

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
 Data File : VN058269.D
 Acq On : 20 Sep 2019 22:14
 Operator : JC/SP
 Sample : K4975-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20190917

Quant Time: Sep 20 23:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	484524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	679173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355218	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	7.58	113	245262	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.08	98	1014114	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.41	95	320525	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	5345	1.343	ug/l	97
3) Chloromethane	2.04	50	1227	Below Cal		90
5) Bromomethane	2.55	94	544	1.024	ug/l	85
6) Chloroethane	2.63	64	29	Below Cal	#	1
7) Trichlorofluoromethane	3.00	101	1368	0.252	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	72484	18.505	ug/l	98
11) Tert butyl alcohol	4.75	59	608	0.757	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	24169	7.830	ug/l	99
16) Acetone	3.81	43	10604	4.629	ug/l	94
17) Carbon Disulfide	4.03	76	362	0.357	ug/l #	74
18) Methyl Acetate	4.03	43	23641	3.922	ug/l #	53
20) Methylene Chloride	4.52	84	119	Below Cal	#	16
21) trans-1,2-Dichloroethene	5.02	96	192	Below Cal	#	39
24) 1,1-Dichloroethane	5.83	63	10149	1.168	ug/l #	85
27) cis-1,2-Dichloroethene	6.81	96	11407	2.322	ug/l	85
30) Chloroform	7.36	83	8049	0.861	ug/l	97
31) Cyclohexane	7.65	56	12221	Below Cal	#	12
32) 1,1,1-Trichloroethane	7.56	97	3490	0.490	ug/l #	48
36) 1,1-Dichloropropene	7.65	75	41654	7.265	ug/l #	52
38) Carbon Tetrachloride	7.75	117	9084	1.576	ug/l #	86
39) Methylcyclohexane	8.82	83	15010	2.775	ug/l #	1
41) Methacrylonitrile	7.16	41	97	0.943	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1772	0.241	ug/l #	78
44) Trichloroethene	8.82	130	1143396	266.823	ug/l	99
49) 1,4-Dioxane	9.20	88	1349	16.285	ug/l #	92
55) 1,1,2-Trichloroethane	10.57	97	2731	0.561	ug/l #	68
60) Dibromochloromethane	10.63	129	1476	0.315	ug/l #	11
64) Tetrachloroethene	10.63	164	1357	0.410	ug/l #	87
71) Bromoform	12.40	173	995	3.883	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	178001	35.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	178001	99.767	ug/l #	5
95) Naphthalene	15.13	128	4549	0.342	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.31	180	1217	0.251	ug/l	91

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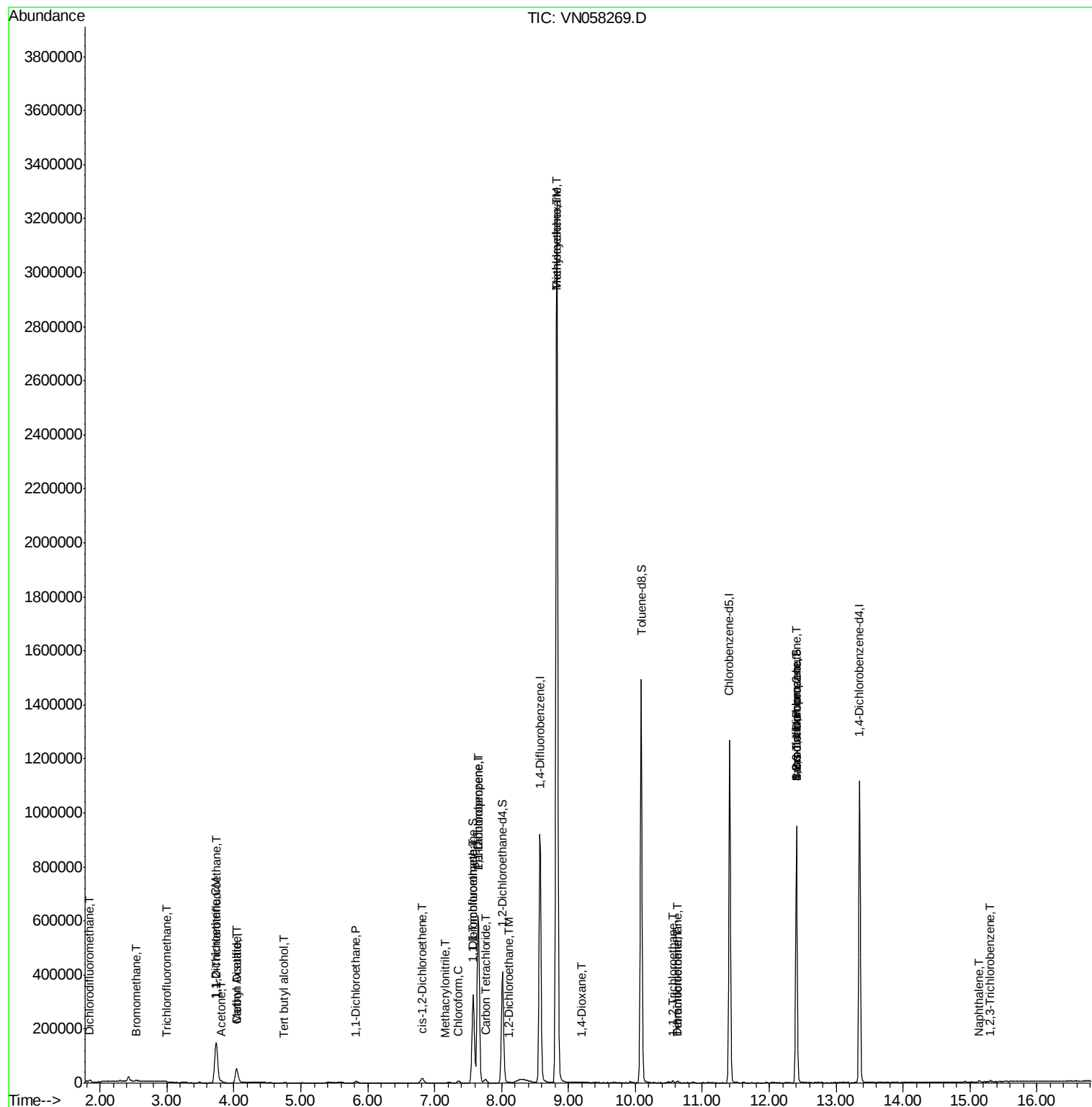
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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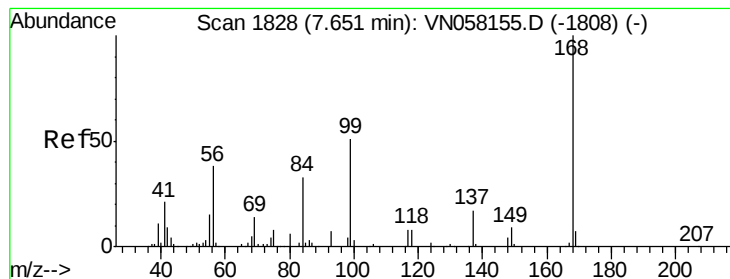
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
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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: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

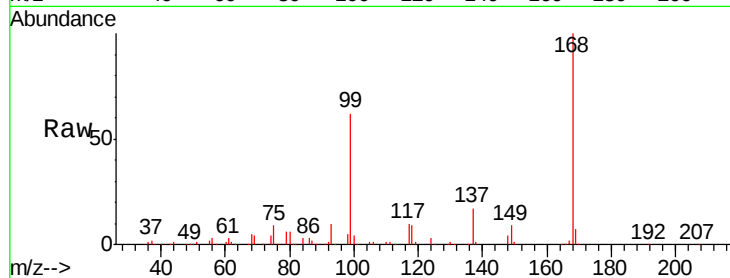
TT101D1-20190917

Tgt Ion:168 Resp: 484524

Ion Ratio Lower Upper

168 100

99 61.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

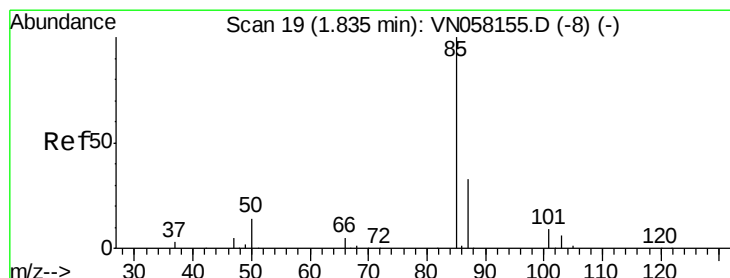
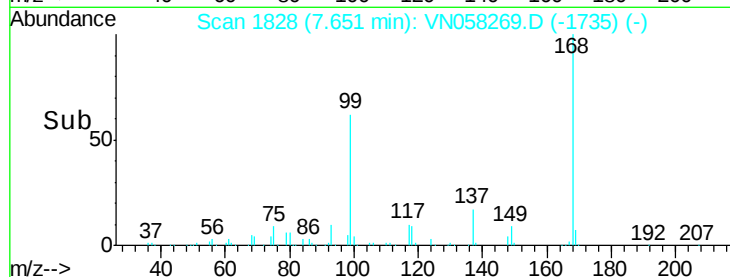
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.343 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058269.D

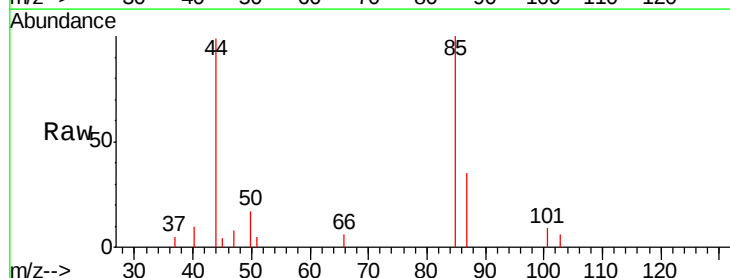
Acq: 20 Sep 2019 22:14

Tgt Ion: 85 Resp: 5345

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

4000

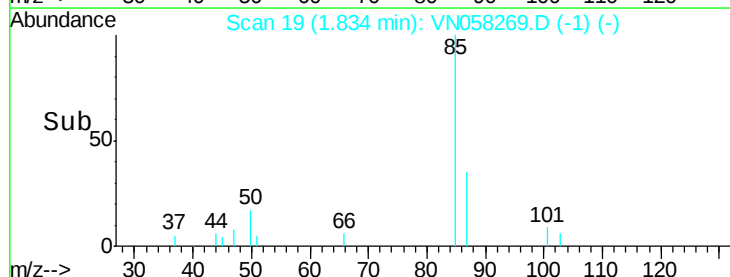
3000

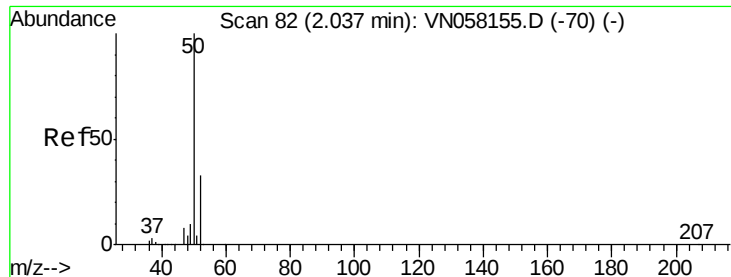
2000

1000

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

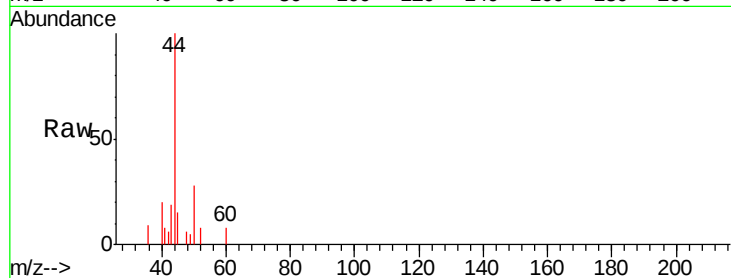
TT101D1-20190917

Tgt Ion: 50 Resp: 1227

Ion Ratio Lower Upper

50 100

52 27.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1000

800

600

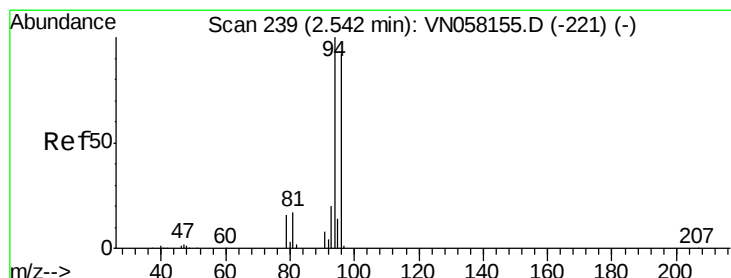
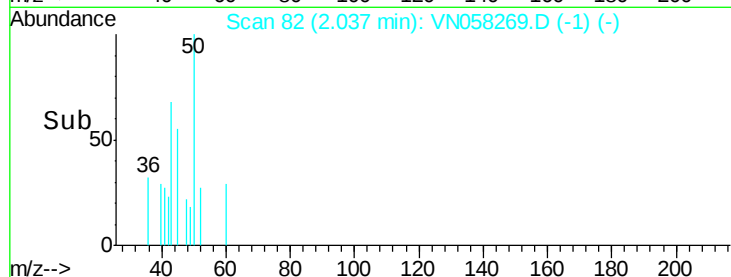
400

