

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059816.D
 Acq On : 21 Jan 2020 18:21
 Operator : JC/MD
 Sample : L1214-03 5X
 Misc : 4.48g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	117181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	102366	46.48	ug/l	0.00
Spiked Amount						
			Recovery	=	92.96%	
35) Dibromofluoromethane	7.56	113	88782	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
50) Toluene-d8	10.08	98	351095	50.99	ug/l	0.00
Spiked Amount						
			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	122663	49.42	ug/l	0.00
Spiked Amount						
			Recovery	=	98.84%	

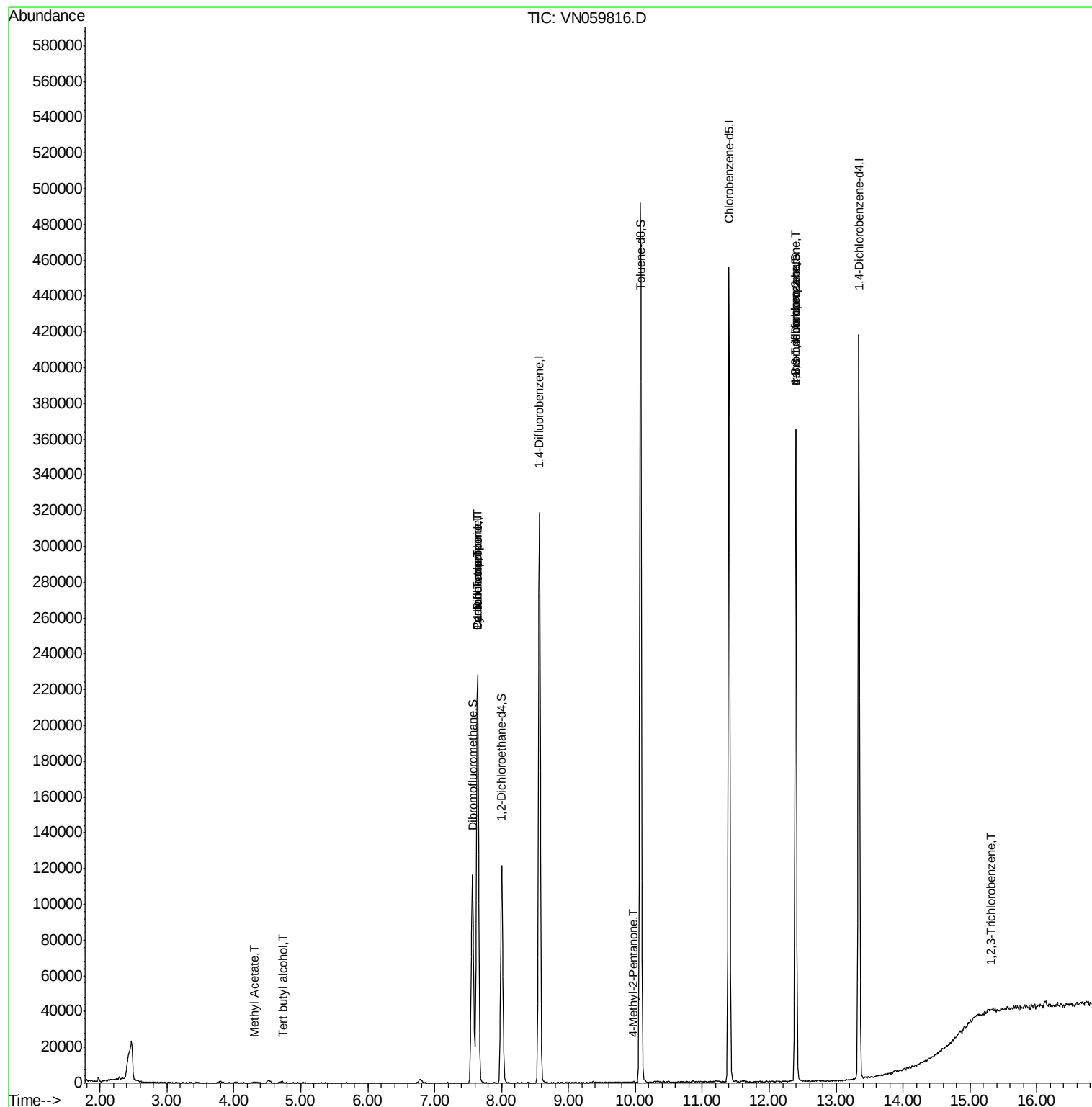
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	119	0.321	ug/l #	72
16) Acetone	3.79	43	2375	Below Cal		100
18) Methyl Acetate	4.31	43	1571	0.611	ug/l #	54
20) Methylene Chloride	4.52	84	1134	Below Cal	#	54
31) Cyclohexane	7.64	56	3907	1.199	ug/l #	10
36) 1,1-Dichloropropene	7.64	75	13234	5.100	ug/l #	51
38) Carbon Tetrachloride	7.64	117	18408	6.521	ug/l #	16
51) 4-Methyl-2-Pentanone	9.98	43	630	0.260	ug/l #	38
76) 1,2,3-Trichloropropane	12.40	75	61054	30.960	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61054	66.486	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.30	75	98	Below Cal	#	6
96) 1,2,3-Trichlorobenzene	15.31	180	482	0.221	ug/l #	68

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012120\
Data File : VN059816.D
Acq On : 21 Jan 2020 18:21
Operator : JC/MD
Sample : L1214-03 5X
Misc : 4.48g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 22 02:49:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

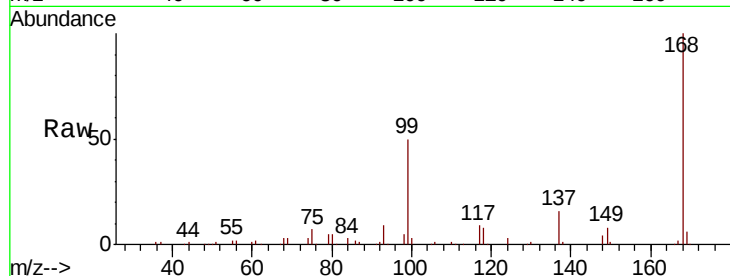
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 198302

