

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058457.D
 Acq On : 1 Oct 2019 12:13
 Operator : JC/SP
 Sample : K5110-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Oct 02 01:26:02 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	399909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208179	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	291468	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
35) Dibromofluoromethane	7.57	113	204596	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	10.08	98	815869	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.41	95	253149	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	

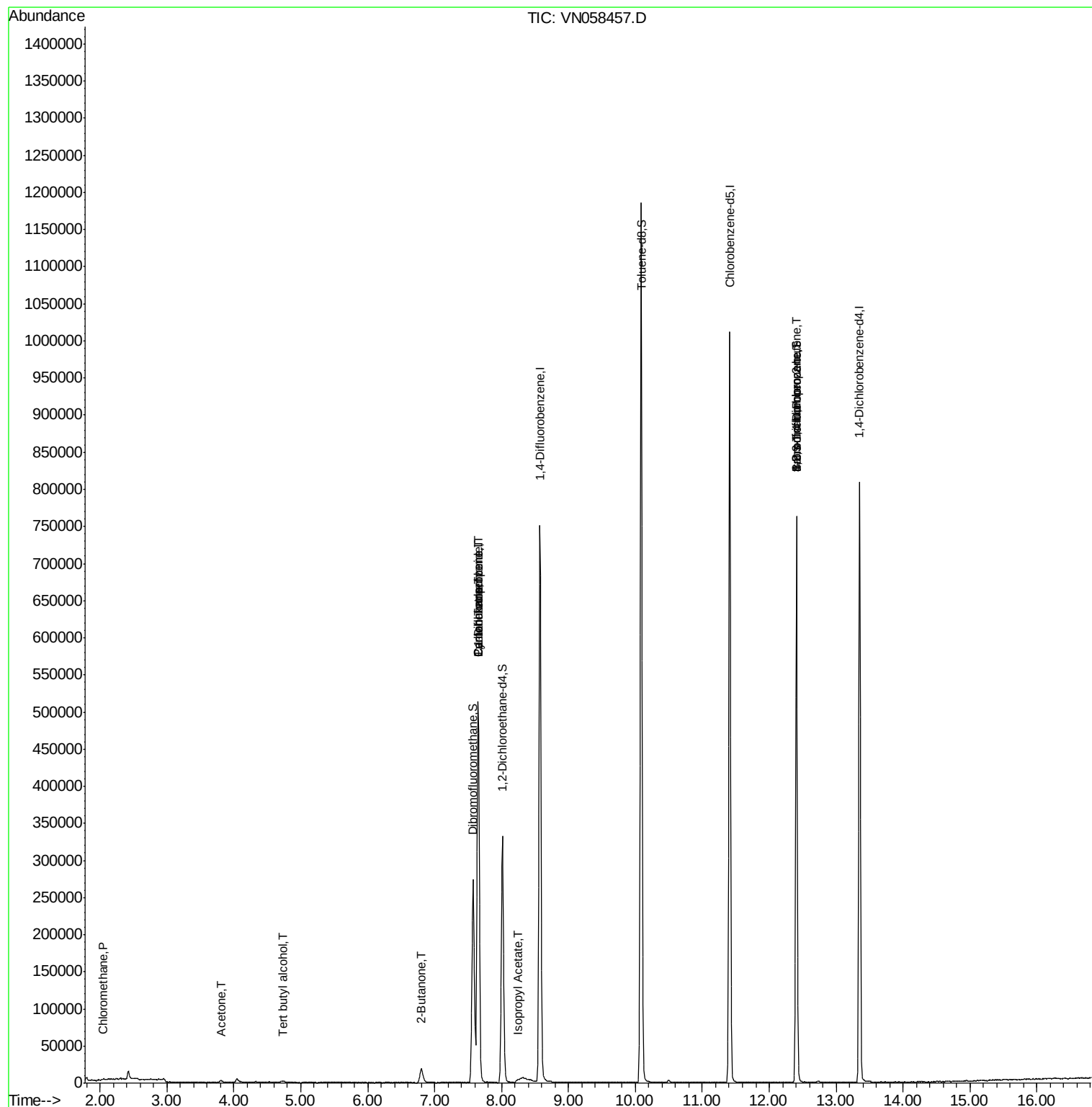
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1023	0.212	ug/l #	59
11) Tert butyl alcohol	4.73	59	2759	4.250	ug/l #	71
16) Acetone	3.80	43	4300	2.158	ug/l	95
25) 2-Butanone	6.81	43	955	0.349	ug/l #	50
31) Cyclohexane	7.65	56	10066	1.245	ug/l #	17
36) 1,1-Dichloropropene	7.65	75	35845	5.774	ug/l #	51
38) Carbon Tetrachloride	7.65	117	42112	7.516	ug/l #	16
43) Isopropyl Acetate	8.24	43	3057	0.309	ug/l #	63
71) Bromoform	12.41	173	1667	1.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	138395	36.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	138395	110.541	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.30	180	31	Below Cal	#	1

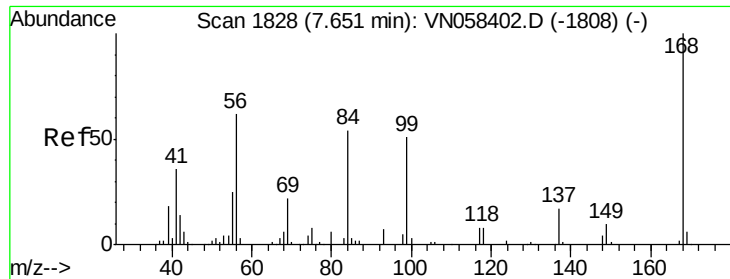
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

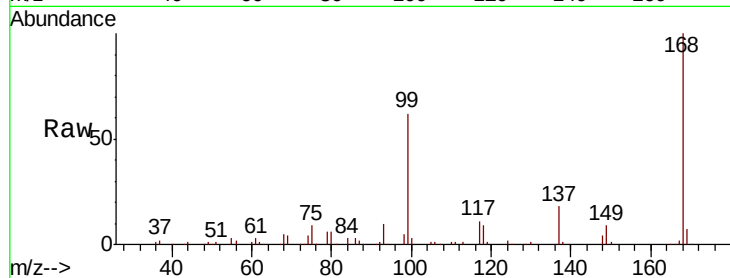
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Tot Ion:168 Resp: 399909