200

0

Time-->

2.00 2.02 2.04 2.06 2.08



#5

Bromomethane

Concen: 1.024 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN058269.D

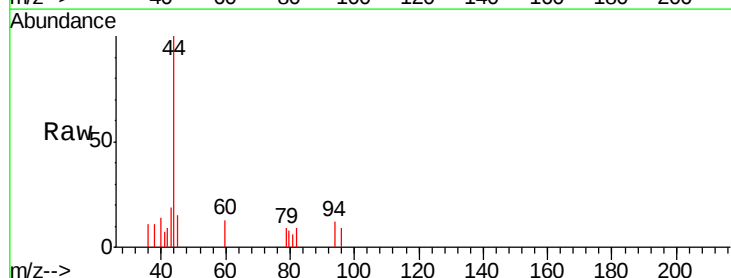
Acq: 20 Sep 2019 22:14

Tgt Ion: 94 Resp: 544

Ion Ratio Lower Upper

94 100

96 77.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

400

300

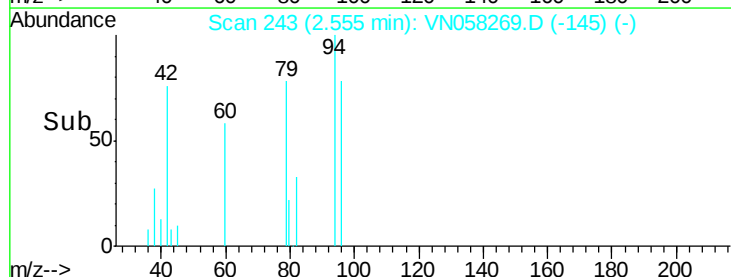
200

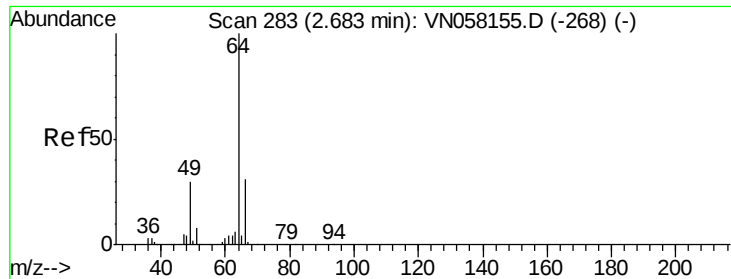
100

0

Time-->

2.52 2.54 2.56





#6

Chloroethane

Concen: Below Cal

RT: 2.63 min Scan# 265

Delta R.T. -0.06 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

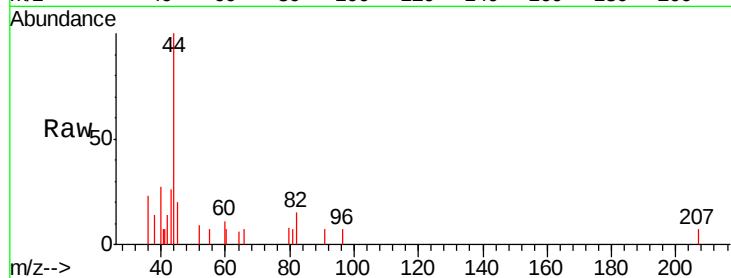
TT101D1-20190917

Tgt Ion: 64 Resp: 29

Ion Ratio Lower Upper

64 100

66 109.3 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.63

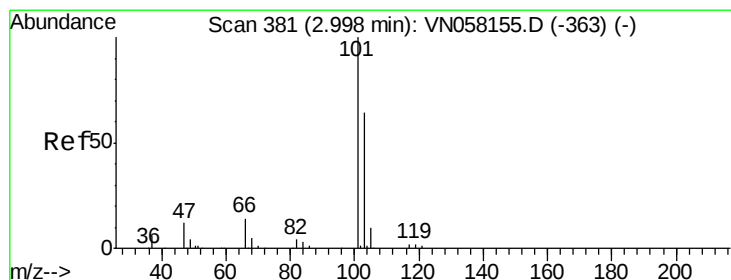
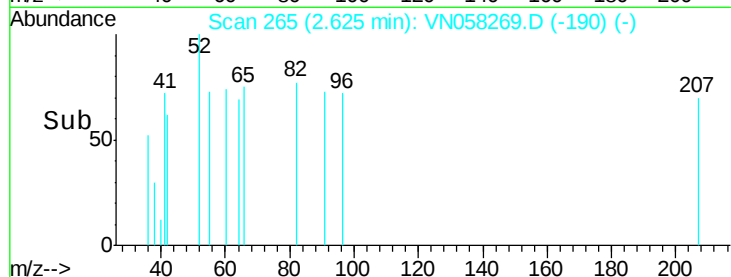
150

100

50

0

Time--> 2.62 2.62 2.63 2.63 2.63



#7

Trichlorofluoromethane

Concen: 0.252 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN058269.D

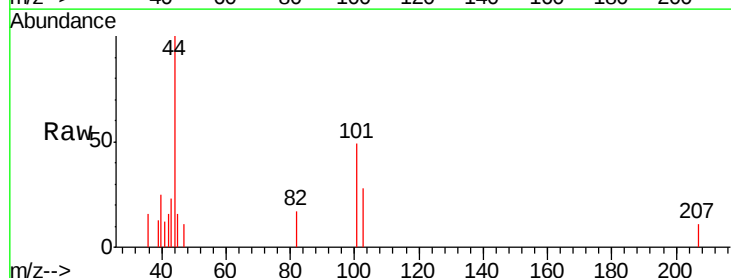
Acq: 20 Sep 2019 22:14

Tgt Ion: 101 Resp: 1368

Ion Ratio Lower Upper

101 100

103 57.4 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.00

800

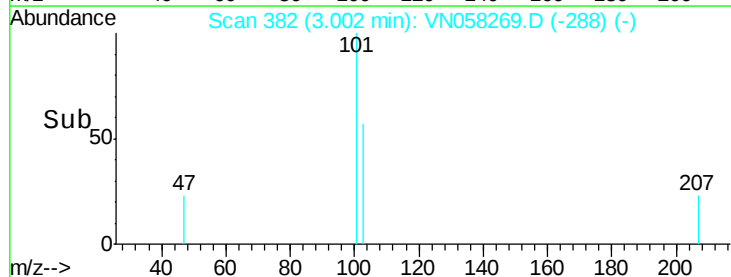
600

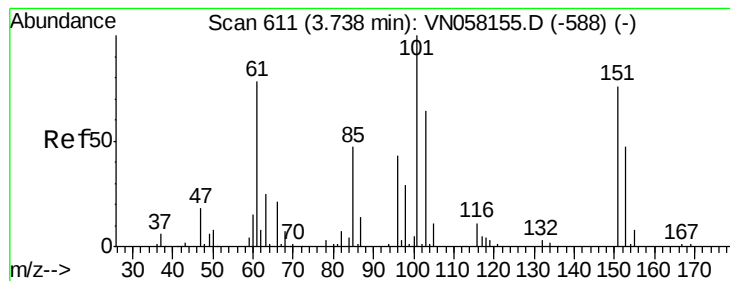
400

200

0

Time--> 2.95 3.00 3.05





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.505 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190917

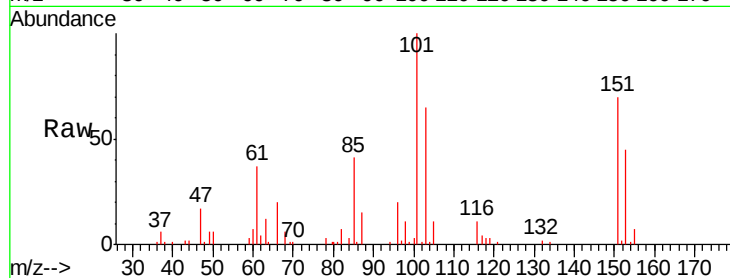
Tgt Ion:101 Resp: 72484

Ion Ratio Lower Upper

101 100

85 46.0 37.3 55.9

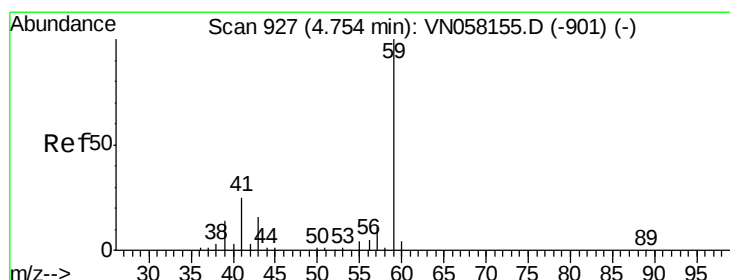
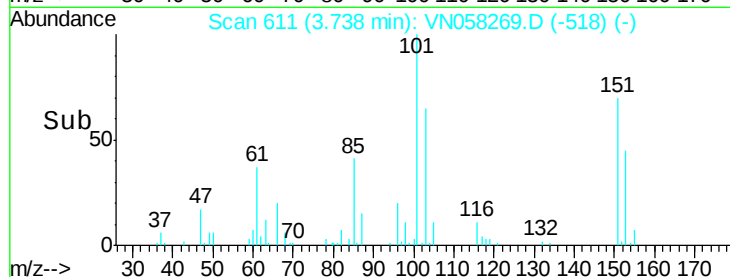
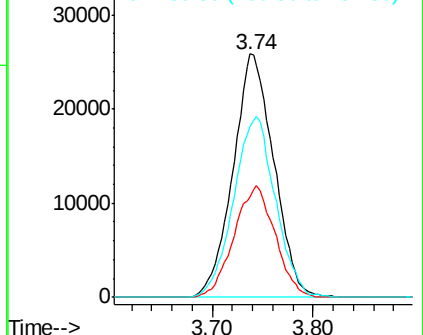
151 76.1 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.757 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN058269.D

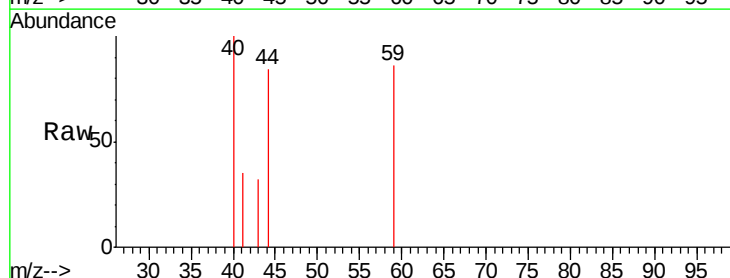
Acq: 20 Sep 2019 22:14

Tgt Ion: 59 Resp: 608

Ion Ratio Lower Upper

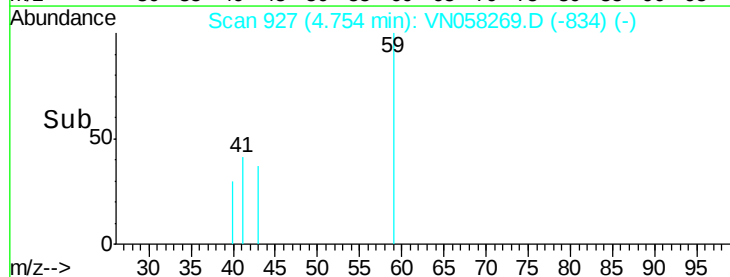
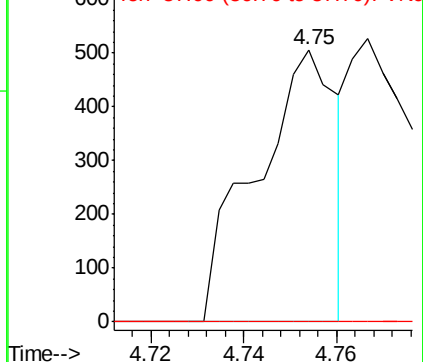
59 100

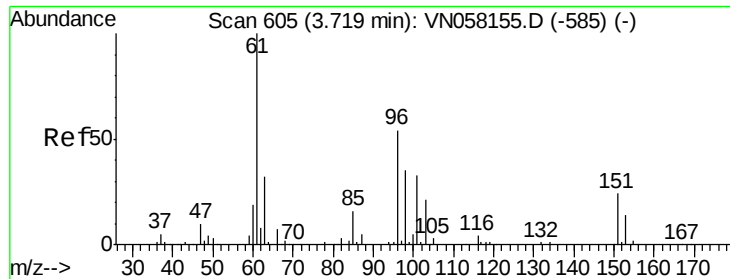
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 7.830 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

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ClientSampleId :