Ion Ratio Lower Upper

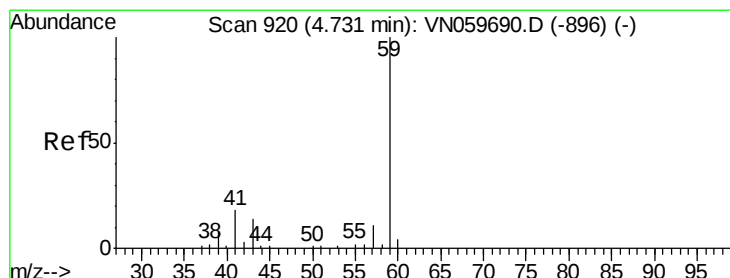
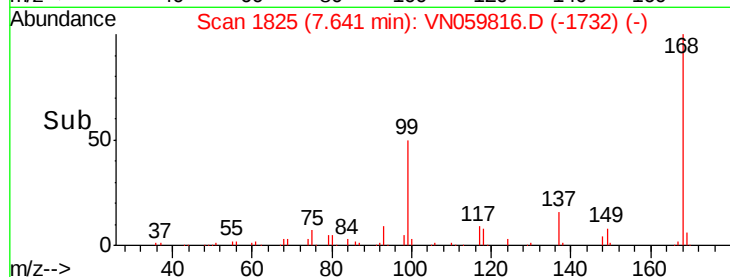
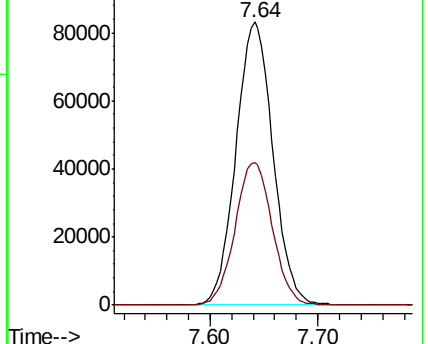
168 100

99 50.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.321 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN059816.D

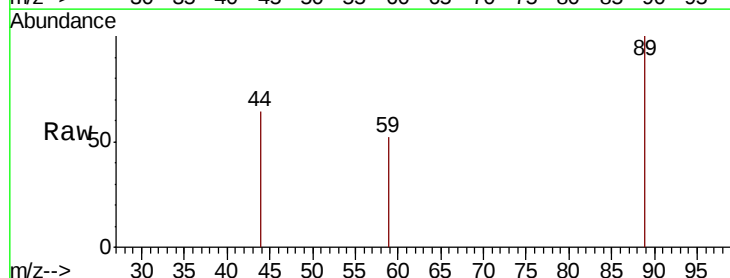
Acq: 21 Jan 2020 18:21

Tgt Ion: 59 Resp: 119

Ion Ratio Lower Upper

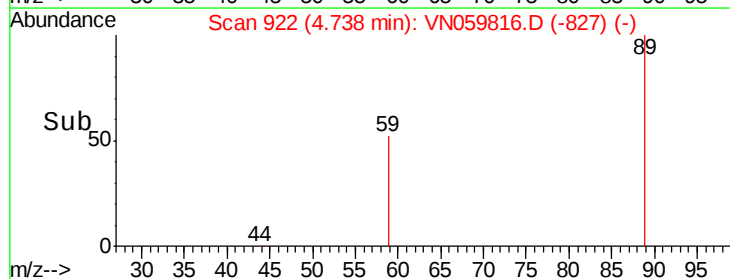
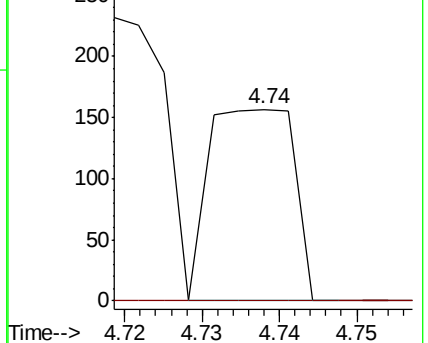
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

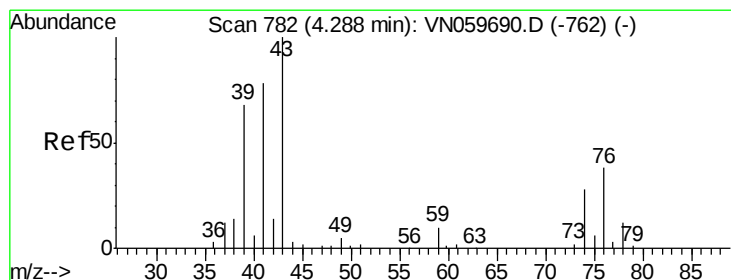
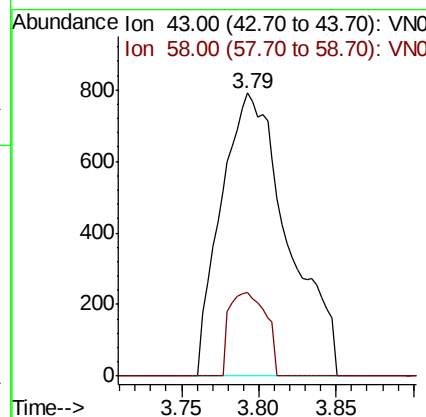
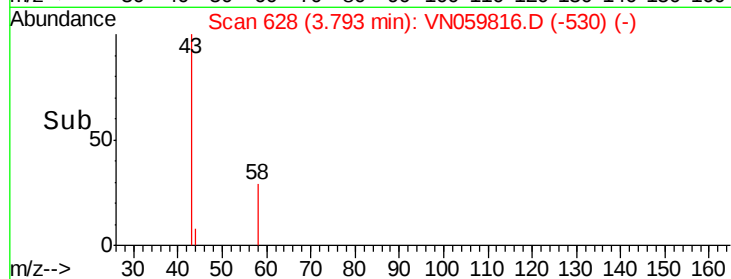
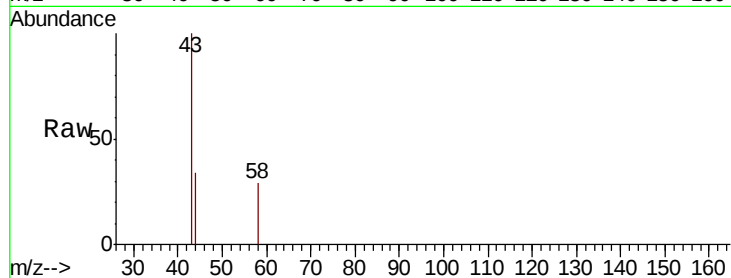




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 628
Delta R.T. 0.01 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