Ion Ratio Lower Upper

168 100

99 62.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

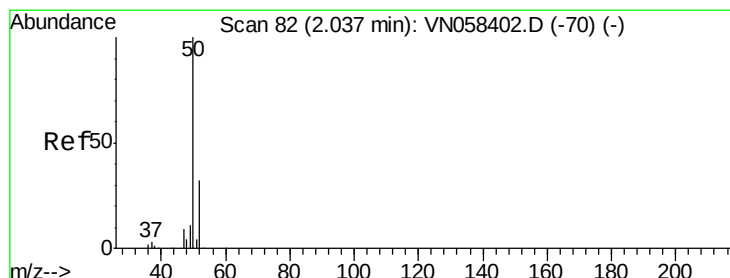
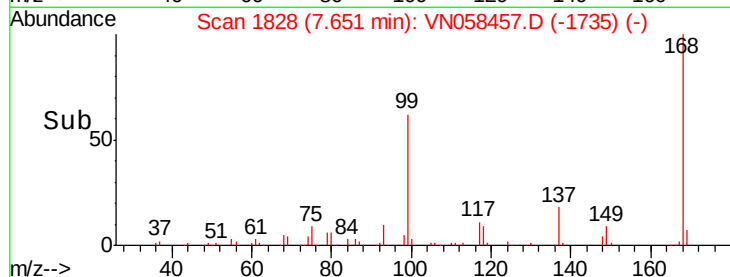
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.212 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058457.D

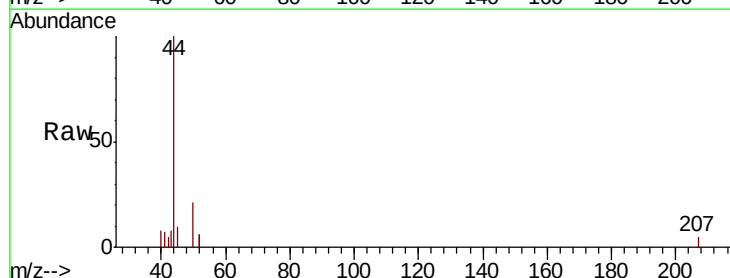
Acq: 1 Oct 2019 12:13

Tgt Ion: 50 Resp: 1023

Ion Ratio Lower Upper

50 100

52 55.6 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN058402.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058402.D (-70) (-)

2.04

800

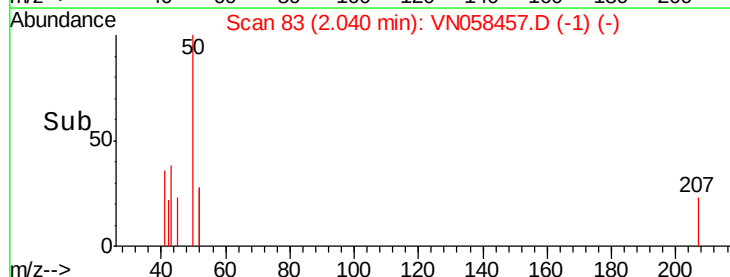
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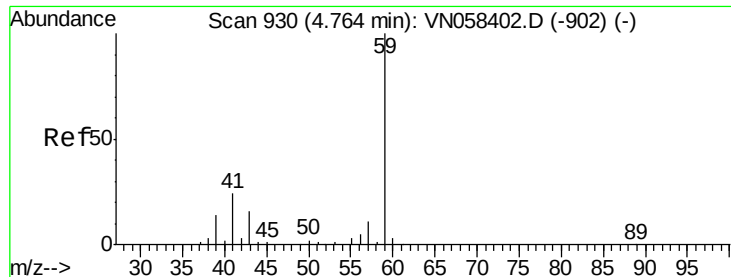
400

200

0

Time-->



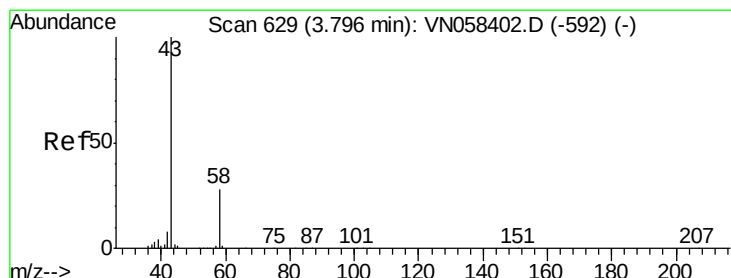
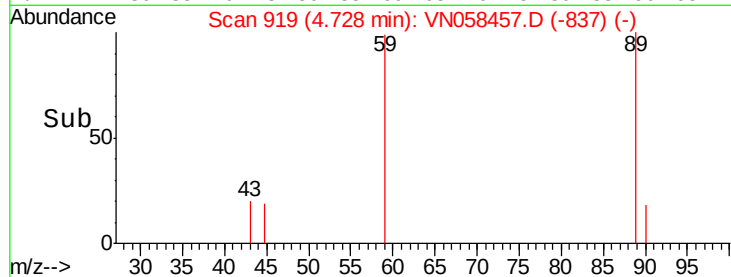
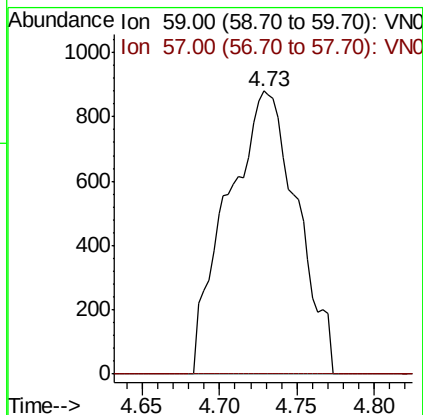
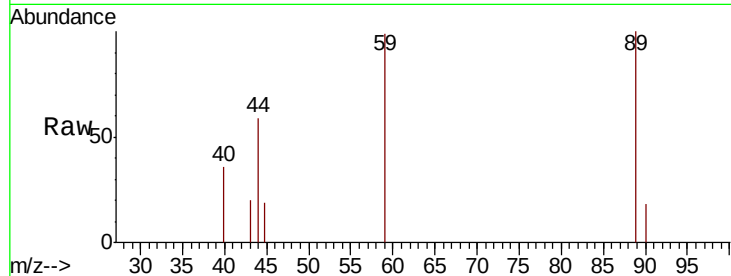