TT101D1-20190917

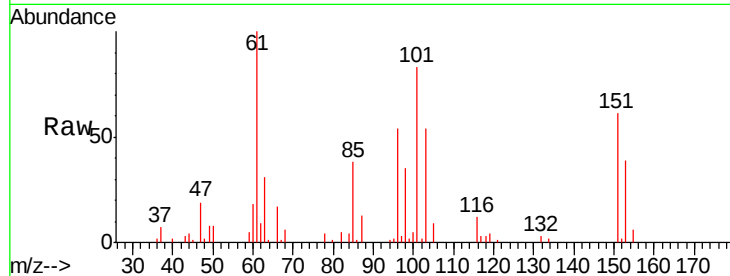
Tgt Ion: 96 Resp: 24169

Ion Ratio Lower Upper

96 100

61 185.1 149.5 224.3

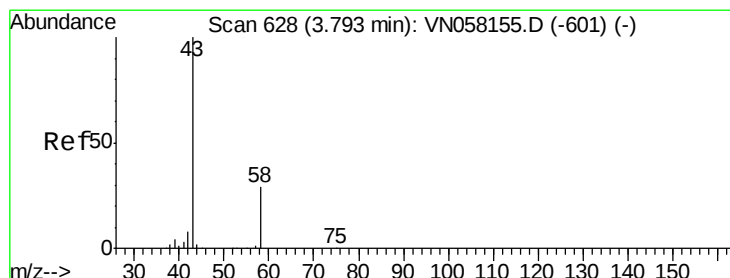
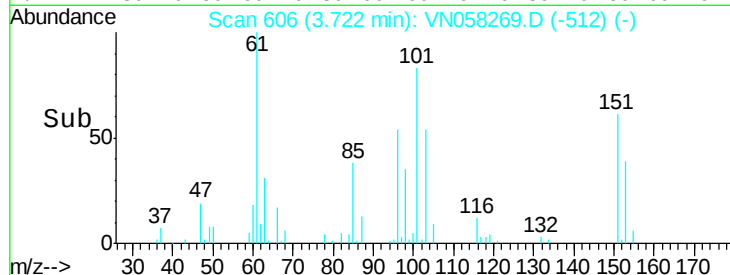
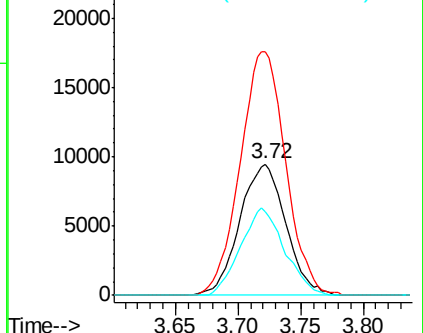
98 64.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 4.629 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058269.D

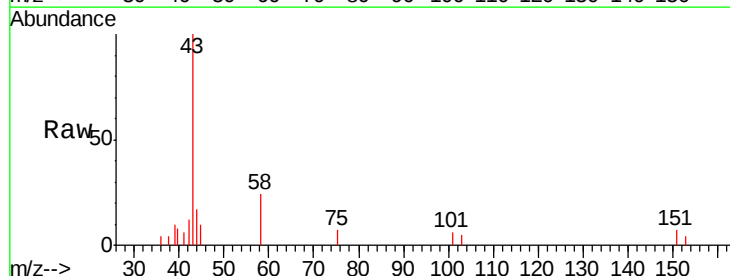
Acq: 20 Sep 2019 22:14

Tgt Ion: 43 Resp: 10604

Ion Ratio Lower Upper

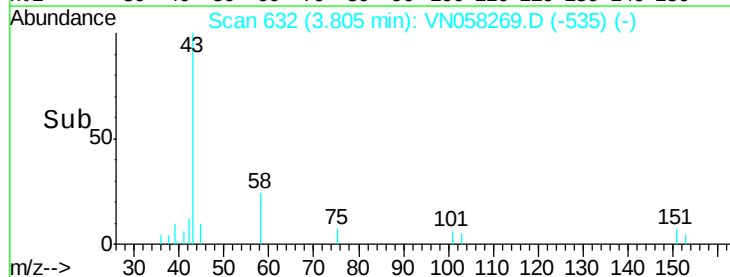
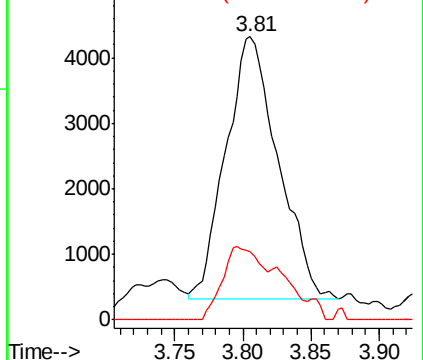
43 100

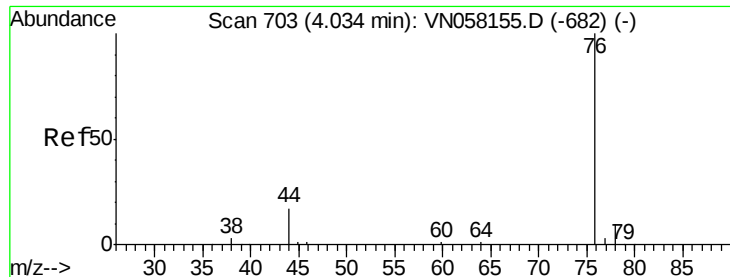
58 25.9 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

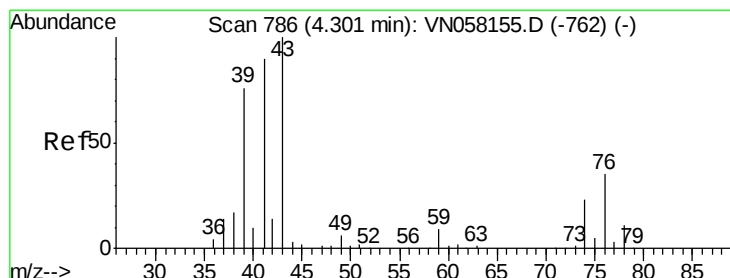
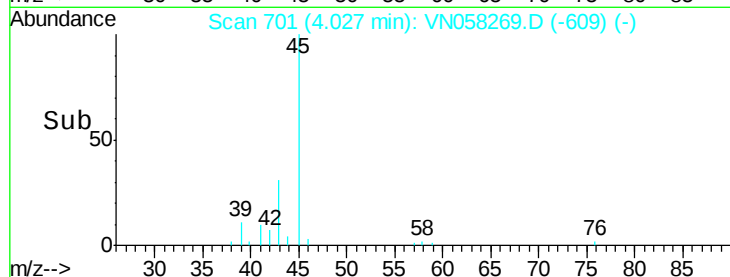
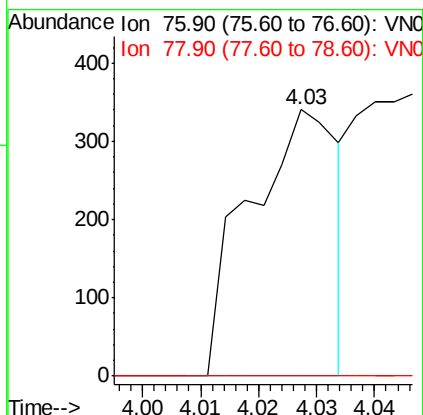
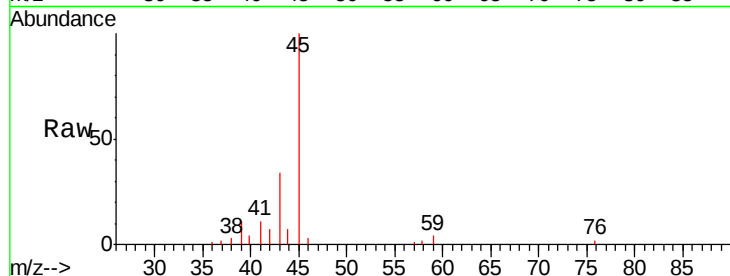




#17
Carbon Disulfide
Concen: 0.357 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.01 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

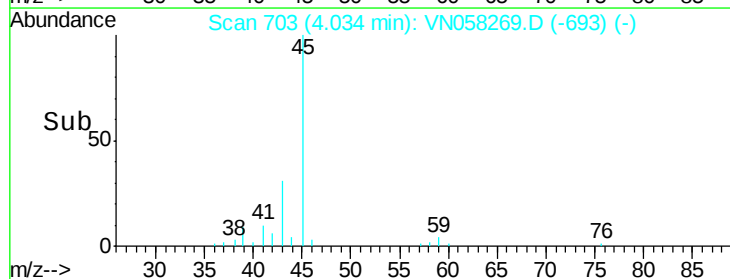
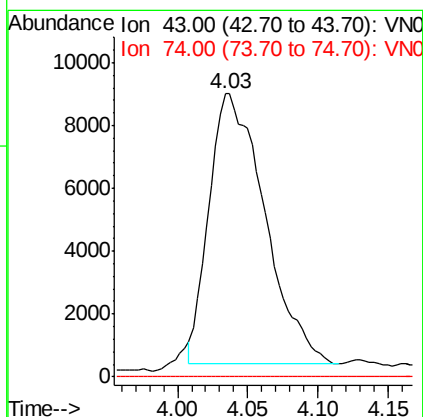
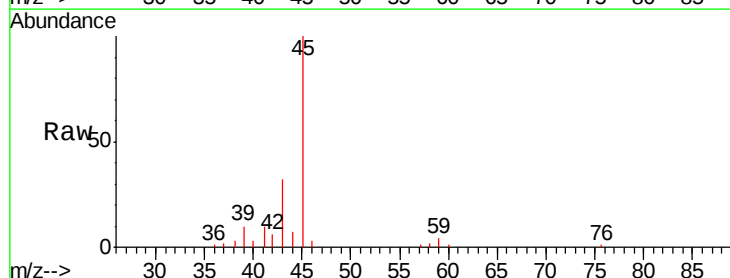
Instrument :
MSVOA_N
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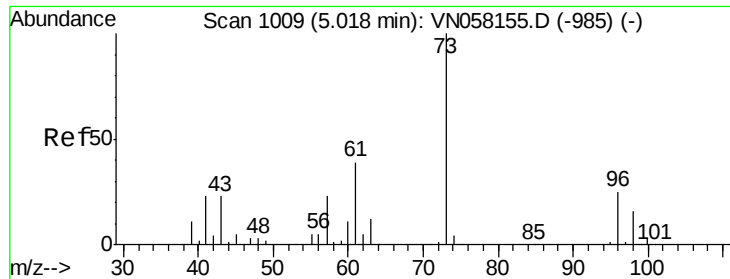
Tgt Ion: 76 Resp: 362
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 3.922 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.27 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion: 43 Resp: 23641
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190917

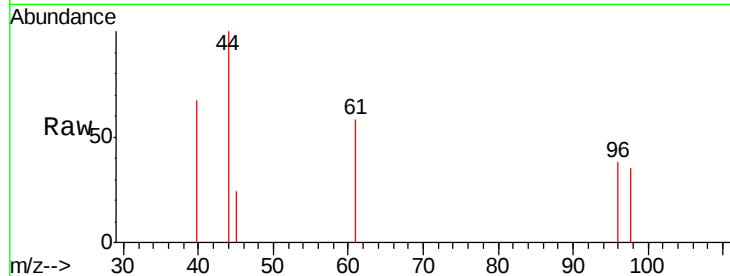
Tgt Ion: 96 Resp: 192

Ion Ratio Lower Upper

96 100

61 62.0 122.2 183.4#

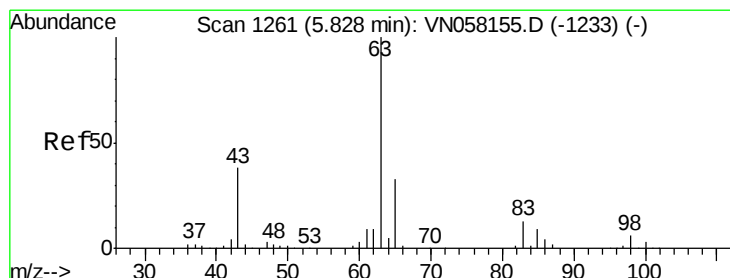
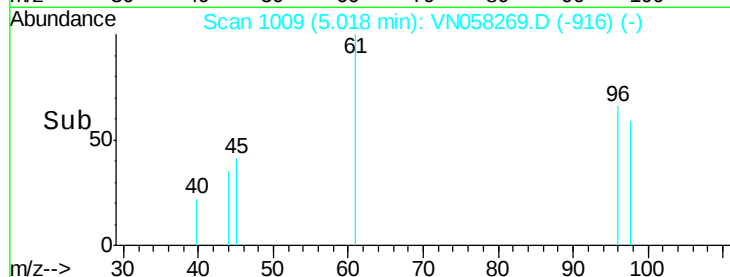
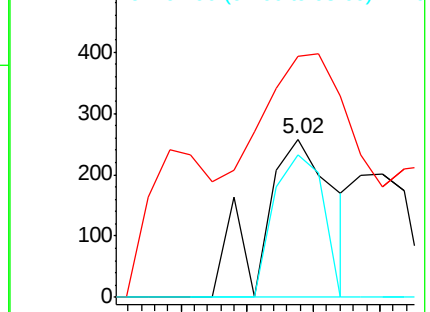
98 89.9 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#24

1,1-Dichloroethane

Concen: 1.168 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

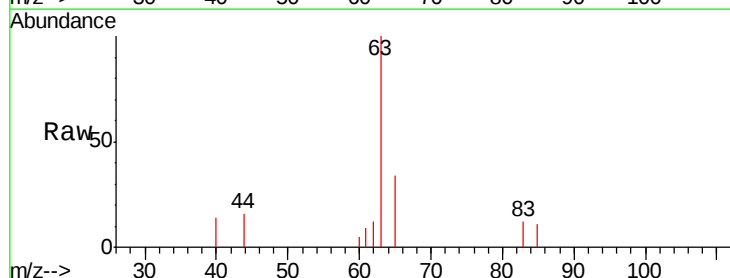
Tgt Ion: 63 Resp: 10149

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.6#

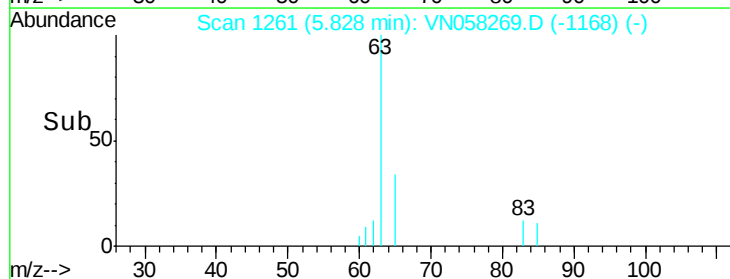
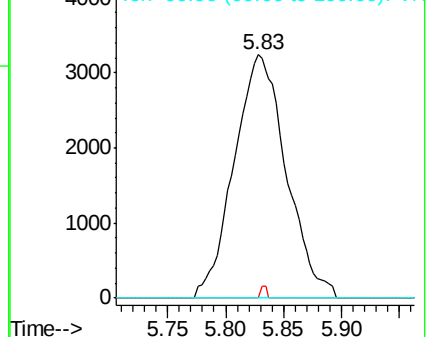
100 0.0 1.8 5.3#