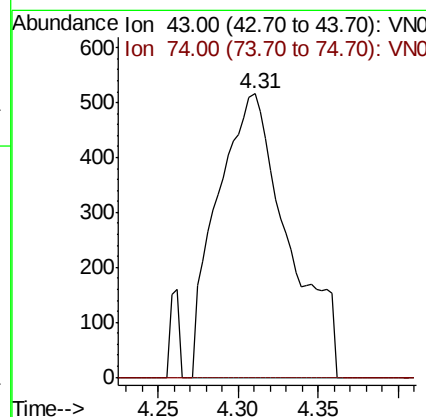
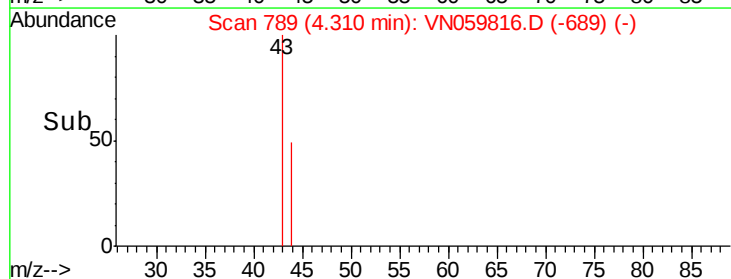
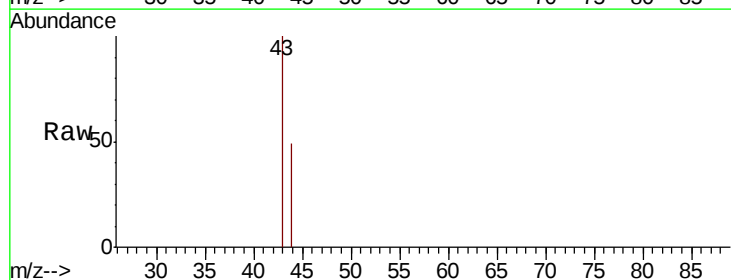
Instrument :
MSVOA_N
ClientSampleId :

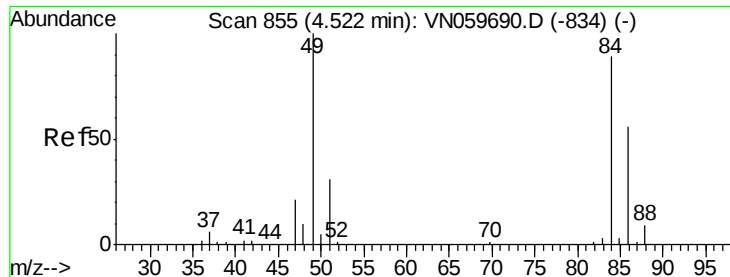
Tot Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
58 29.3 23.6 35.4



#18
Methyl Acetate
Concen: 0.611 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.02 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

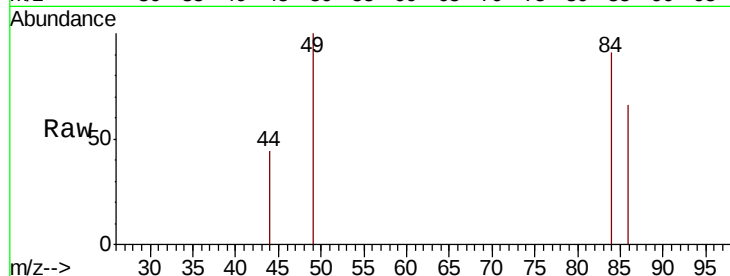




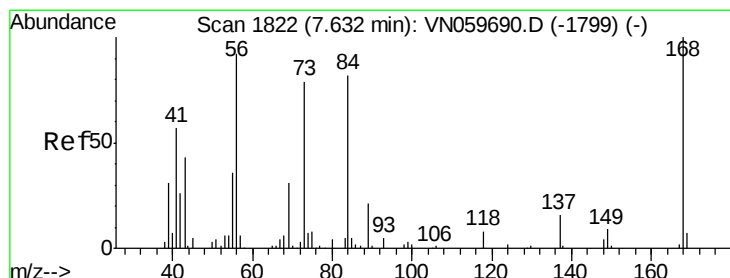
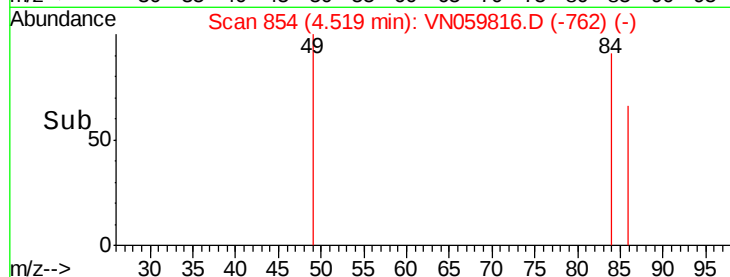
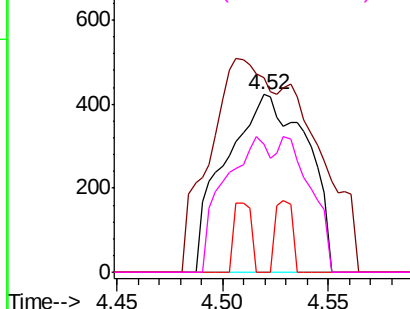
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1134
Ion Ratio Lower Upper
84 100
49 65.2 106.6 160.0#
51 0.0 31.9 47.9#
86 72.3 50.8 76.2

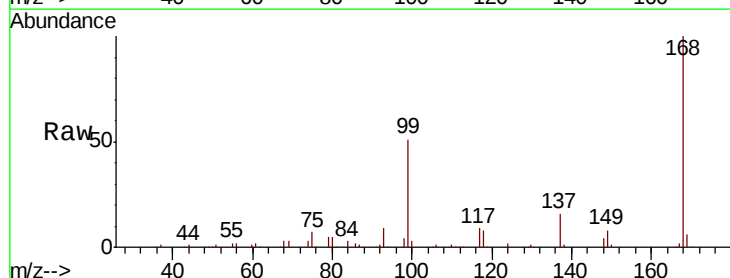


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

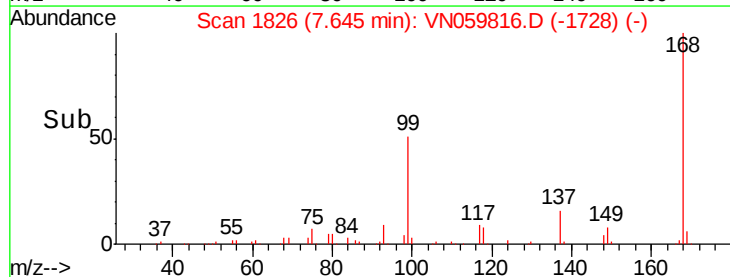
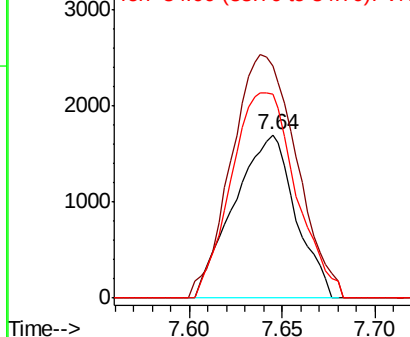


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 142.1 26.5 39.7#
84 124.8 65.3 97.9#