#11

Tert butyl alcohol
 Concen: 4.250 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.04 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
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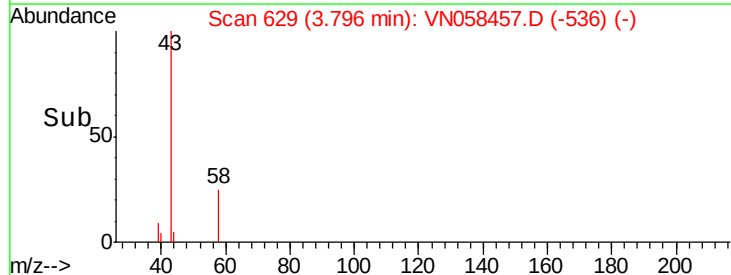
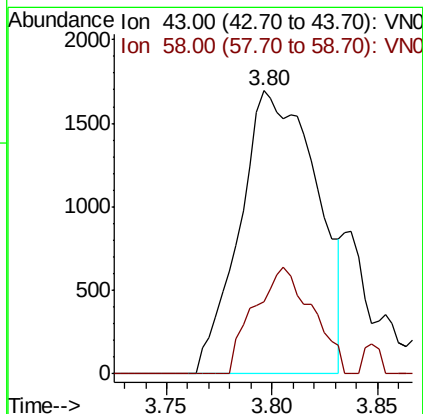
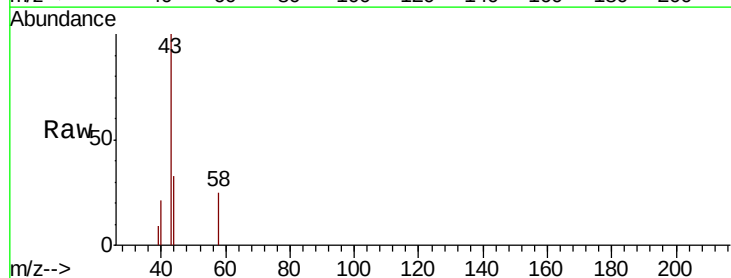
Tot Ion: 59 Resp: 2759
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

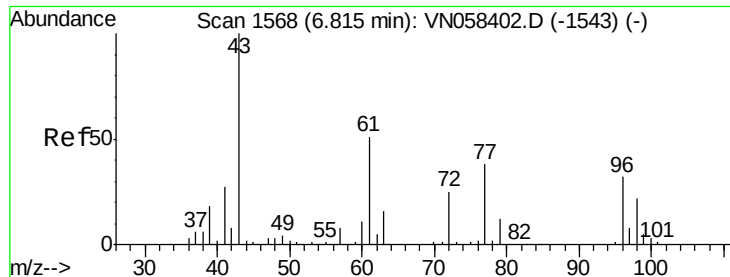


#16

Acetone
 Concen: 2.158 ug/l
 RT: 3.80 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Tgt Ion: 43 Resp: 4300
 Ion Ratio Lower Upper
 43 100
 58 25.3 22.4 33.6





#25

2-Butanone

Concen: 0.349 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

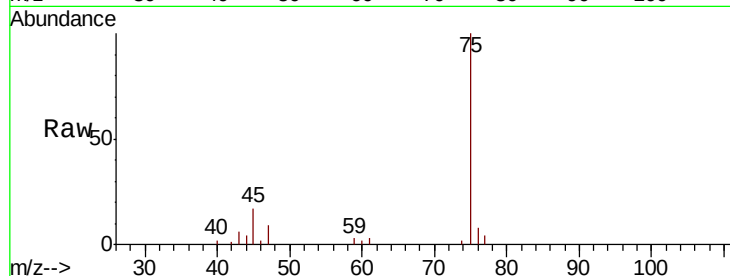
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Tot Ion: 43 Resp: 955

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

800

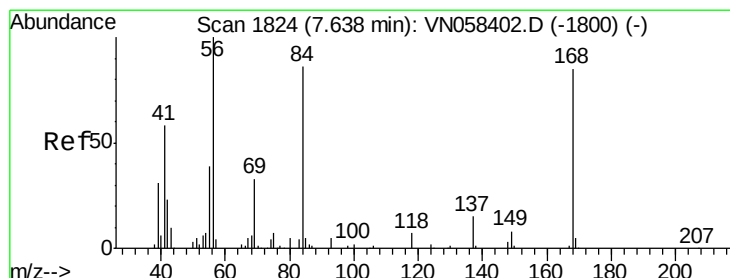
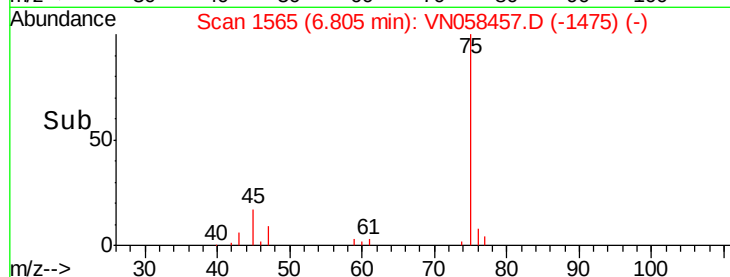
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

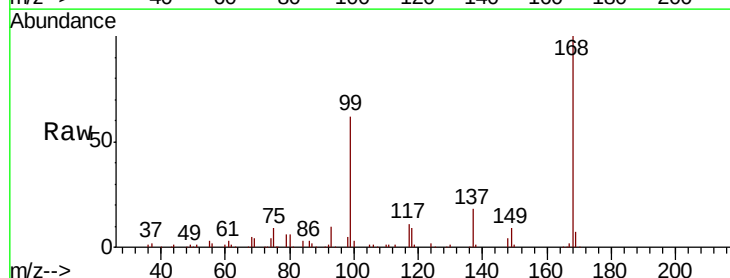
Tgt Ion: 56 Resp: 10066

Ion Ratio Lower Upper

56 100

69 167.9 26.2 39.4#

84 104.2 67.6 101.4#



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

8000

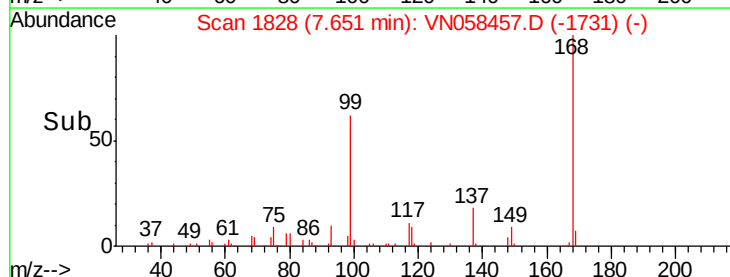
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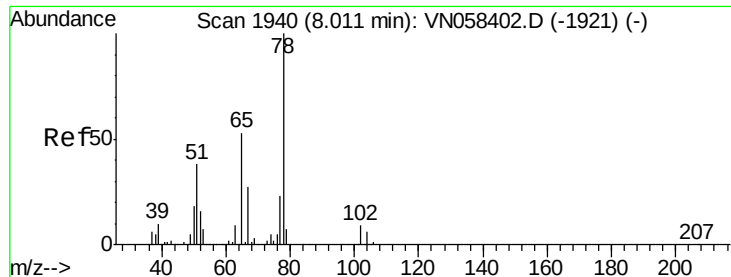
4000

