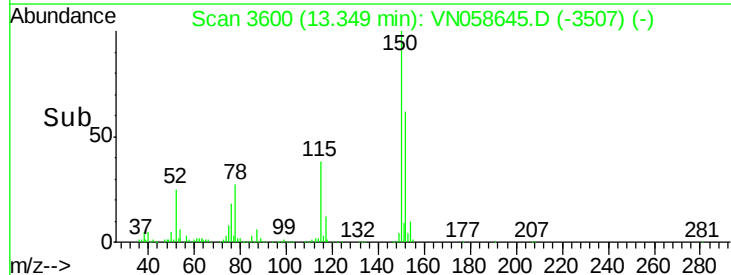
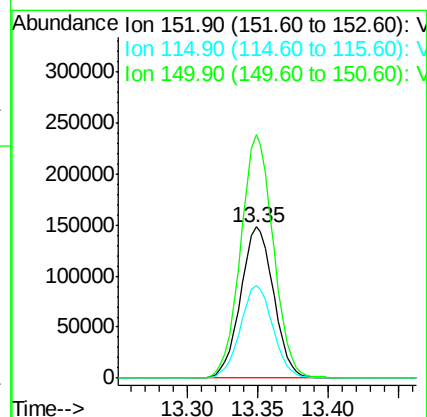
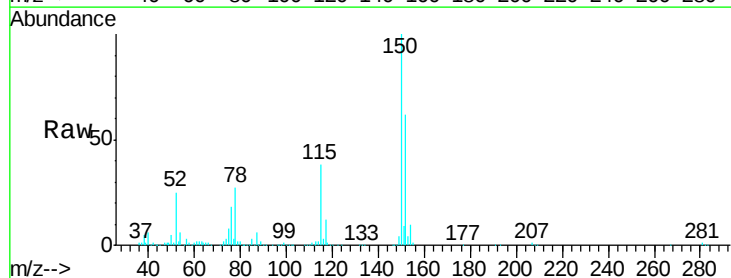
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MSVOA_N
ClientSampled :
S49-TB-2019-9

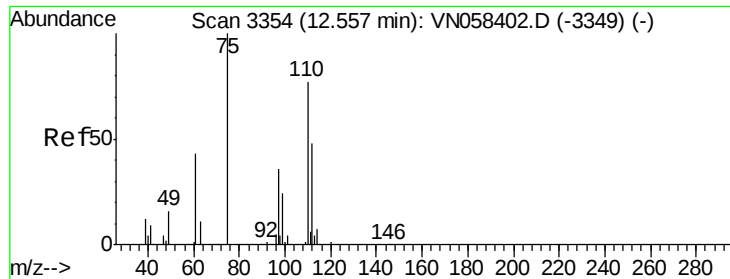
Tgt Ion:173 Resp: 1718
Ion Ratio Lower Upper
173 100
175 813.3 24.3 73.0#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

Tgt Ion:152 Resp: 243719
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.0
150 159.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 34.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

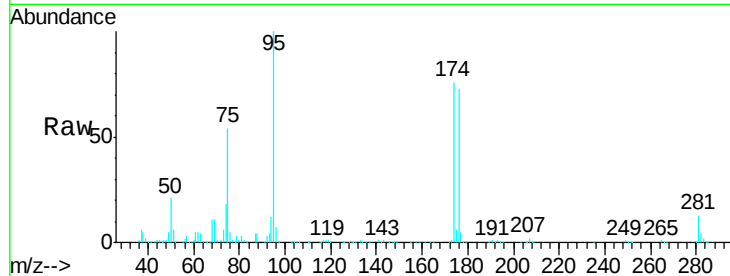
S49-TB-2019-9

Tgt Ion: 75 Resp: 154481

Ion Ratio Lower Upper

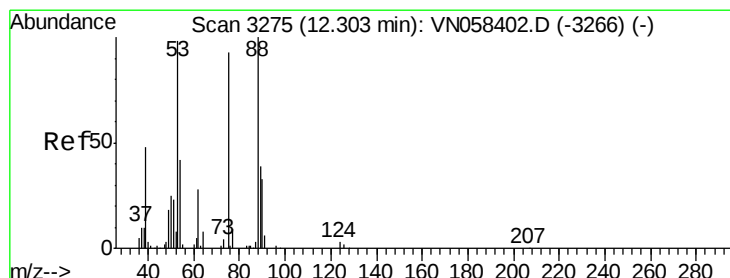
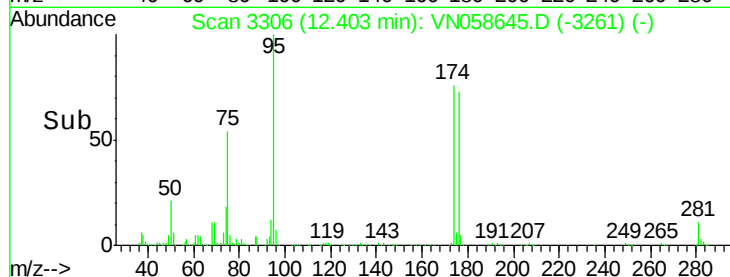
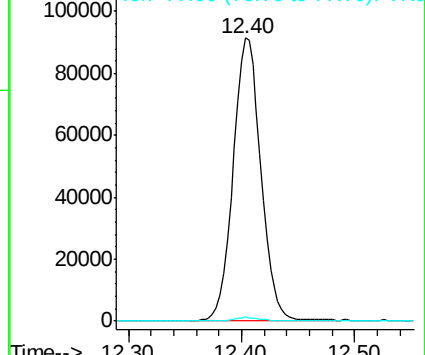
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 105.397 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

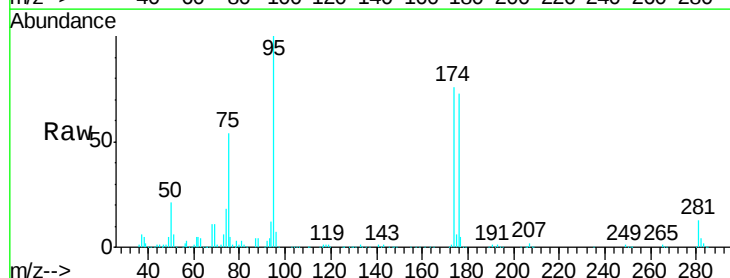
Tgt Ion: 75 Resp: 154481

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#



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