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

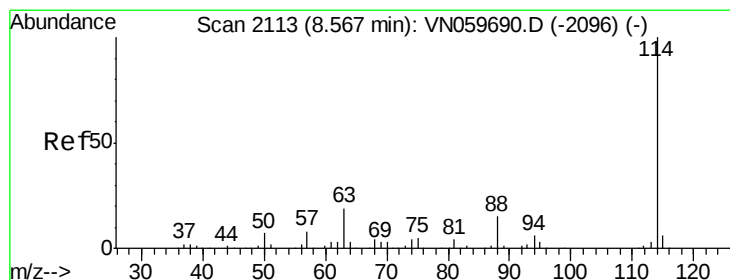
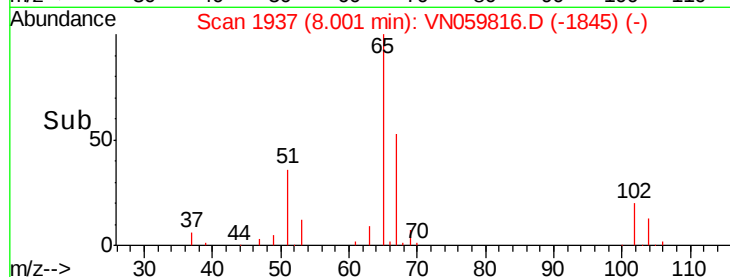
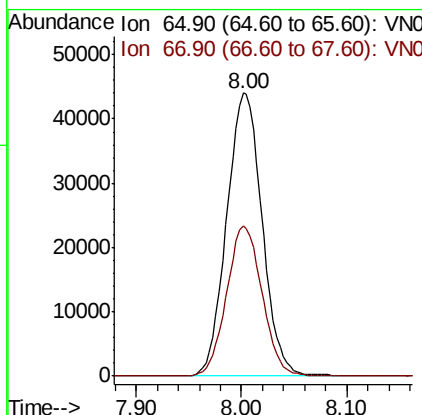
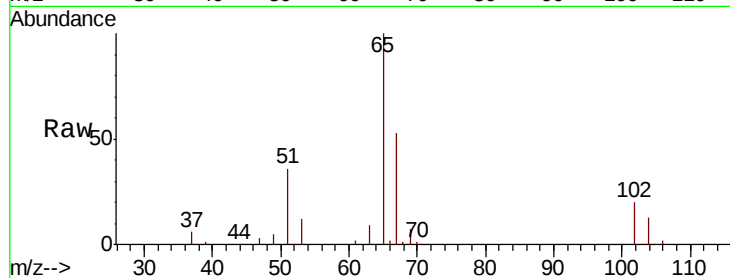




#33
 1,2-Dichloroethane-d4
 Concen: 46.484 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

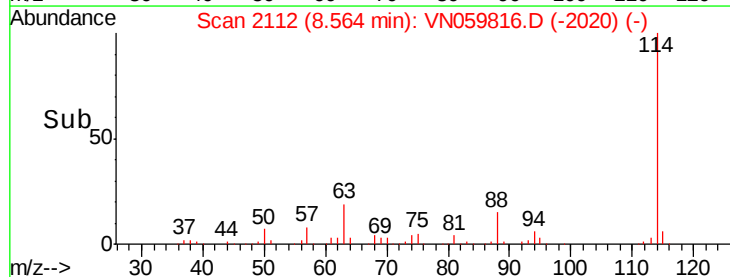
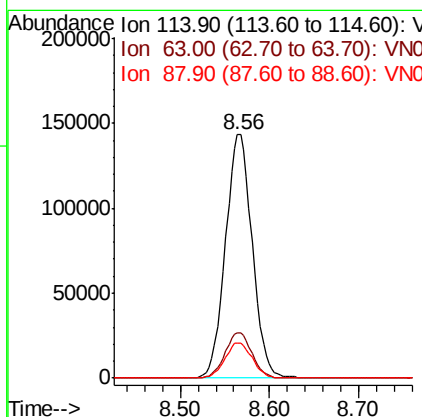
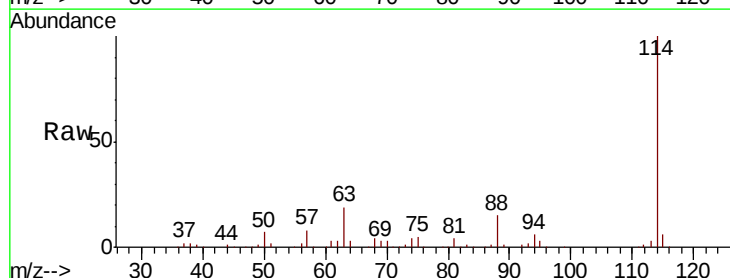
Instrument :
 MSVOA_N
 ClientSampleId :

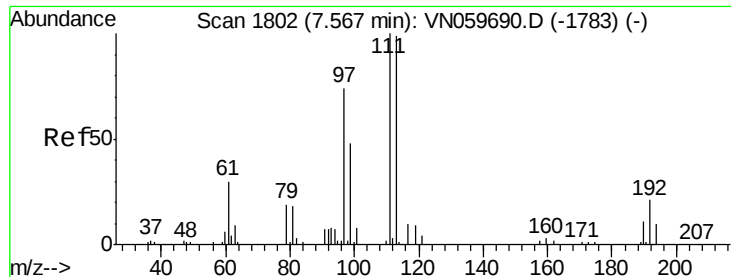
Tot Ion: 65 Resp: 102366
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

Tgt Ion: 114 Resp: 298005
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 14.6 0.0 31.4