2000

0

Time-->

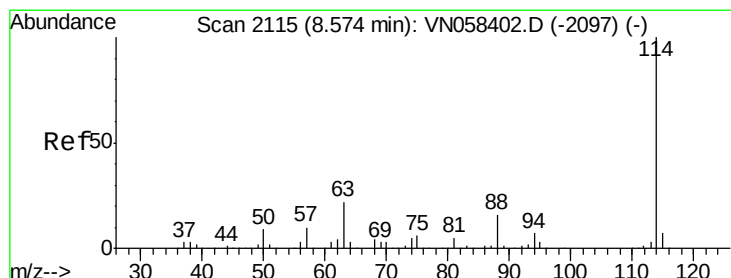
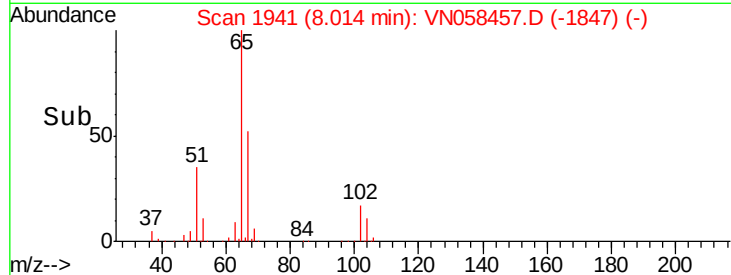
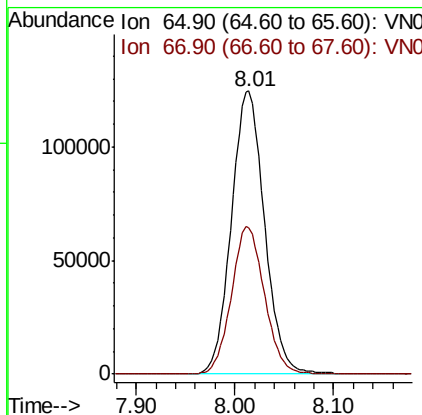
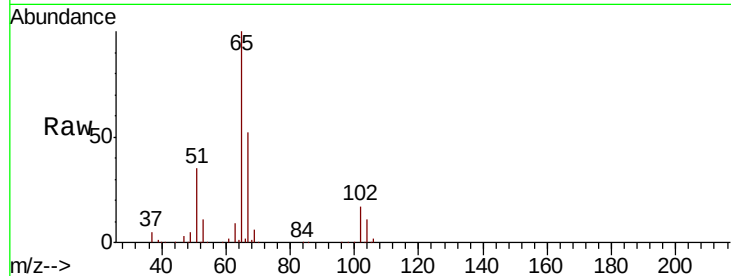




#33
 1,2-Dichloroethane-d4
 Concen: 49.875 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

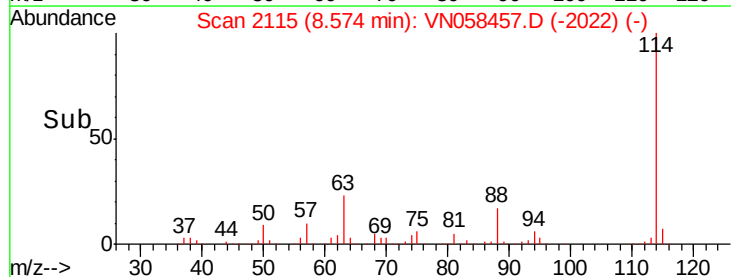
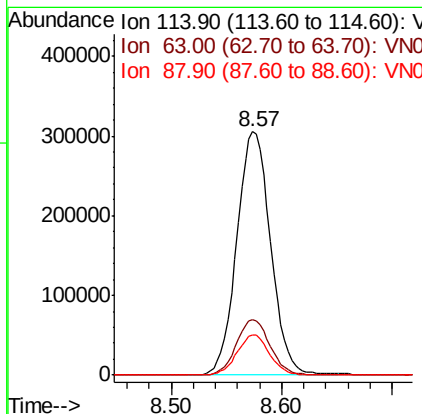
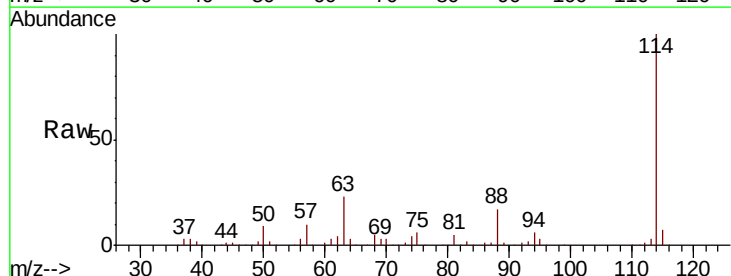
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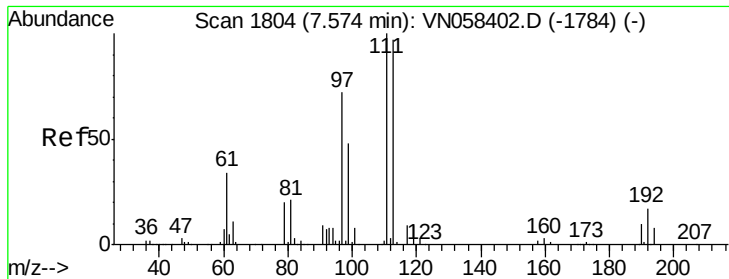
Tot Ion: 65 Resp: 291468
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Tgt Ion: 114 Resp: 649207
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.6 0.0 32.2