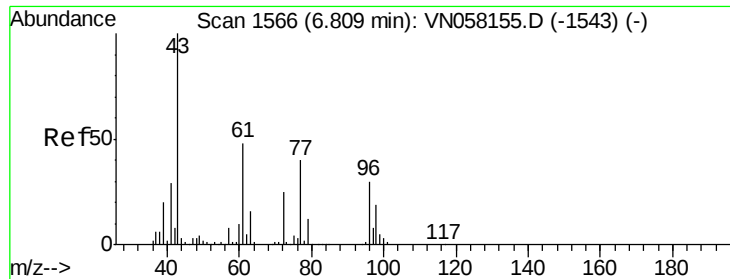


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 2.322 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190917

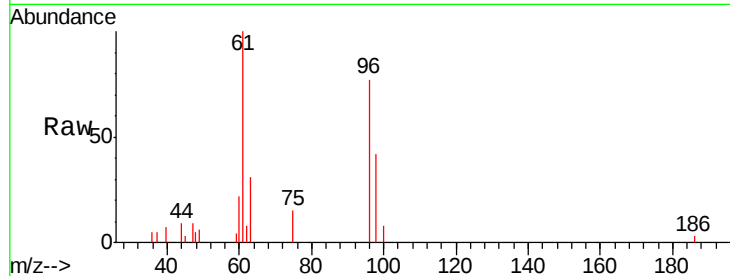
Tgt Ion: 96 Resp: 11407

Ion Ratio Lower Upper

96 100

61 132.4 0.0 319.0

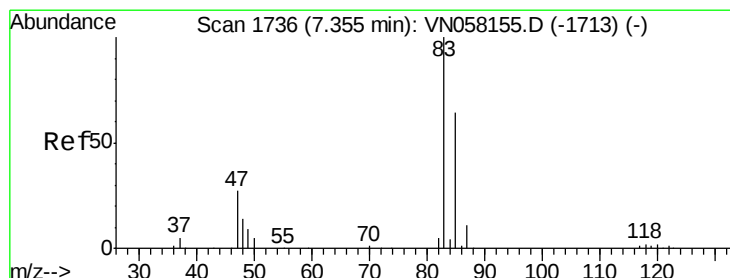
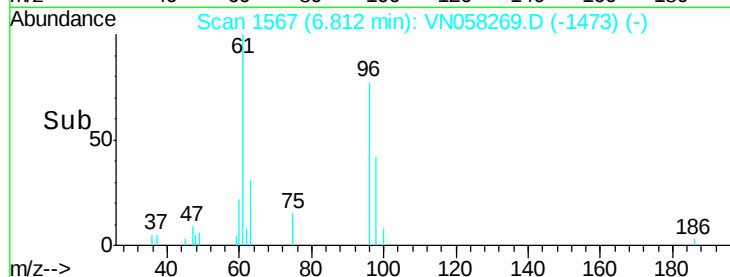
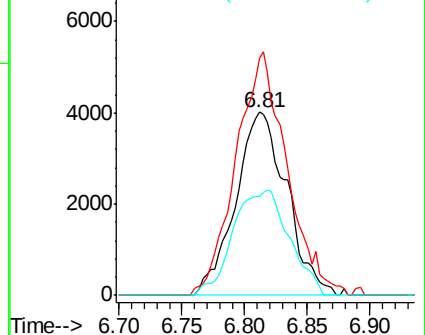
98 63.0 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#30

Chloroform

Concen: 0.861 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058269.D

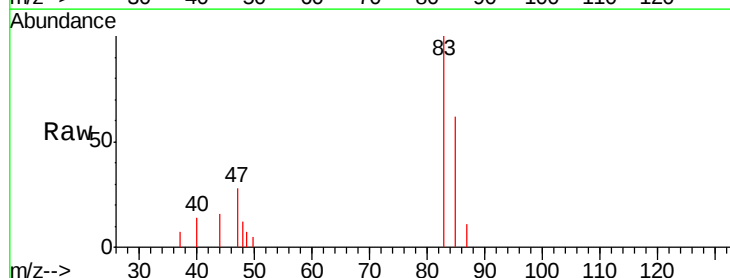
Acq: 20 Sep 2019 22:14

Tgt Ion: 83 Resp: 8049

Ion Ratio Lower Upper

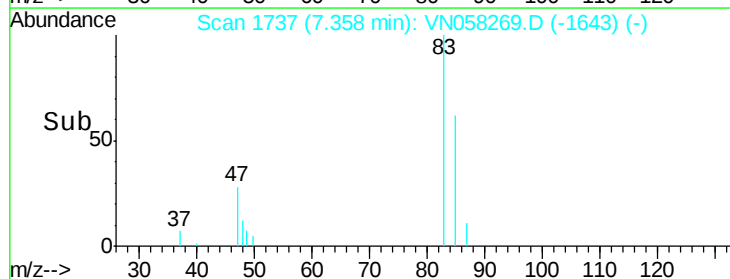
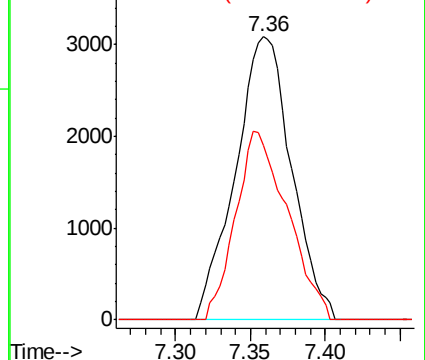
83 100

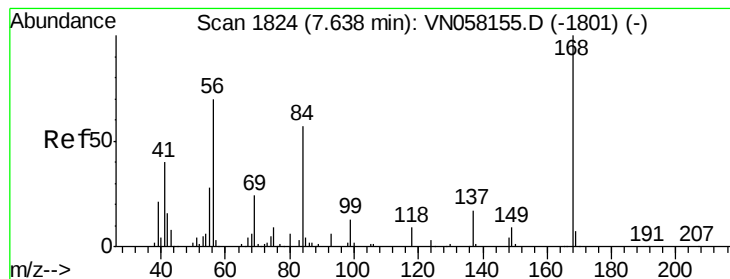
85 61.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

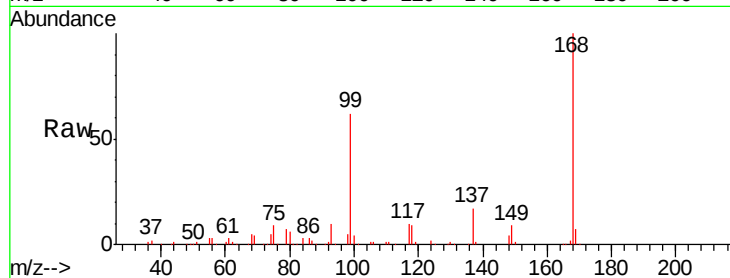
Tgt Ion: 56 Resp: 12221

Ion Ratio Lower Upper

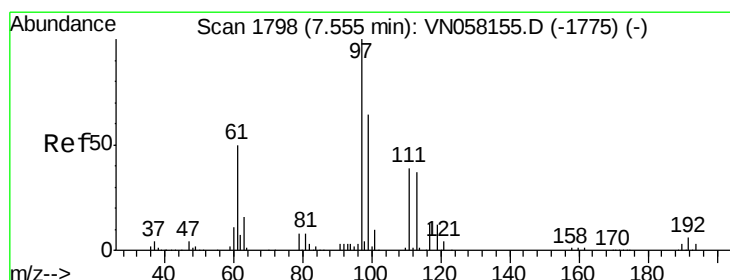
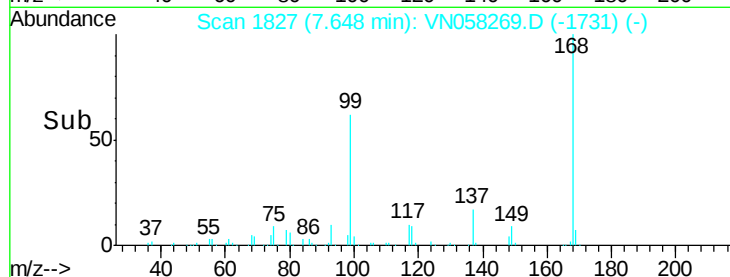
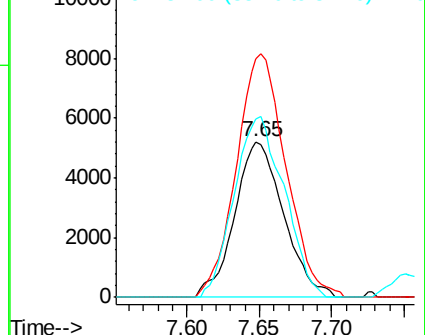
56 100

69 153.7 27.3 40.9#

84 115.1 65.0 97.4#



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



#32

1,1,1-Trichloroethane

Concen: 0.490 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

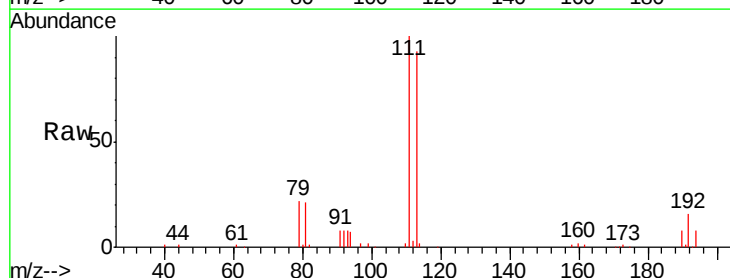
Tgt Ion: 97 Resp: 3490

Ion Ratio Lower Upper

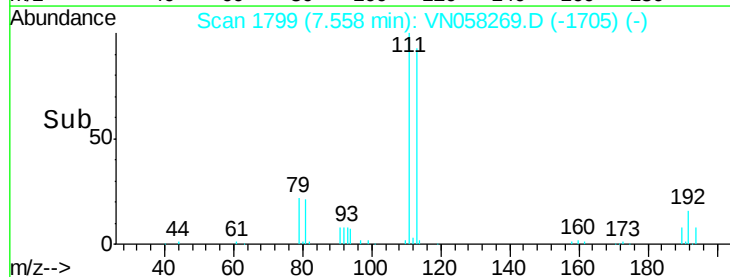
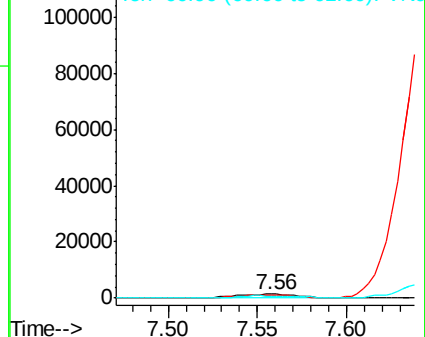
97 100

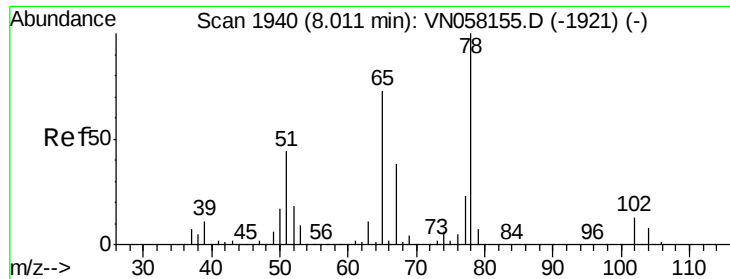
99 0.0 50.9 76.3#

61 58.4 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

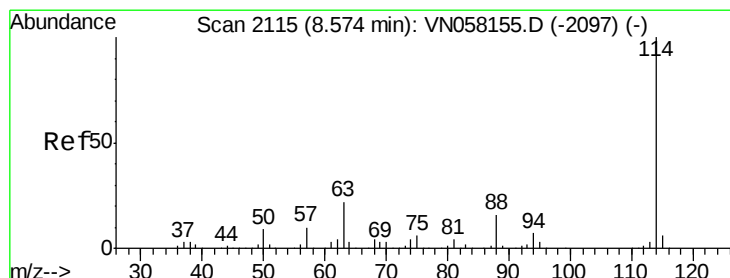
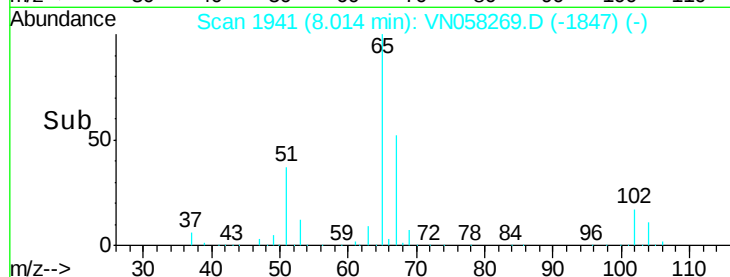
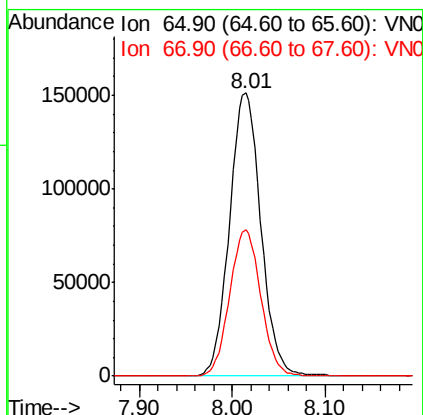
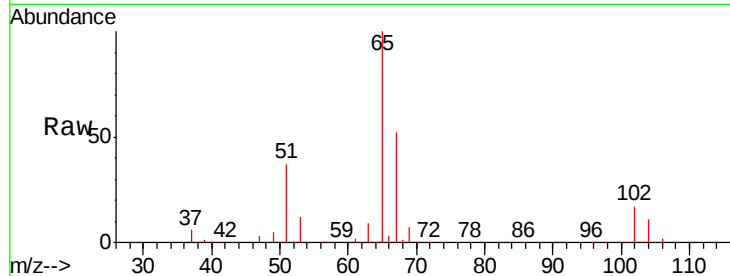