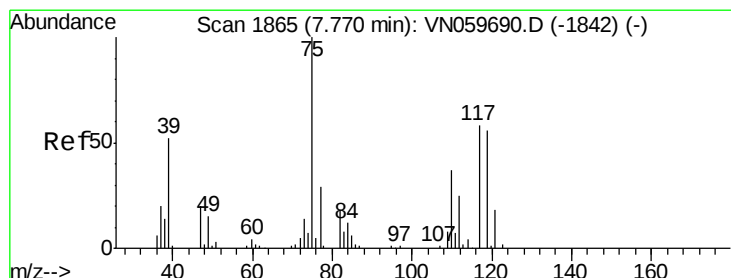
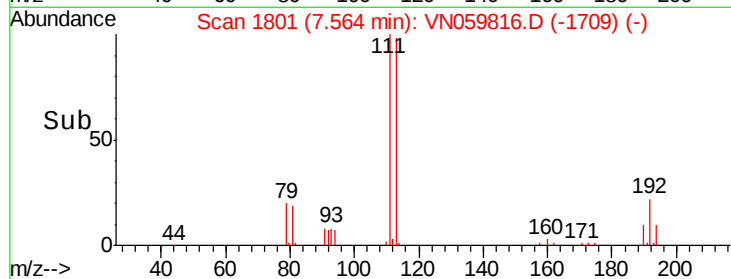
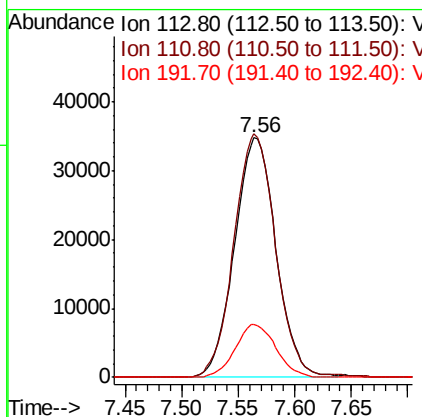
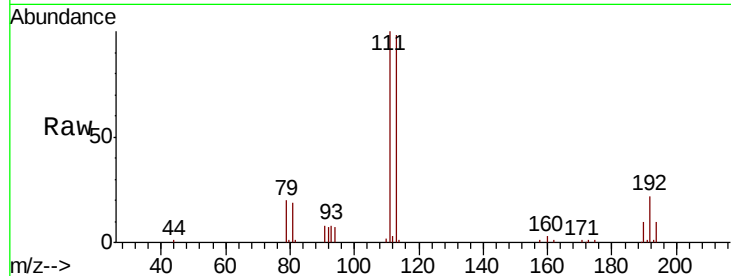




#35
 Dibromofluoromethane
 Concen: 49.958 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

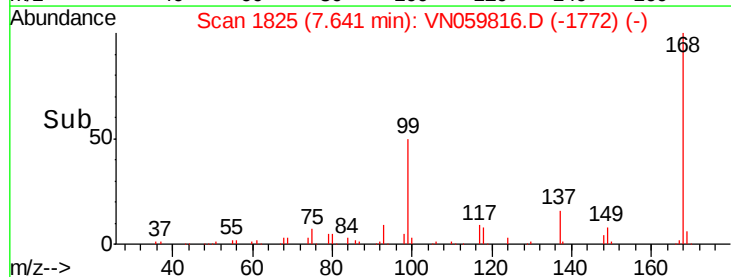
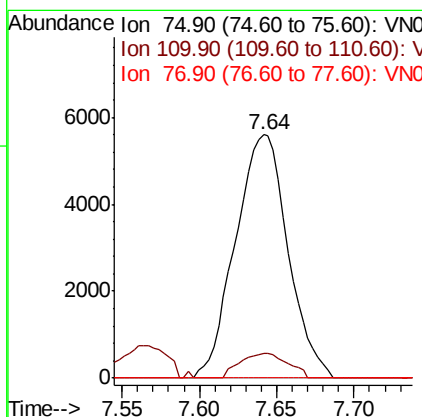
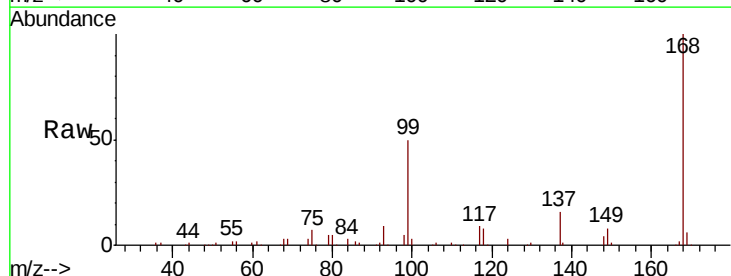
Instrument :
 MSVOA_N
 ClientSampleId :

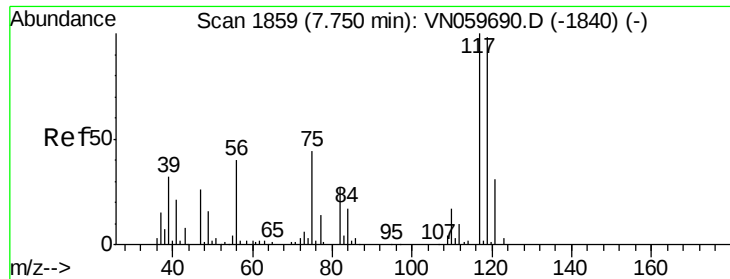
Tot Ion:113 Resp: 88782
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.5 125.3
 192 21.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.100 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

Tgt Ion: 75 Resp: 13234
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

Instrument :

MSVOA_N

ClientSampleId :

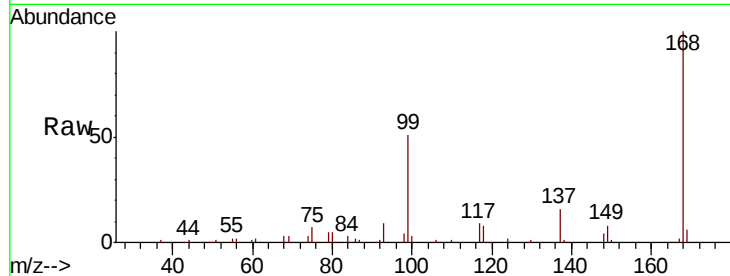
Tot Ion:117 Resp: 18408

Ion Ratio Lower Upper

117 100

119 4.6 76.5 114.7#

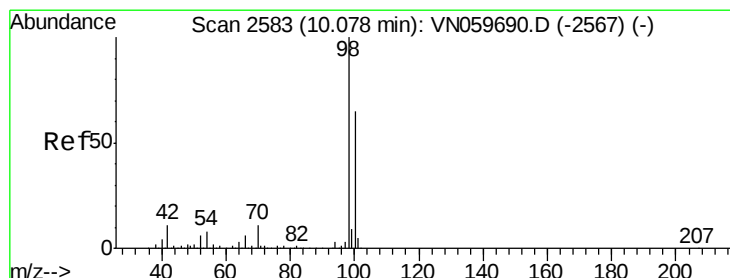
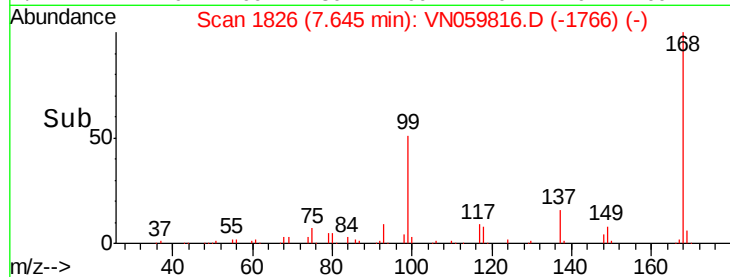
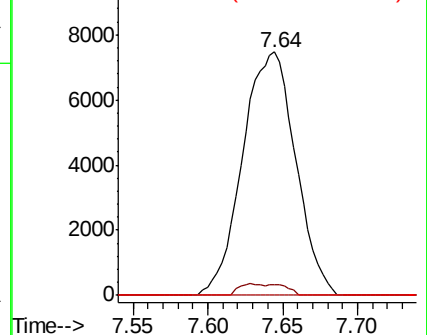
121 0.0 25.1 37.7#