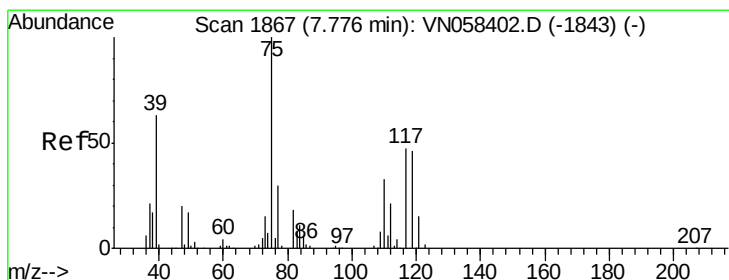
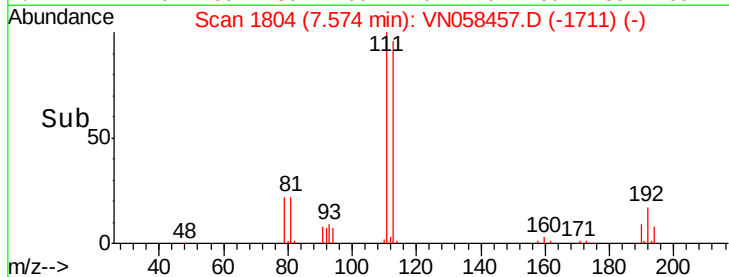
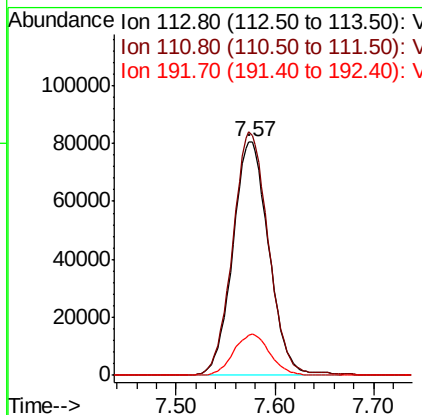
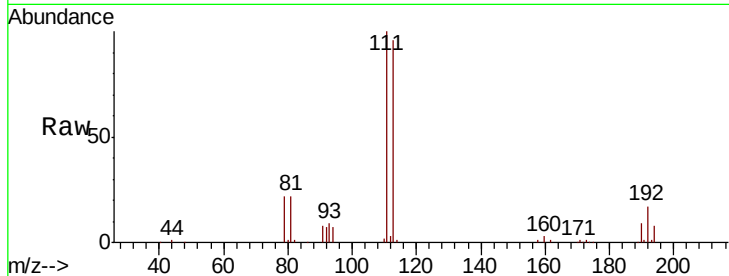




#35
 Dibromofluoromethane
 Concen: 51.420 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

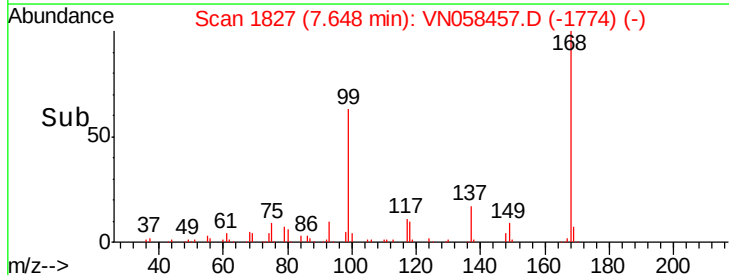
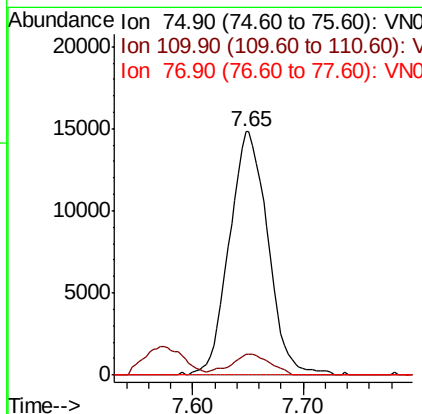
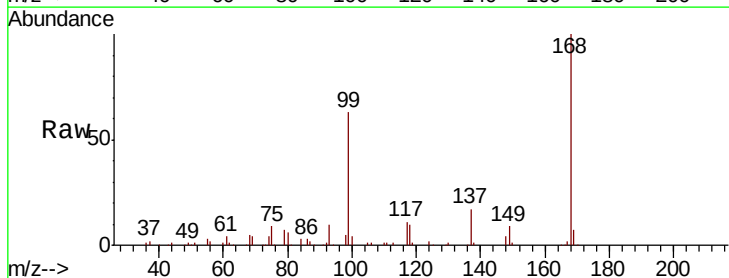
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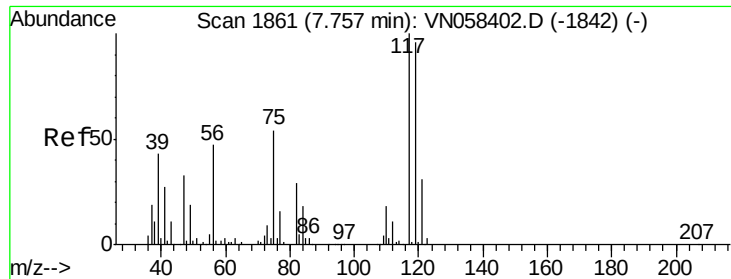
Tot Ion:113 Resp: 204596
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.4 125.2
 192 17.8 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.774 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Tgt Ion: 75 Resp: 35845
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.2#
 77 0.0 24.3 36.5#

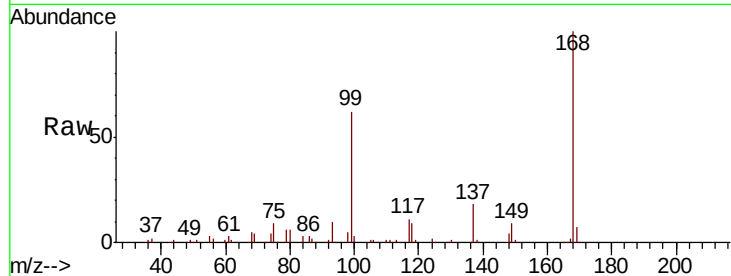




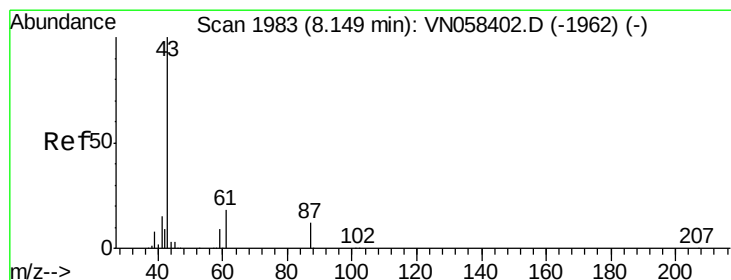
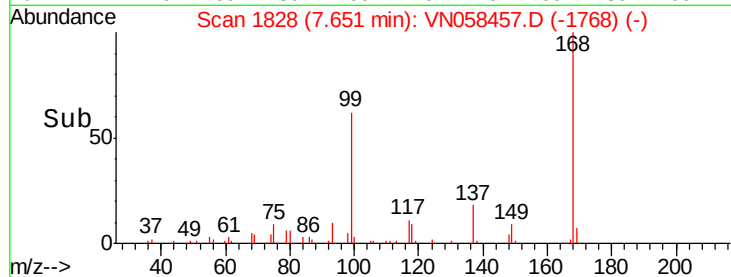
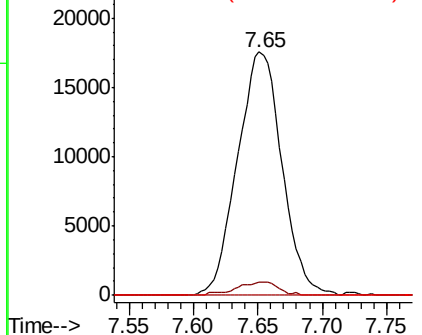
#38
Carbon Tetrachloride
Concen: 7.516 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion:117 Resp: 42112
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.7 37.1#