#33
 1,2-Dichloroethane-d4
 Concen: 52.637 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058269.D
 Acq: 20 Sep 2019 22:14

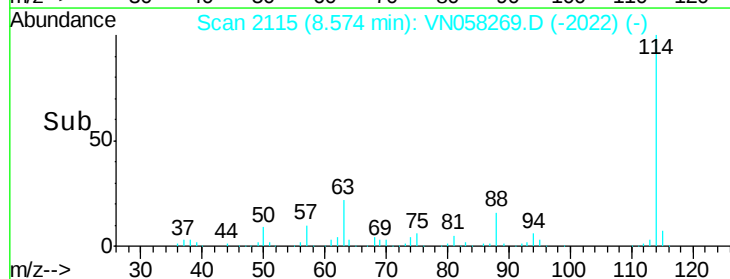
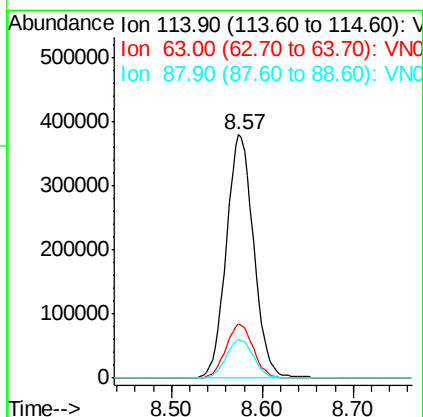
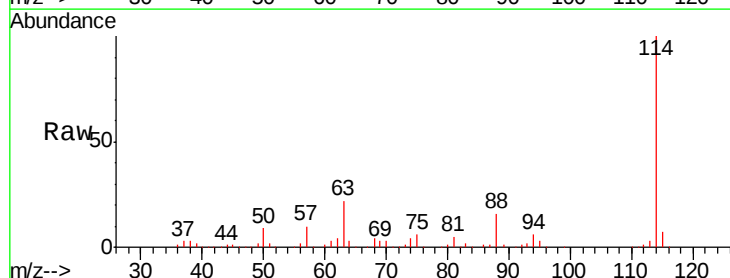
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20190917

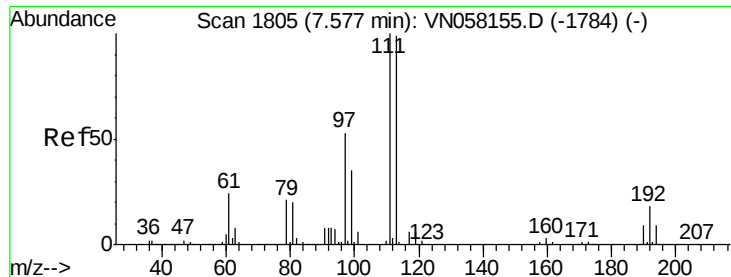
Tgt Ion: 65 Resp: 355218
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058269.D
 Acq: 20 Sep 2019 22:14

Tgt Ion: 114 Resp: 795016
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 15.7 0.0 31.6

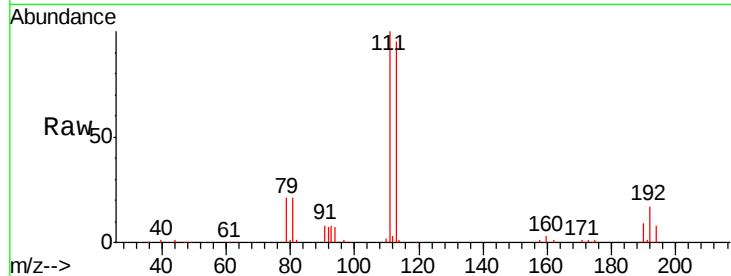




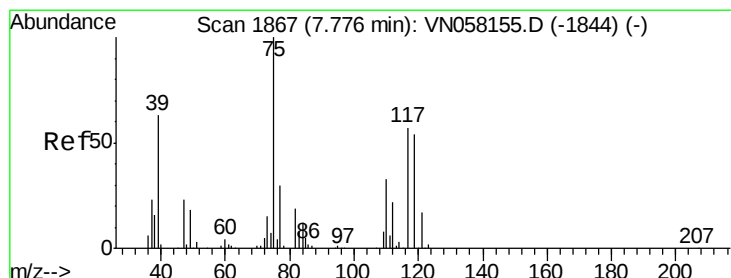
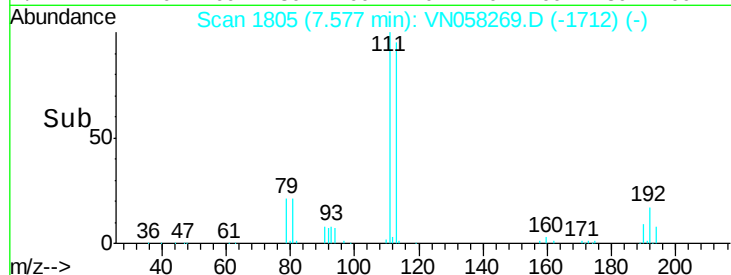
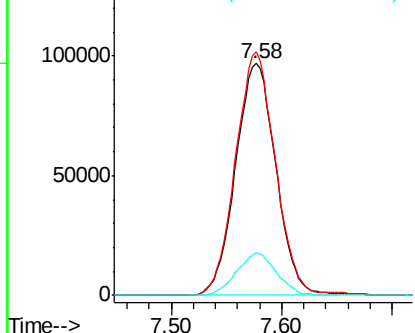
#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	18.1	14.5	21.7

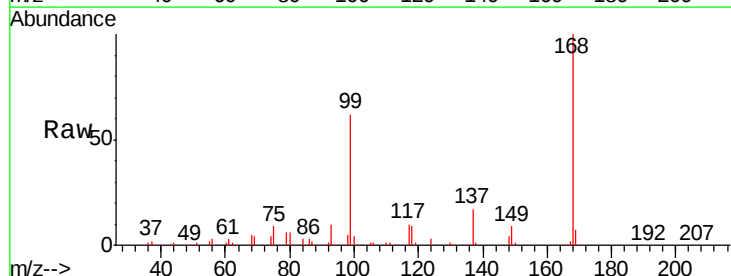


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

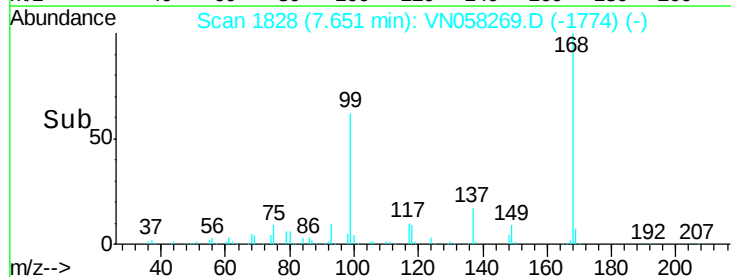
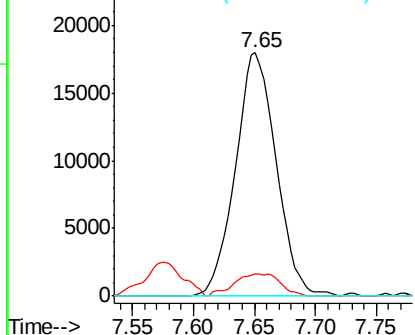


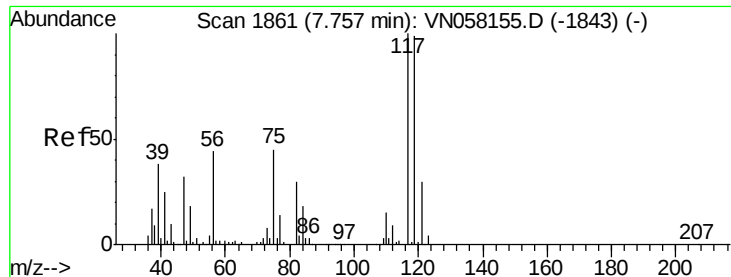
#36
1,1-Dichloropropene
Concen: 7.265 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.6	49.7#
77	0.0	24.3	36.5#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

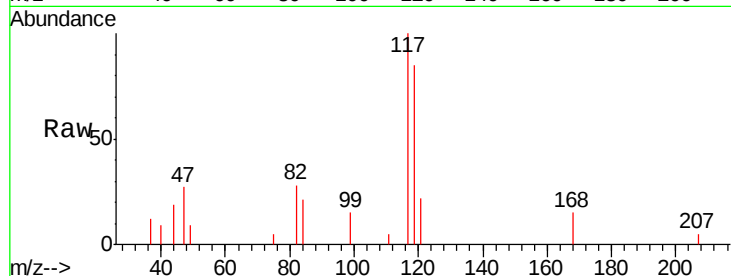




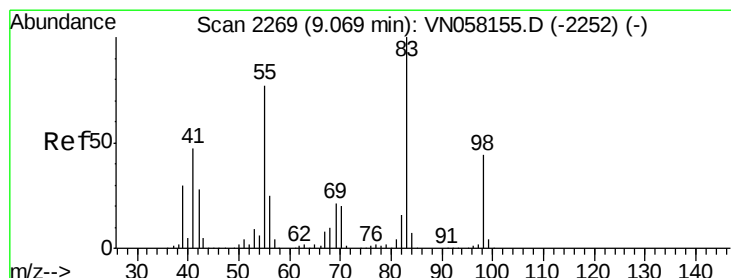
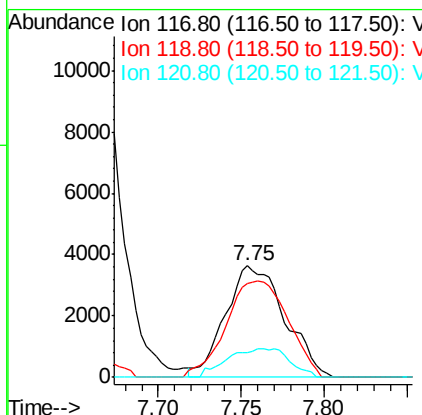
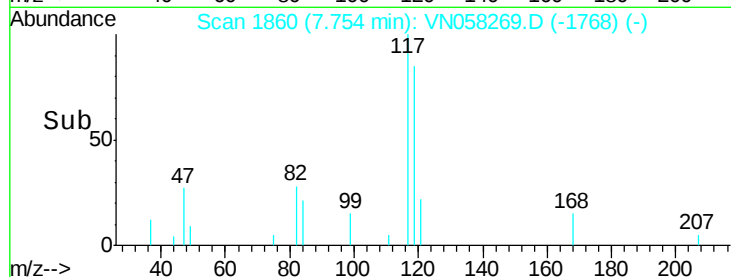
#38
Carbon Tetrachloride
Concen: 1.576 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

Tgt Ion:117 Resp: 9084
Ion Ratio Lower Upper
117 100
119 84.7 78.6 117.8
121 22.0 24.1 36.1#

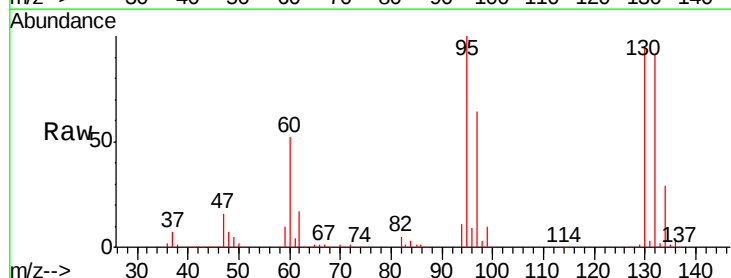


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

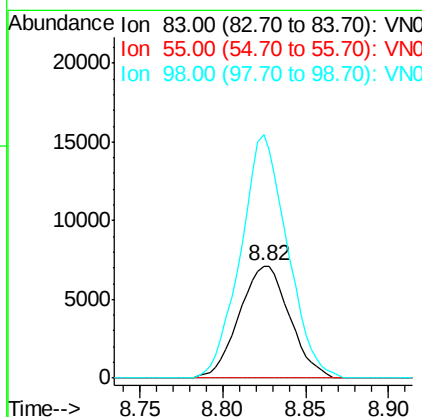
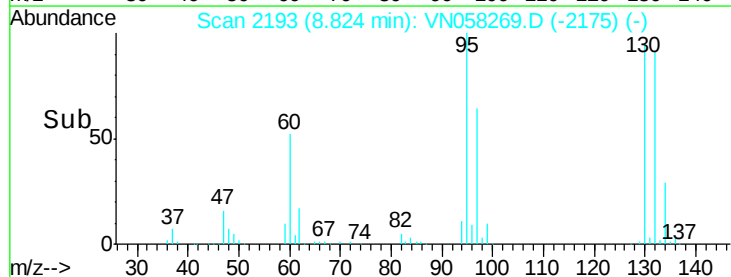