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: 50.990 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059816.D

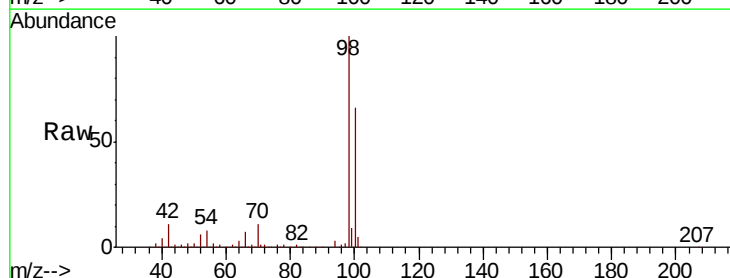
Acq: 21 Jan 2020 18:21

Tgt Ion: 98 Resp: 351095

Ion Ratio Lower Upper

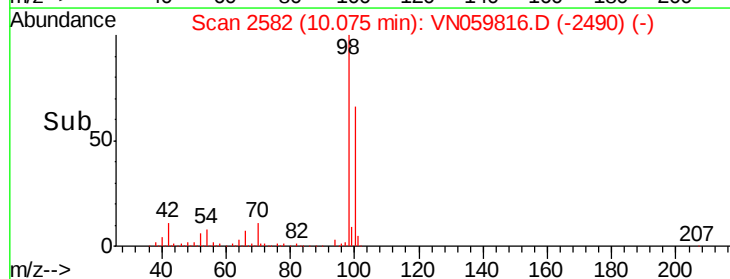
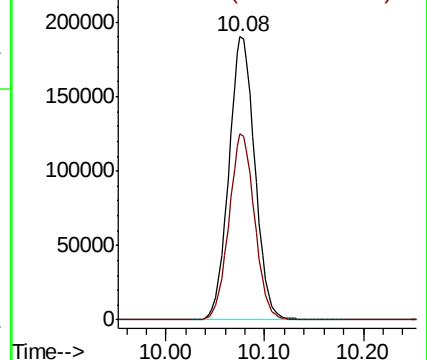
98 100

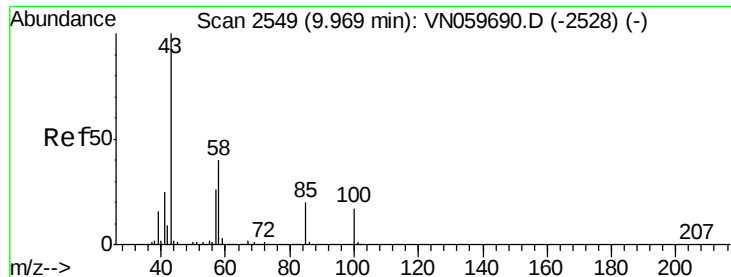
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.260 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

Instrument :

MSVOA_N

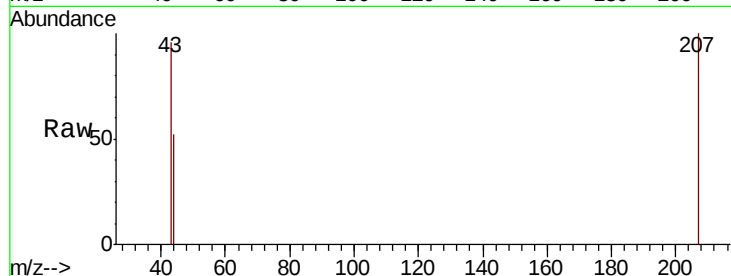
ClientSampleId :

Tot Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

9.98

300

200

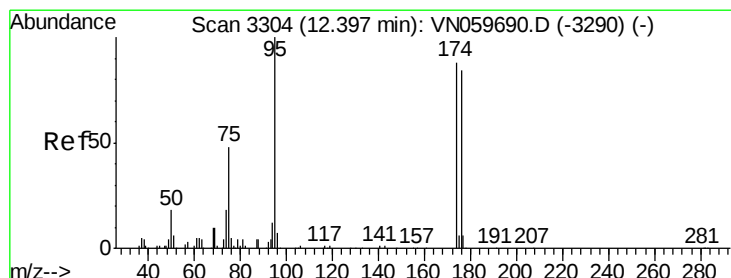
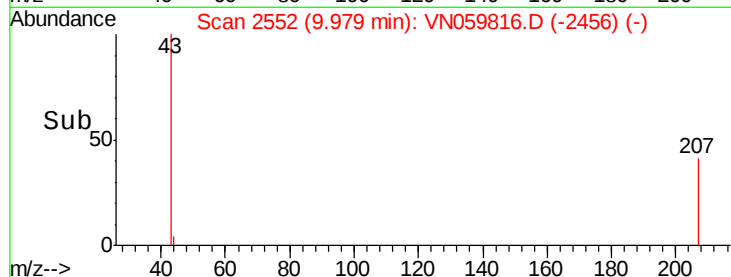
100

0

9.95

10.00

Time-->



#62

4-Bromofluorobenzene

Concen: 49.417 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

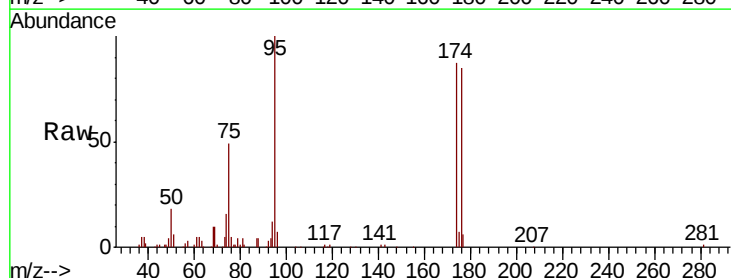
Tgt Ion: 95 Resp: 122663

Ion Ratio Lower Upper

95 100

174 87.5 0.0 151.4

176 84.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)

12.40

80000

60000

40000

20000

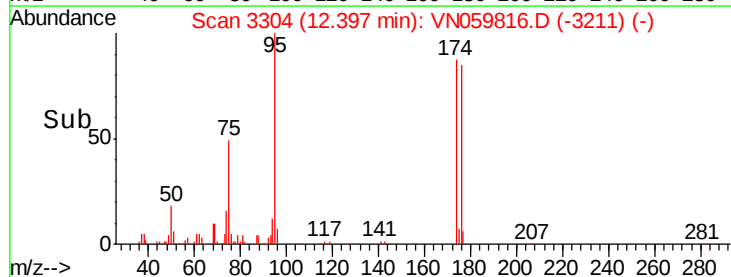
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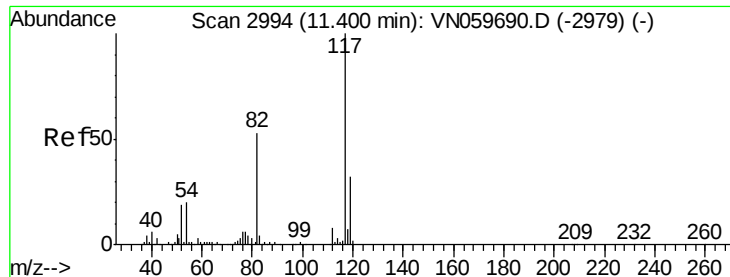
12.30