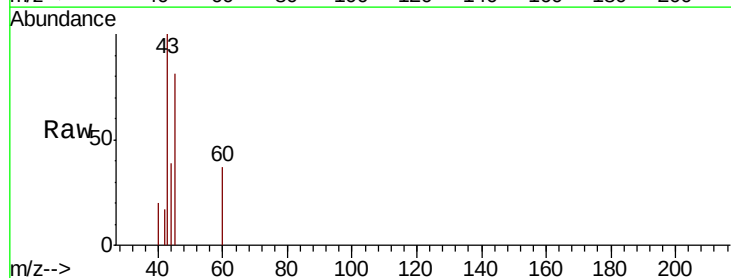


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

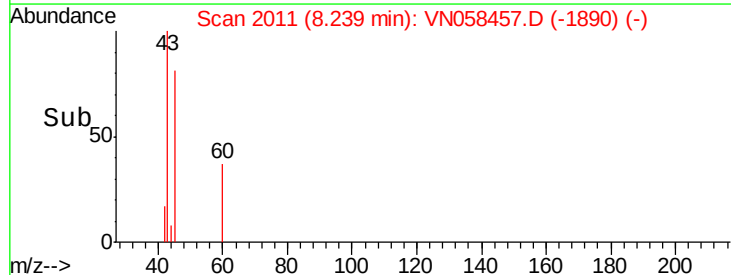
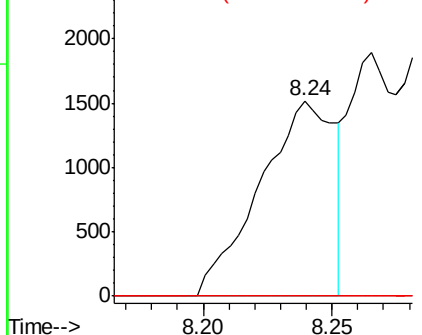


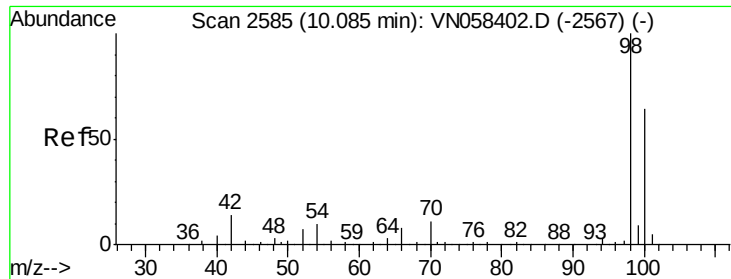
#43
Isopropyl Acetate
Concen: 0.309 ug/l
RT: 8.24 min Scan# 2011
Delta R.T. 0.09 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Tgt Ion: 43 Resp: 3057
Ion Ratio Lower Upper
43 100
61 0.0 14.8 22.2#
87 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

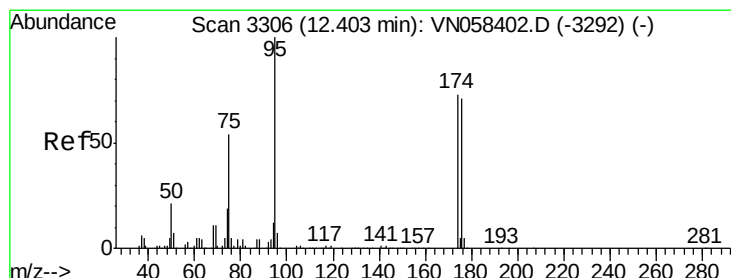
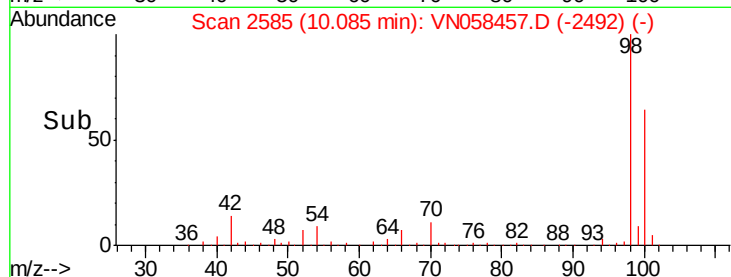
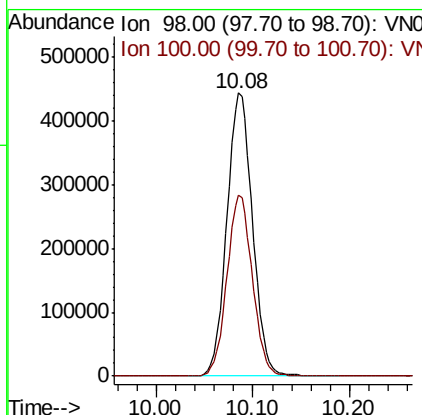
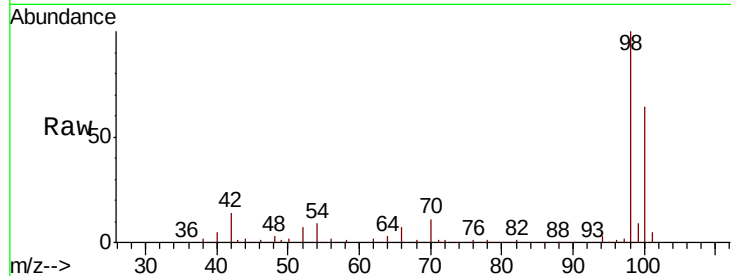




#50
Toluene-d8
Concen: 52.343 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