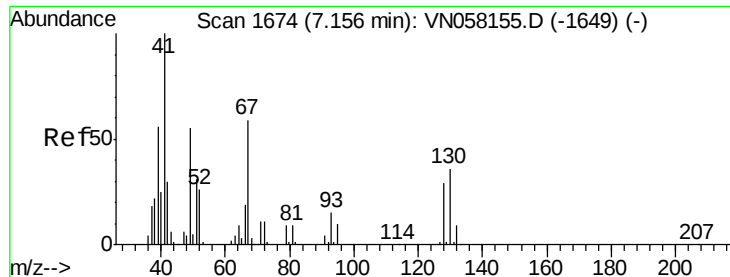
#39
Methylcyclohexane
Concen: 2.775 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion: 83 Resp: 15010
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 217.4 35.4 53.2#



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

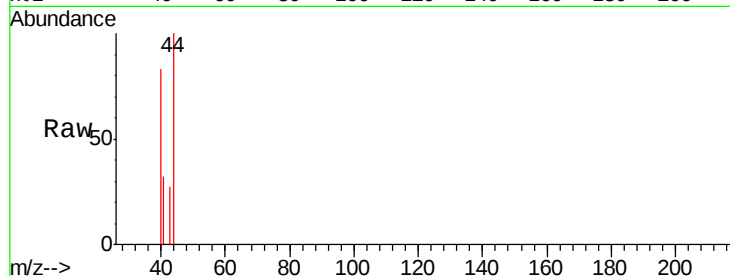




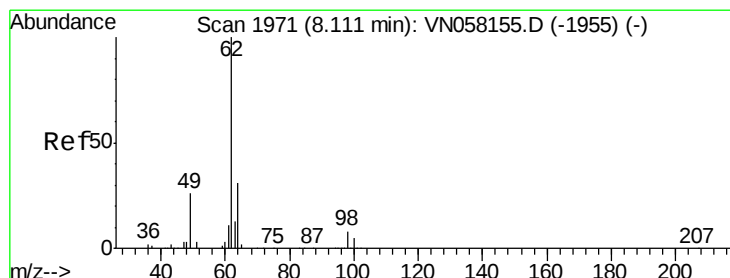
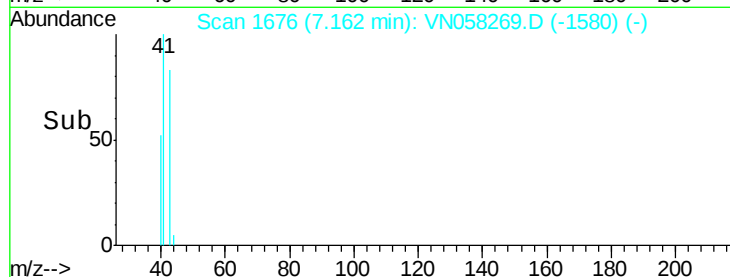
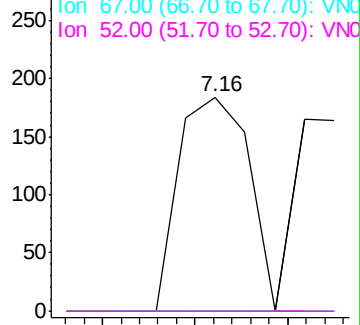
#41
Methacrylonitrile
Concen: 0.943 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

Tgt Ion:	41	Resp:	97
Ion	Ratio	Lower	Upper
41	100		
39	32.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

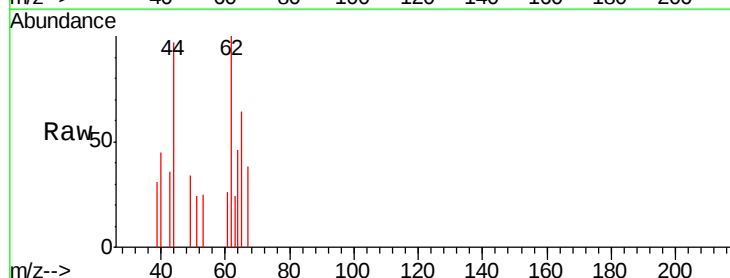


Abundance Ion 41.00 (40.70 to 41.70): VN0

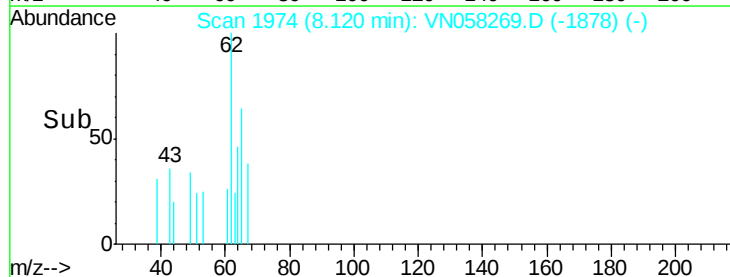
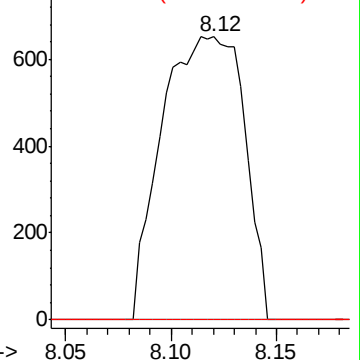


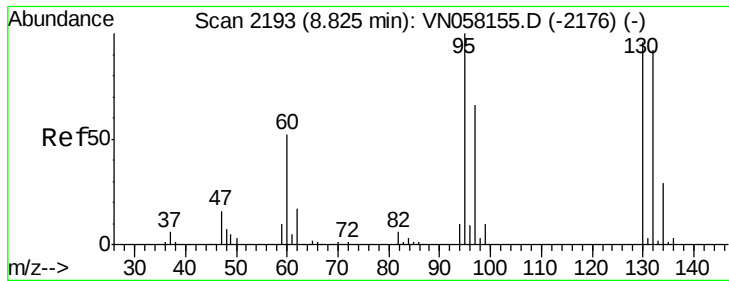
#42
1,2-Dichloroethane
Concen: 0.241 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion:	62	Resp:	1772
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0





#44

Trichloroethene

Concen: 266.823 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

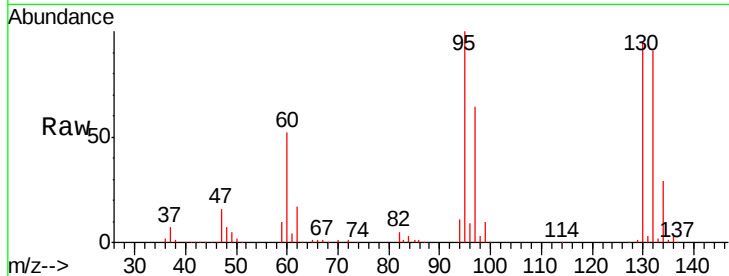
Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

Tgt Ion:130 Resp: 1143396

Ion Ratio Lower Upper

130 100

95 104.7 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

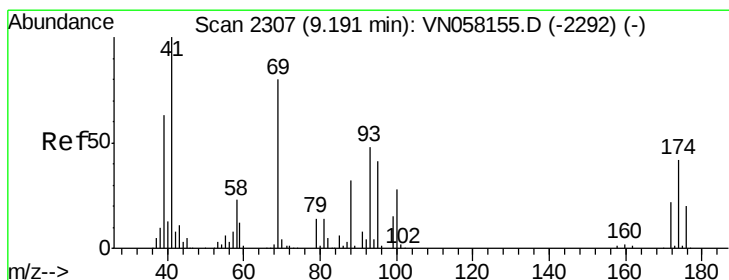
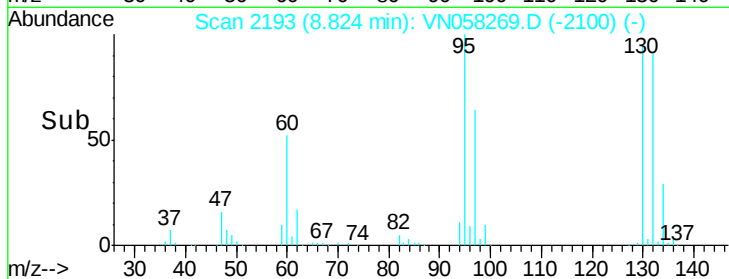
600000

400000

200000

0

Time--> 8.70 8.80 8.90



#49

1,4-Dioxane

Concen: 16.285 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.01 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

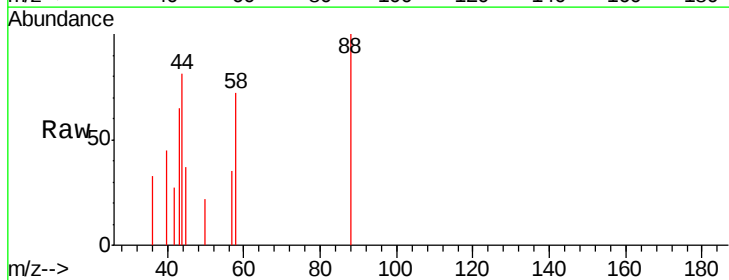
Tgt Ion: 88 Resp: 1349

Ion Ratio Lower Upper

88 100

43 23.0 27.8 41.8#

58 67.5 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

1000

800

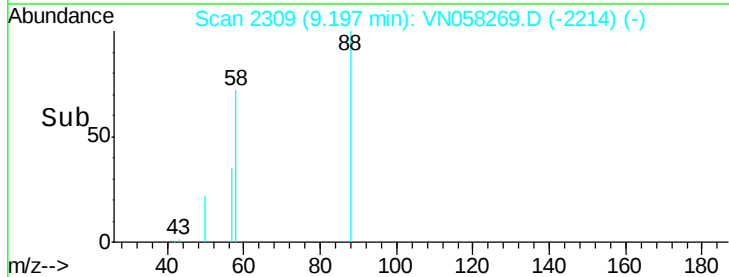
600

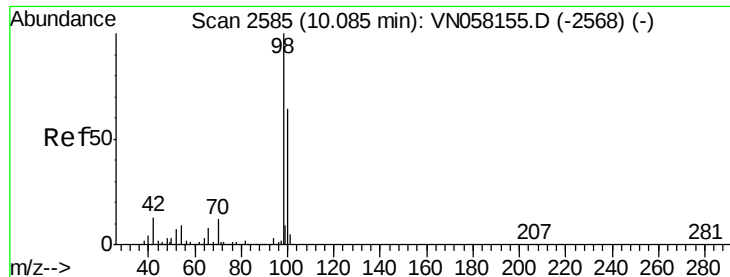
400

200

0

Time--> 9.15 9.20

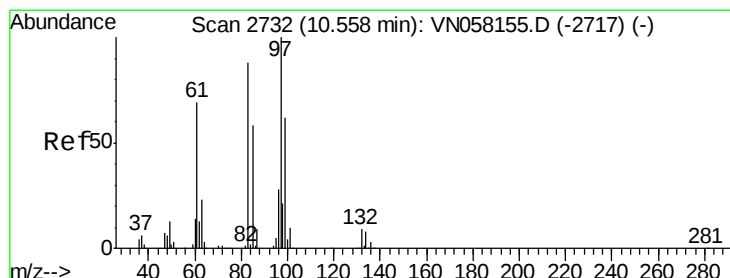
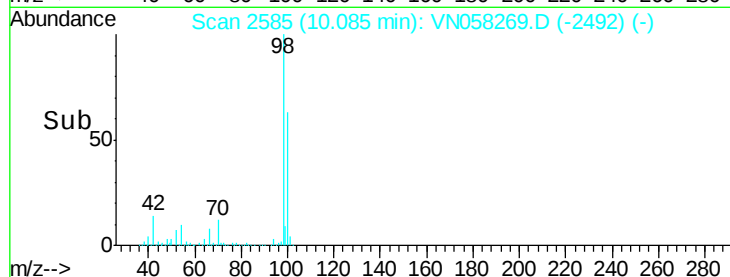
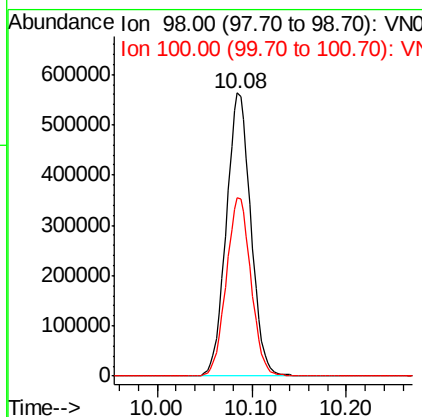
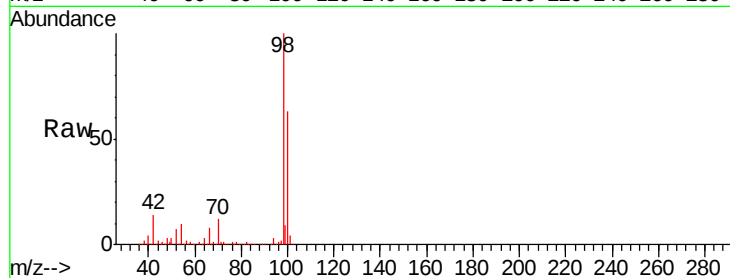




#50
Toluene-d8
Concen: 53.855 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