12.40

12.50

Time-->

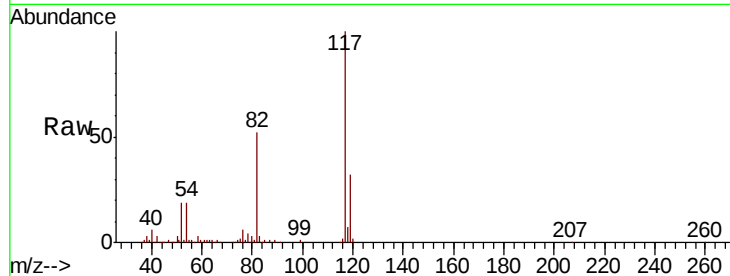




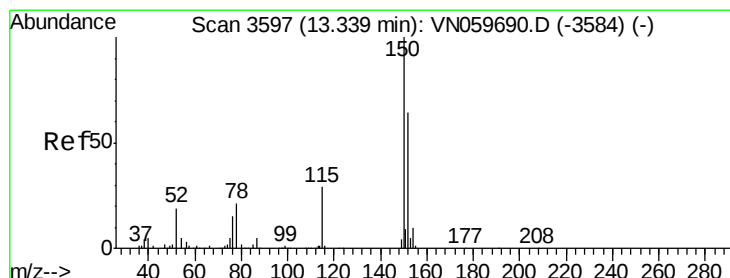
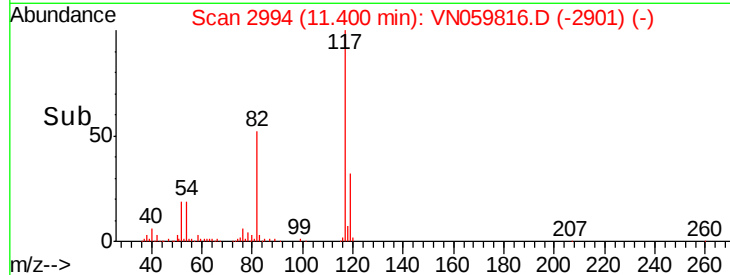
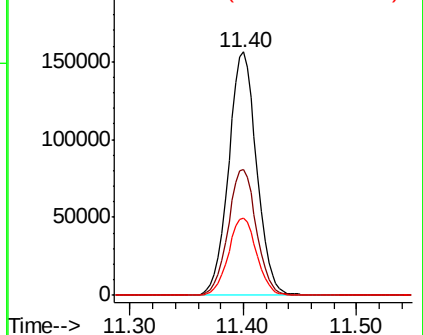
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 268769
Ion Ratio Lower Upper
117 100
82 51.9 45.9 68.9
119 31.9 25.5 38.3

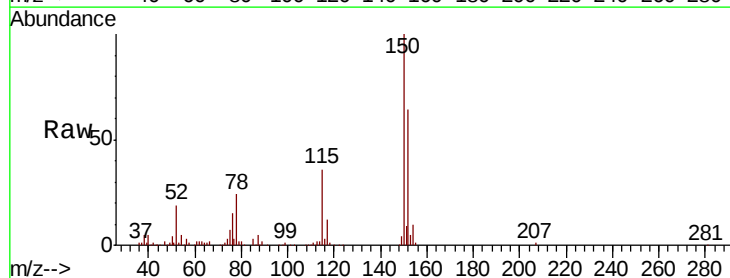


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

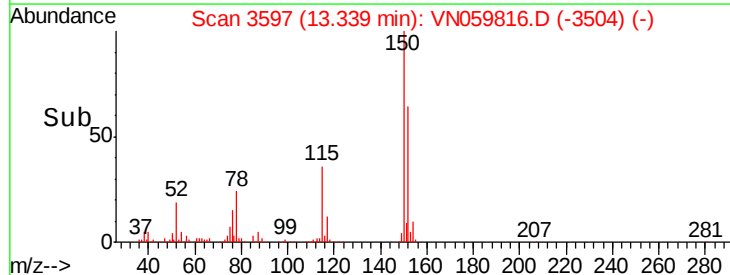
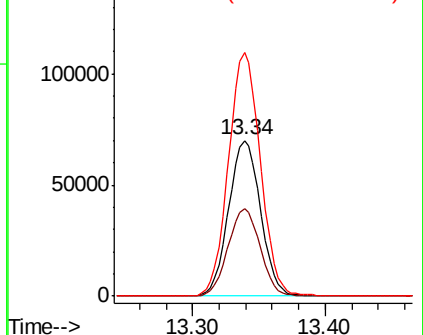


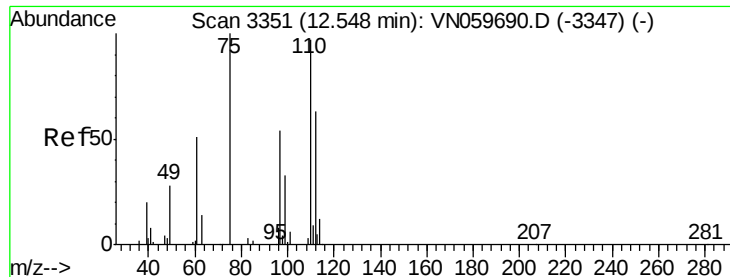
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059816.D
Acq: 21 Jan 2020 18:21

Tgt Ion:152 Resp: 117181
Ion Ratio Lower Upper
152 100
115 56.4 30.3 90.9
150 156.4 0.0 345.2



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: 30.960 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

Instrument :

MSVOA_N

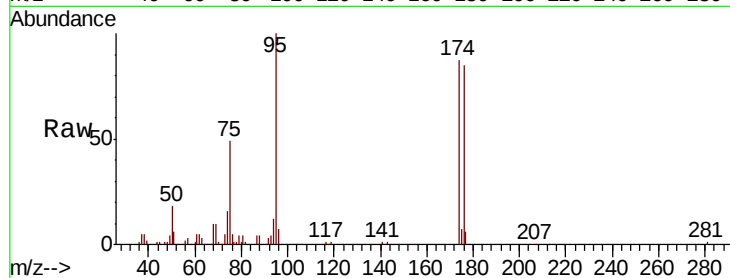
ClientSampleId :

