

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059265.D
 Acq On : 15 Nov 2019 14:58
 Operator : JC/SP
 Sample : K5863-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	469303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	724242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	648300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	235248	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	283421	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	7.57	113	222302	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	10.08	98	891882	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	285308	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

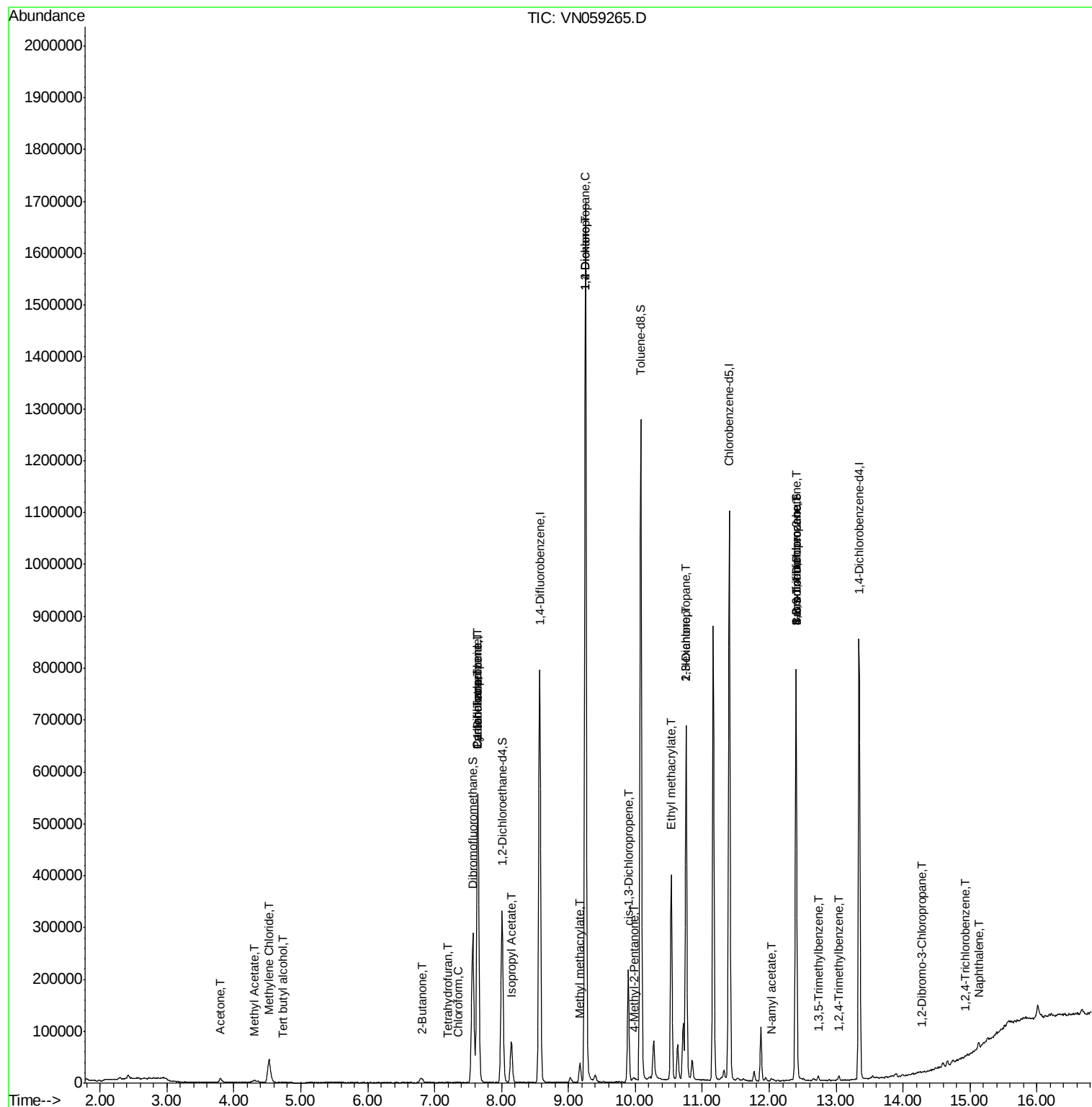
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	1089	0.991	ug/l #	72
16) Acetone	3.79	43	12978	4.326	ug/l	96
18) Methyl Acetate	4.30	43	4627	0.650	ug/l #	64
20) Methylene Chloride	4.53	84	34568	6.614	ug/l	98
25) 2-Butanone	6.82	43	3166	0.801	ug/l	94
29) Tetrahydrofuran	7.20	42	551	0.219	ug/l #	35
30) Chloroform	7.34	83	2011	0.221	ug/l #	74
31) Cyclohexane	7.65	56	8710	0.970	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34246	5.059	ug/l #	50
38) Carbon Tetrachloride	7.64	117	43565	6.466	ug/l #	17
43) Isopropyl Acetate	8.15	43	93273	7.769	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	2050	0.370	ug/l #	44
48) Methyl methacrylate	9.17	41	5795	1.079	ug/l #	14
49) 1,4-Dioxane	9.25	88	269	2.819	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6447	0.949	ug/l #	87
54) cis-1,3-Dichloropropene	9.89	75	39062	4.562	ug/l #	65
56) Ethyl methacrylate	10.53	69	1034	1.994	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6770	0.795	ug/l #	42
59) 2-Hexanone	10.76	43	99911	19.161	ug/l #	53
71) Bromoform	12.40	173	1965	0.533	ug/l #	1
74) N-amyl acetate	12.03	43	5201	0.717	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	140391	26.213	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4307	0.297	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	140391	69.235	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	5566	0.397	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.29	75	278	0.265	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	336	3.118	ug/l #	37
95) Naphthalene	15.13	128	10090	3.822	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