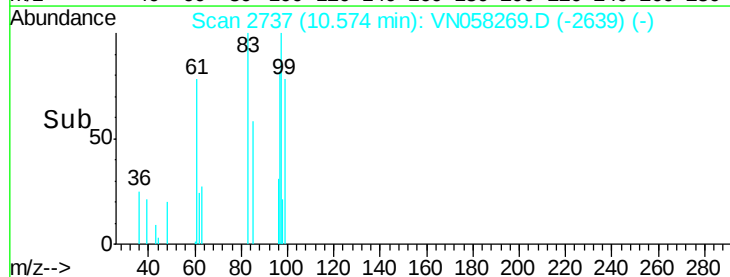
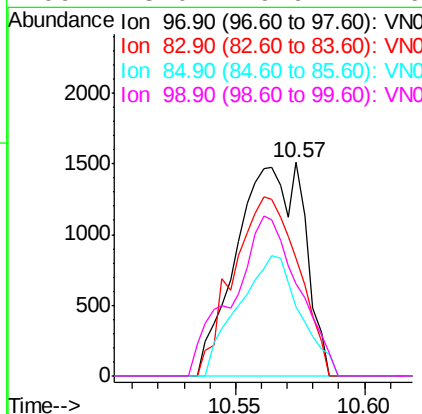
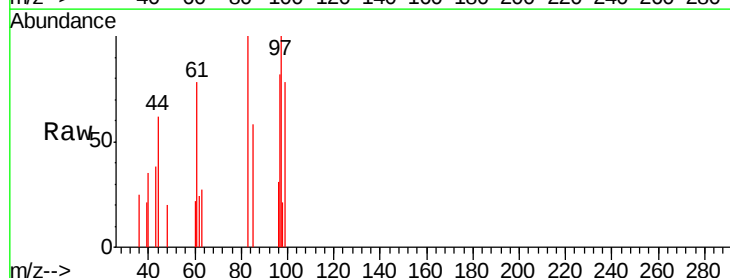
Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

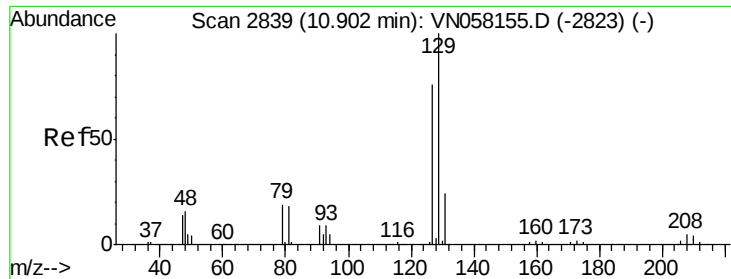
Tgt Ion: 98 Resp: 1014114
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#55
1,1,2-Trichloroethane
Concen: 0.561 ug/l
RT: 10.57 min Scan# 2737
Delta R.T. 0.02 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion: 97 Resp: 2731
Ion Ratio Lower Upper
97 100
83 55.1 70.4 105.6#
85 32.2 46.8 70.2#
99 43.0 49.9 74.9#





#60

Dibromochloromethane

Concen: 0.315 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.28 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

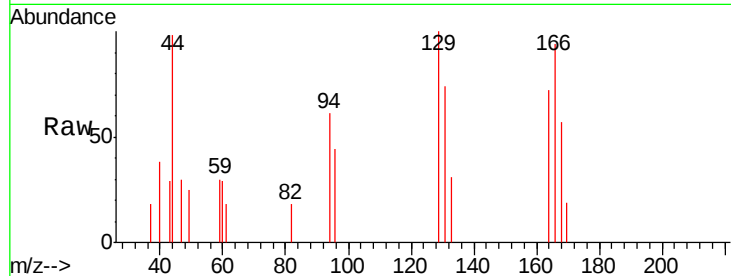
TT101D1-20190917

Tgt Ion:129 Resp: 1476

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

800

600

400

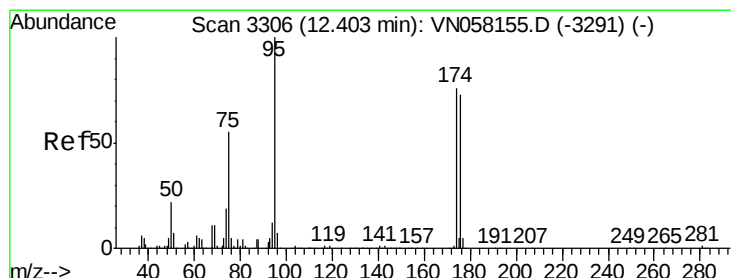
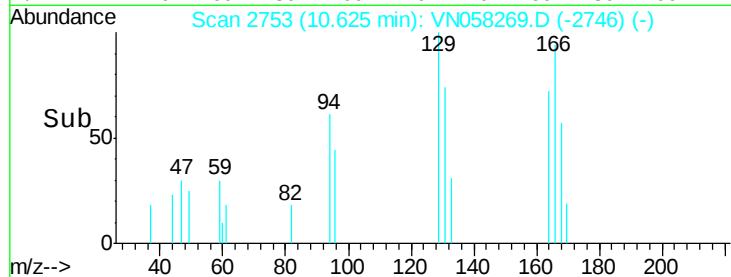
200

0

10.60

10.65

Time-->



#62

4-Bromofluorobenzene

Concen: 45.823 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

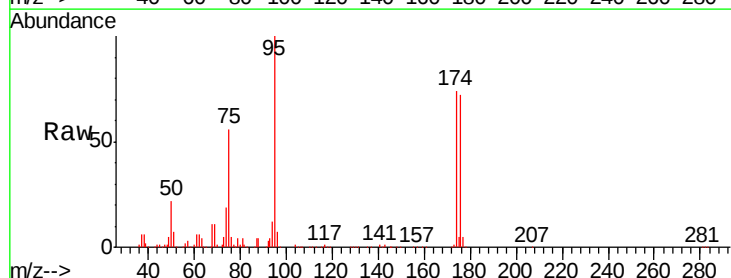
Tgt Ion: 95 Resp: 320525

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

176 73.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

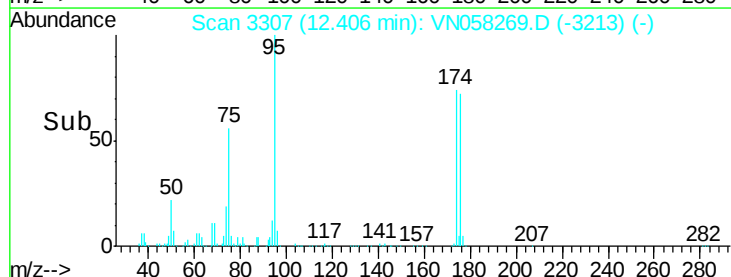
0

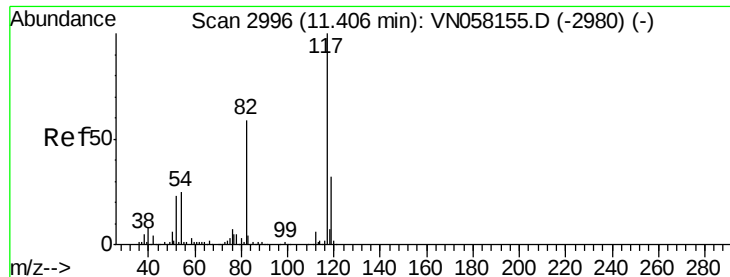
12.35

12.40

12.45

Time-->

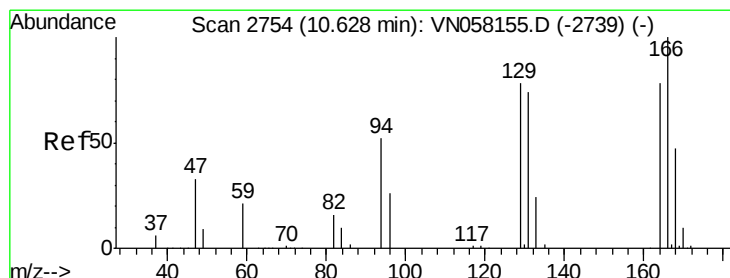
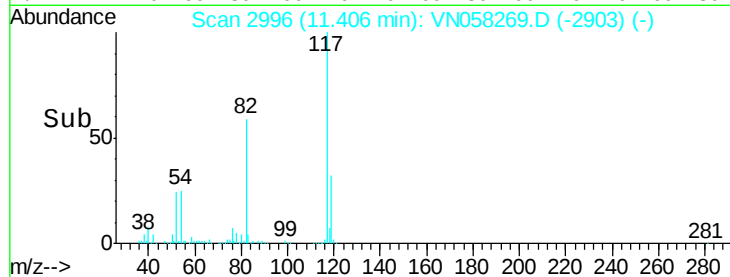
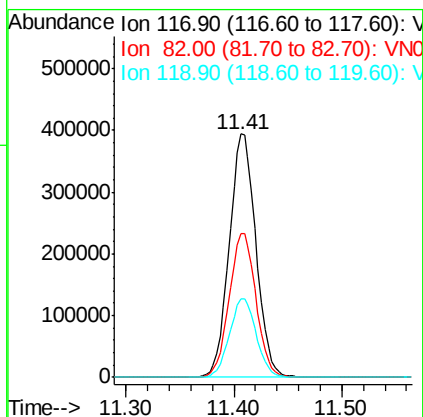
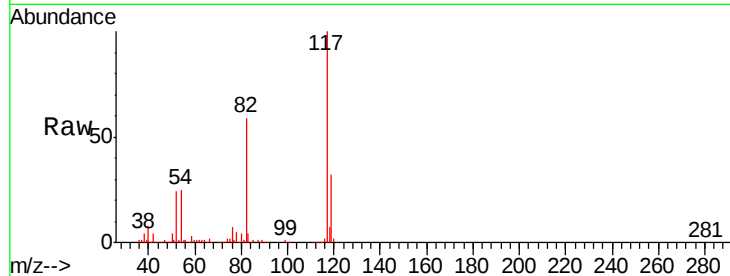




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

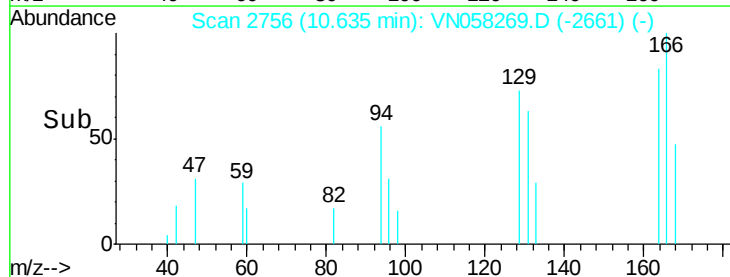
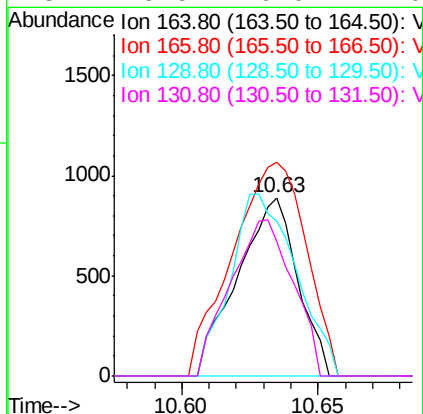
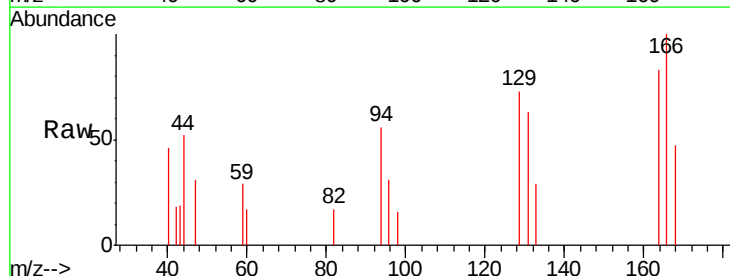
Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190917

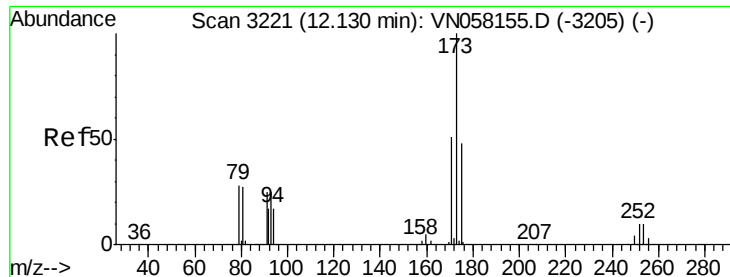
Tgt Ion:117 Resp: 679173
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 0.410 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.01 min
Lab File: VN058269.D
Acq: 20 Sep 2019 22:14

Tgt Ion:164 Resp: 1357
Ion Ratio Lower Upper
164 100
166 119.8 102.2 153.4
129 87.1 79.6 119.4
131 75.5 76.0 114.0#