Tot Ion: 75 Resp: 61054

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

40000

30000

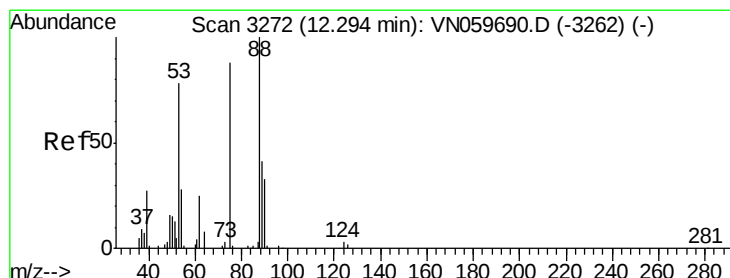
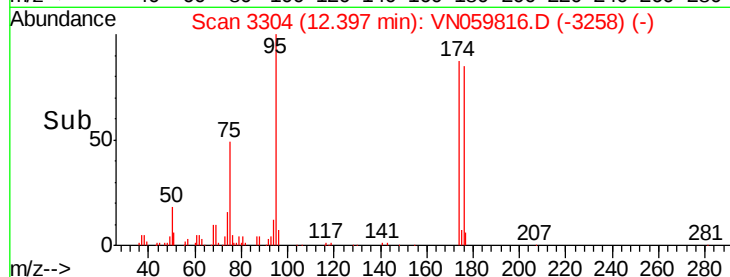
20000

10000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 66.486 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059816.D

Acq: 21 Jan 2020 18:21

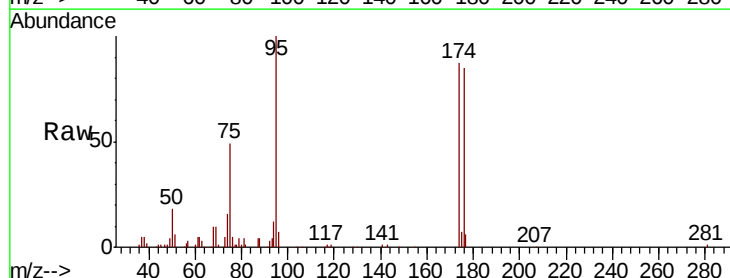
Tgt Ion: 75 Resp: 61054

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#



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

50000

40000

30000

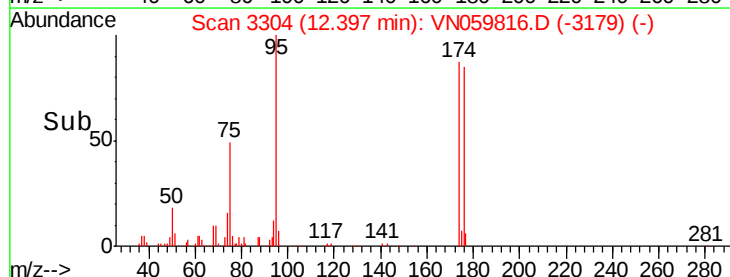
20000

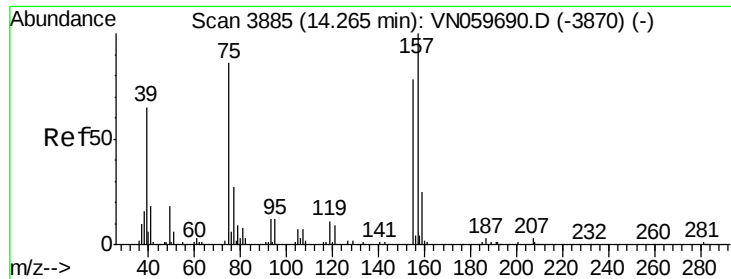
10000

0

Time-->

12.35 12.40 12.45

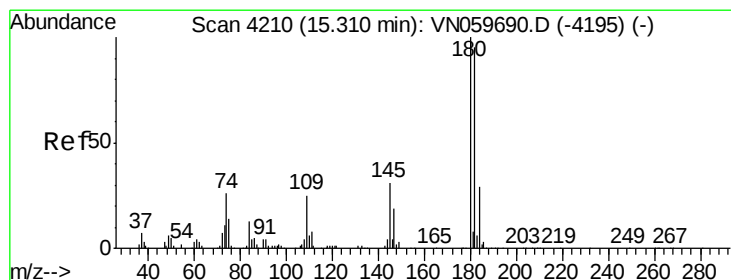
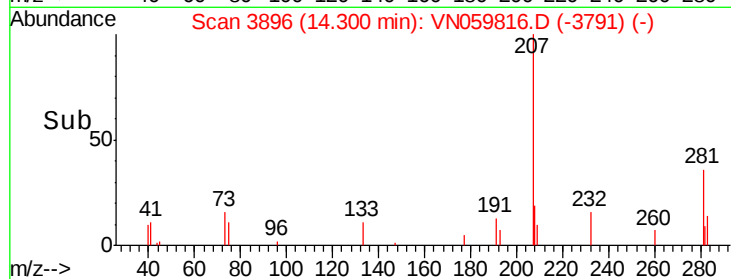
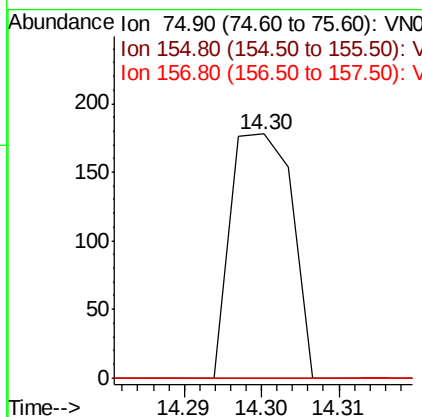
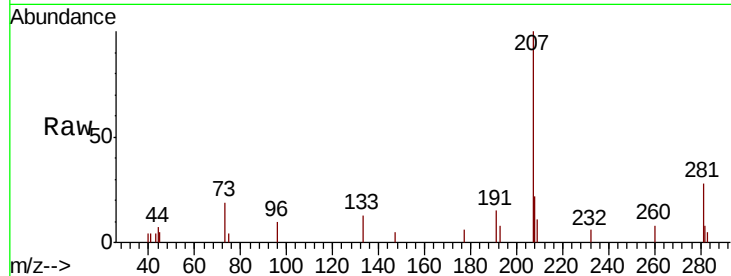




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.30 min Scan# 3896
 Delta R.T. 0.04 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 98
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#



#96
 1,2,3-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN059816.D
 Acq: 21 Jan 2020 18:21

Tgt Ion: 180 Resp: 482
 Ion Ratio Lower Upper
 180 100
 182 63.9 47.4 142.3
 145 14.7 16.3 48.9#