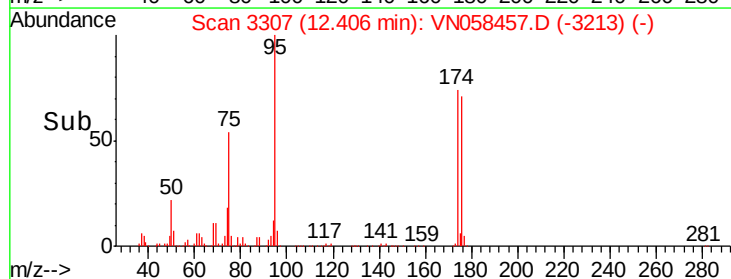
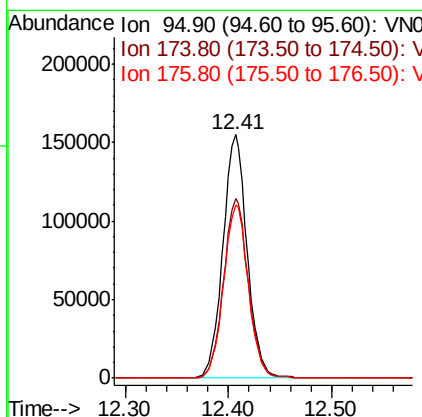
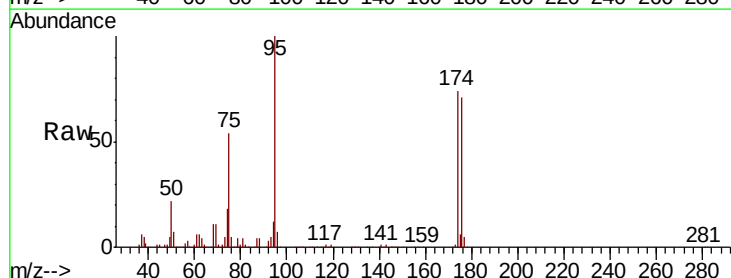
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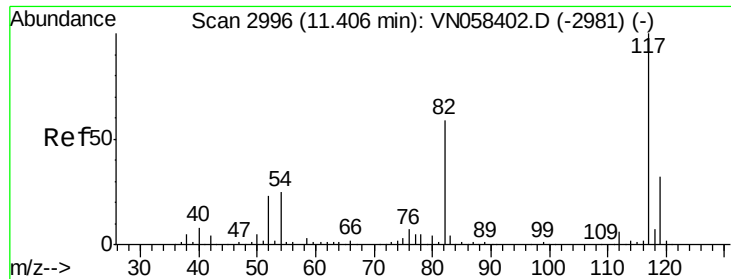
Tot Ion: 98 Resp: 815869
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Tgt Ion: 95 Resp: 253149
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 72.7 0.0 146.2

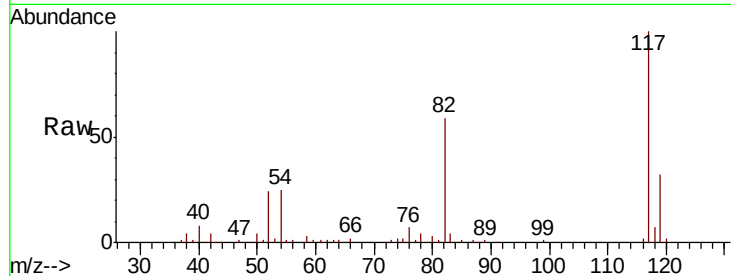




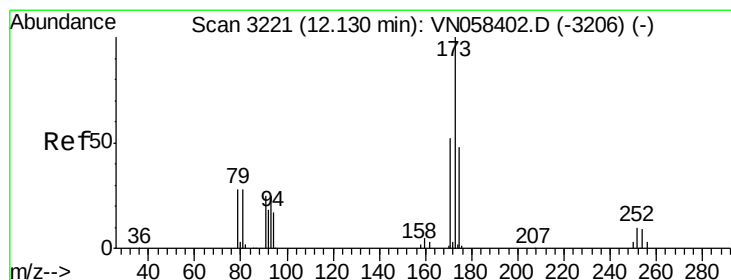
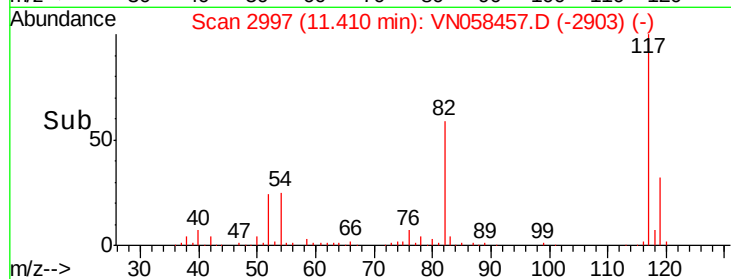
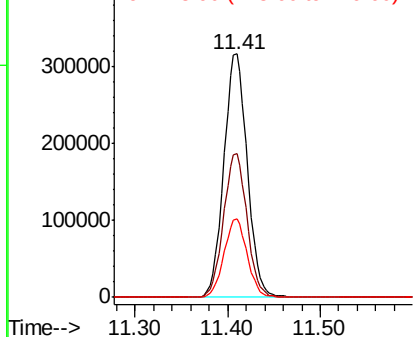
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:117 Resp: 552559
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.2 25.5 38.3

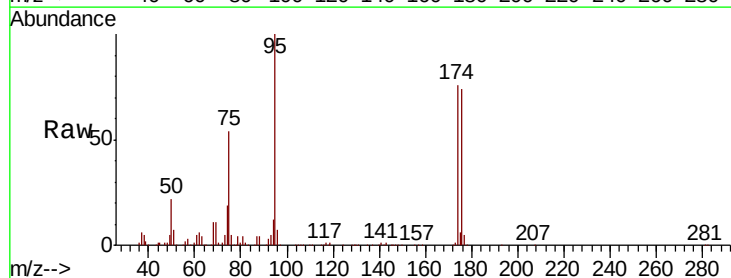


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

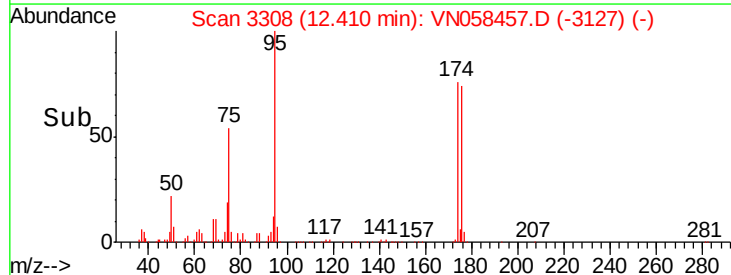
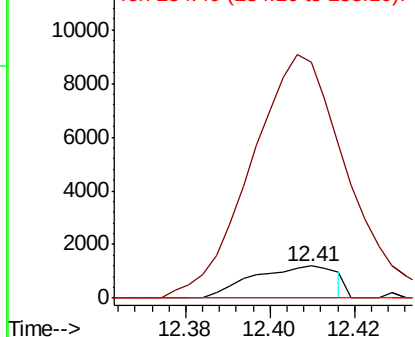