#71

Bromoform

Concen: 3.883 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190917

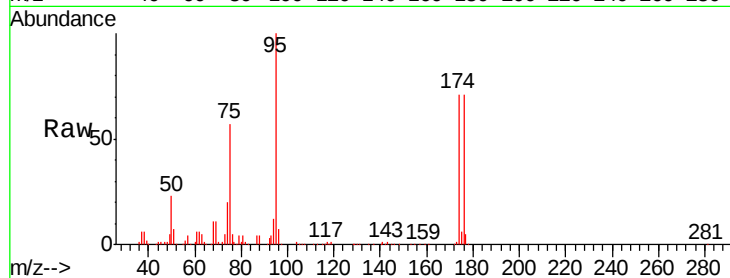
Tgt Ion:173 Resp: 995

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

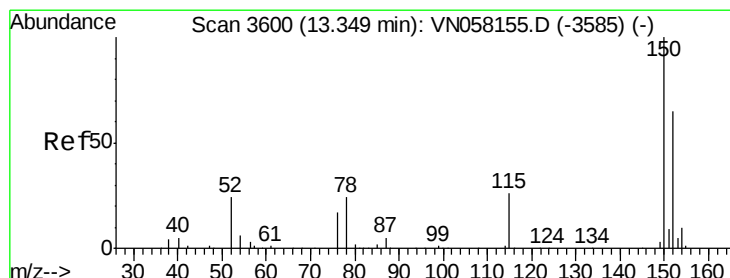
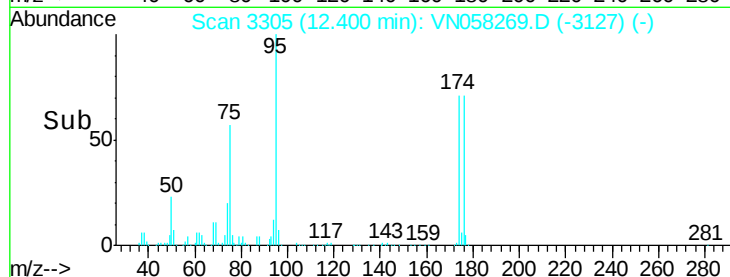
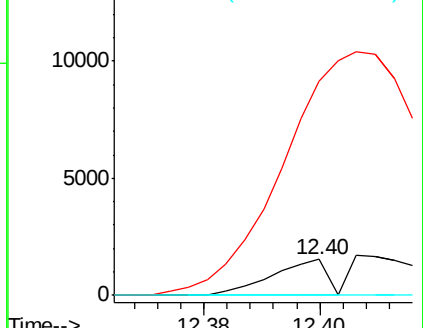
254 0.0 0.1 0.1#



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# 3600

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

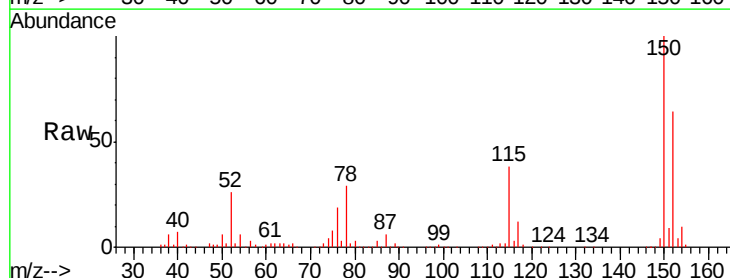
Tgt Ion:152 Resp: 278546

Ion Ratio Lower Upper

152 100

115 61.4 30.1 90.3

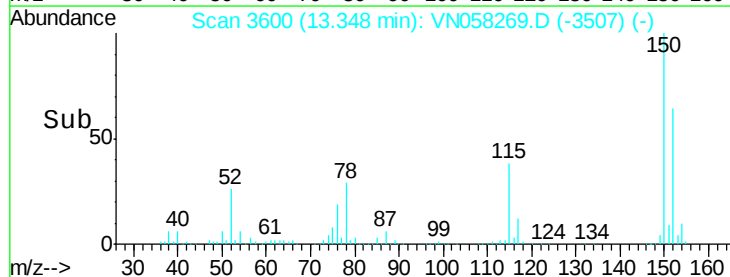
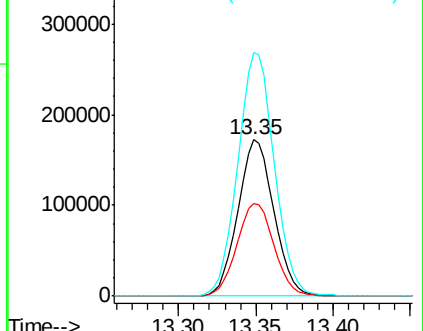
150 158.5 0.0 346.4

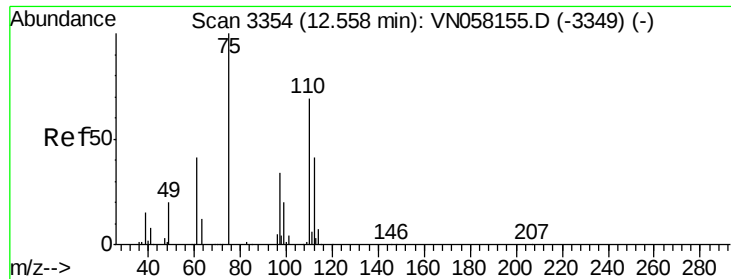


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

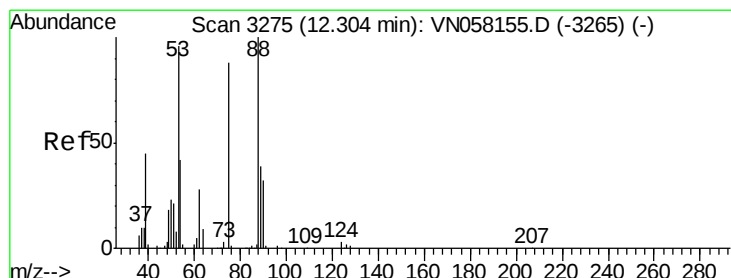
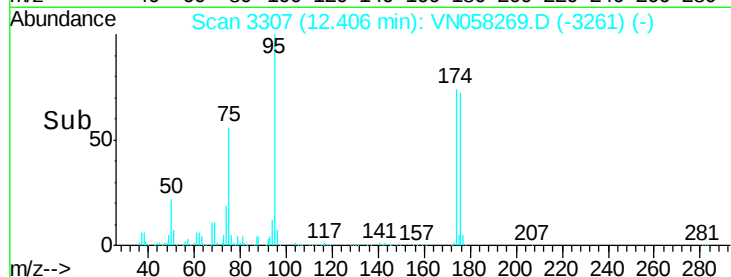
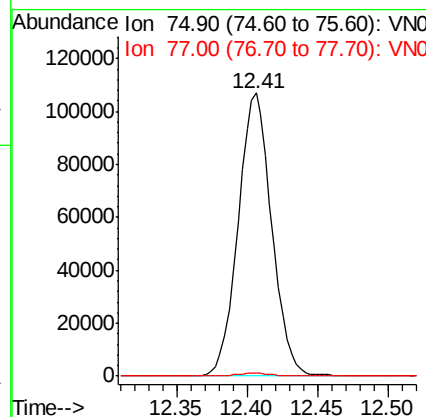
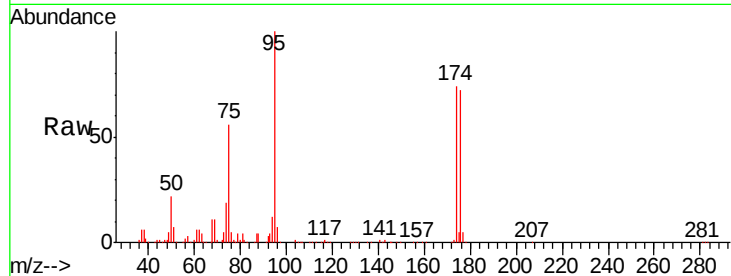




#76
 1,2,3-Trichloropropane
 Concen: 35.707 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058269.D
 Acq: 20 Sep 2019 22:14

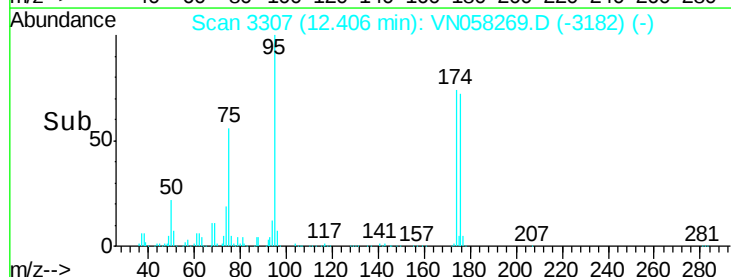
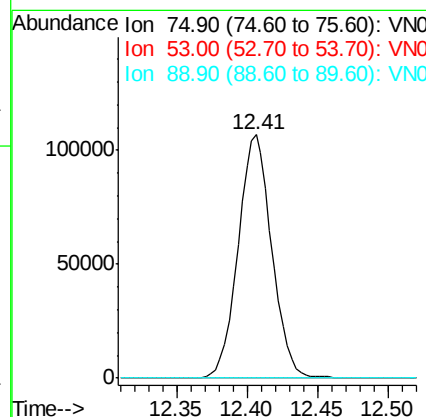
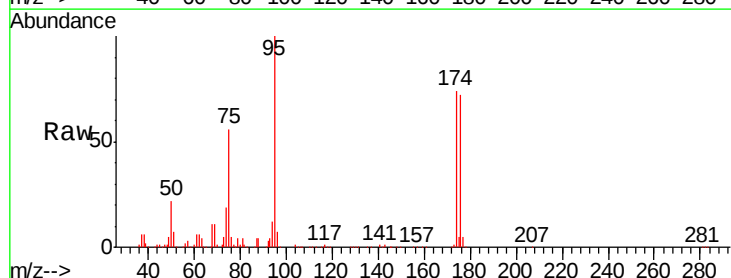
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20190917

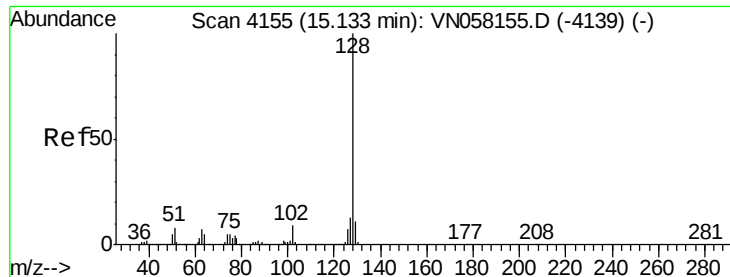
Tgt Ion: 75 Resp: 178001
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.767 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058269.D
 Acq: 20 Sep 2019 22:14

Tgt Ion: 75 Resp: 178001
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 0.342 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190917

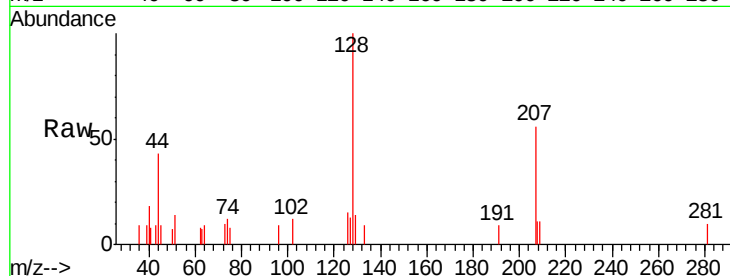
Tgt Ion:128 Resp: 4549

Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.2

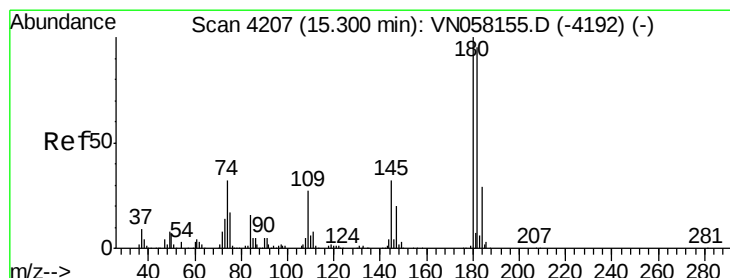
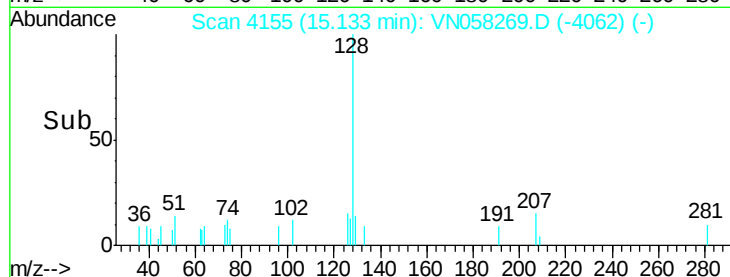
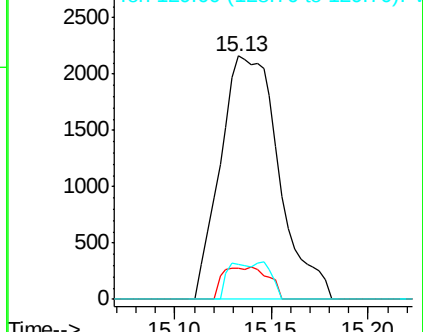
129 6.2 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.251 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN058269.D

Acq: 20 Sep 2019 22:14

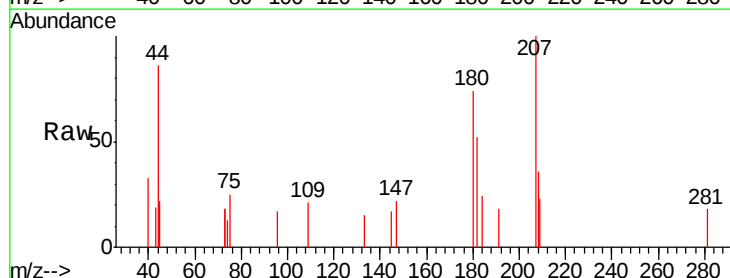
Tgt Ion:180 Resp: 1217

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.2

145 16.1 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