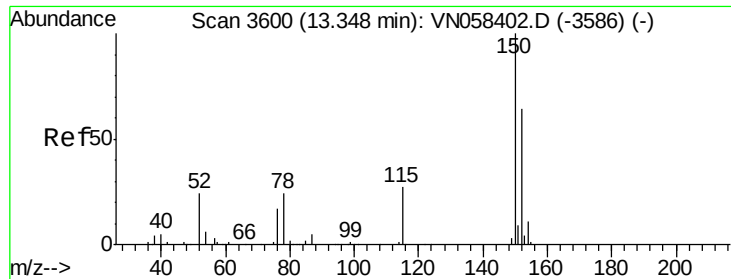
#71
Bromoform
Concen: 1.338 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Tgt Ion:173 Resp: 1667
Ion Ratio Lower Upper
173 100
175 719.3 24.3 73.0#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampled :

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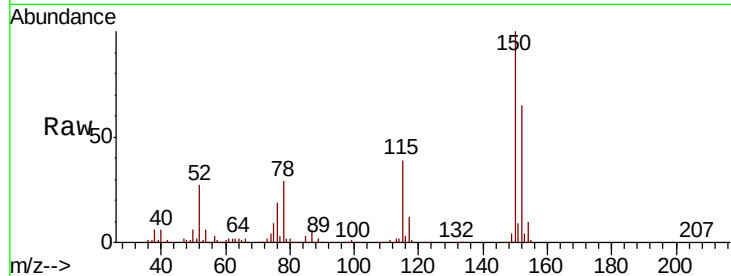
Tot Ion:152 Resp: 208179

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

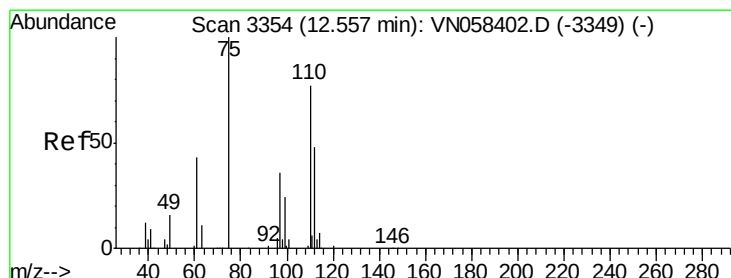
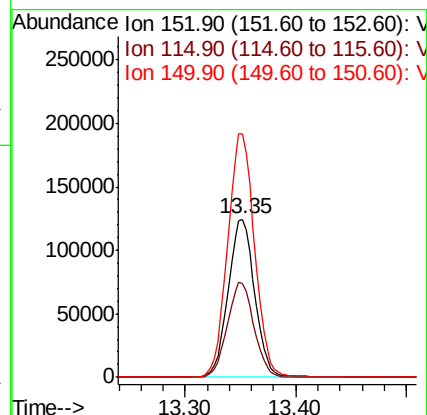
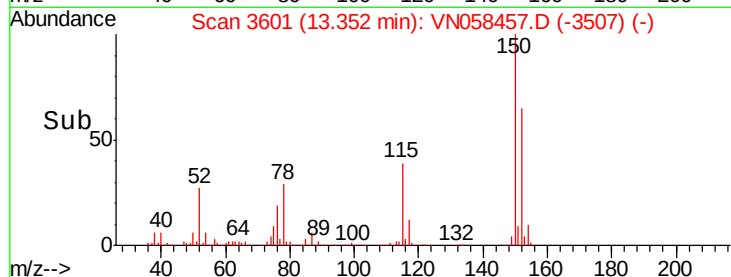
150 156.5 0.0 348.2



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



#76

1,2,3-Trichloropropane

Concen: 36.397 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058457.D

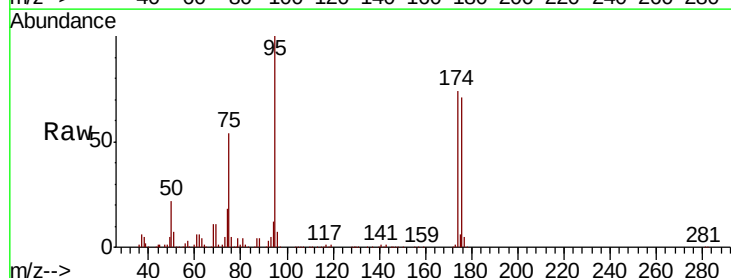
Acq: 1 Oct 2019 12:13

Tgt Ion: 75 Resp: 138395

Ion Ratio Lower Upper

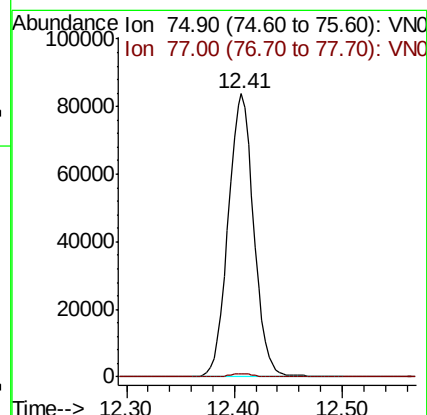
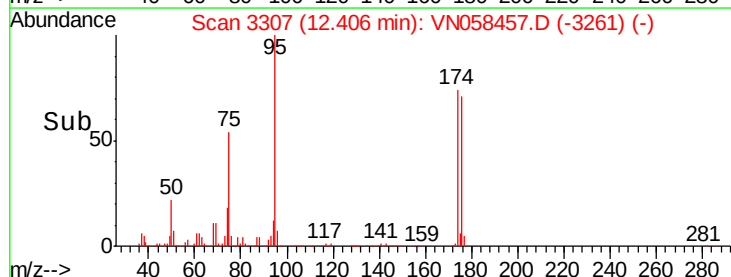
75 100

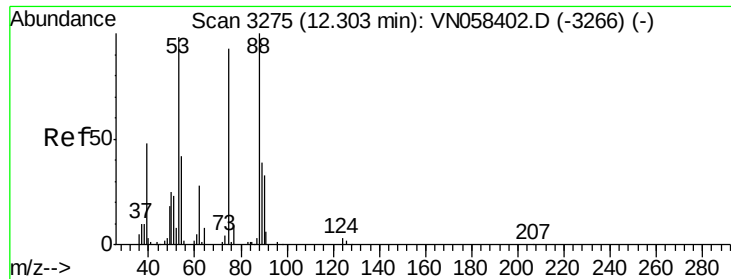
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.541 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 75 Resp: 138395

Ion Ratio Lower Upper

75 100

53 0.1 85.4 128.0#

89 0.0 35.0 52.4#