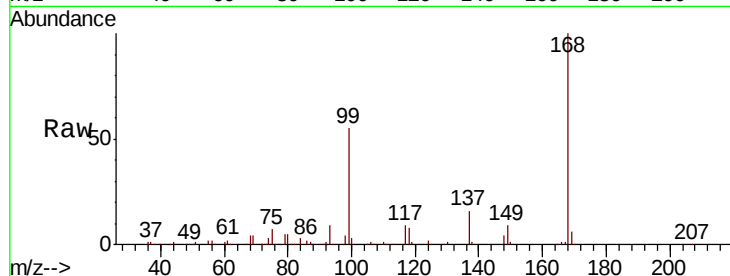
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 469303

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

100000

50000

0

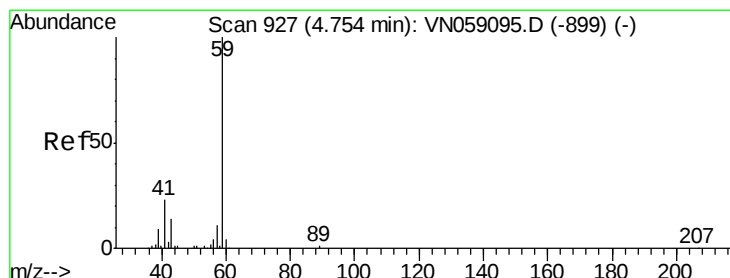
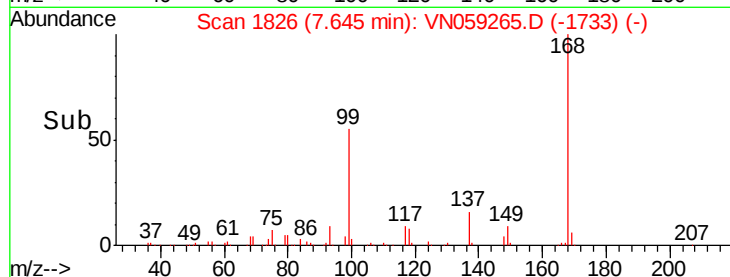
Time-->

7.50

7.60

7.70

7.80



#11

Tert butyl alcohol

Concen: 0.991 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.02 min

Lab File: VN059265.D

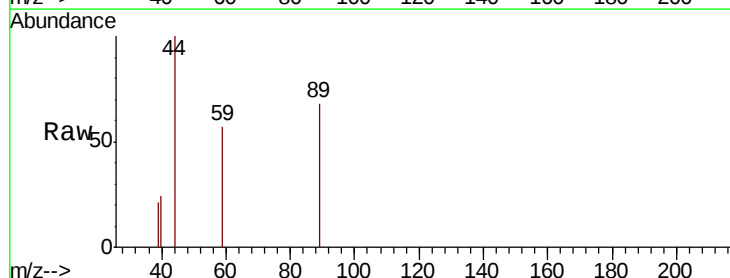
Acq: 15 Nov 2019 14:58

Tgt Ion: 59 Resp: 1089

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

500

400

300

200

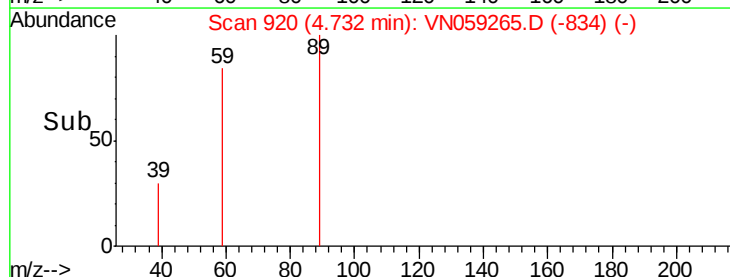
100

0

Time-->

4.70

4.75





#16

Acetone

Concen: 4.326 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

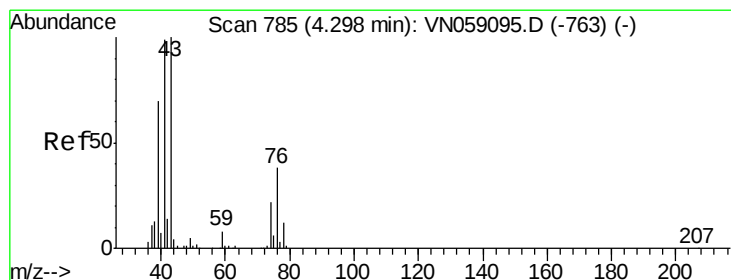
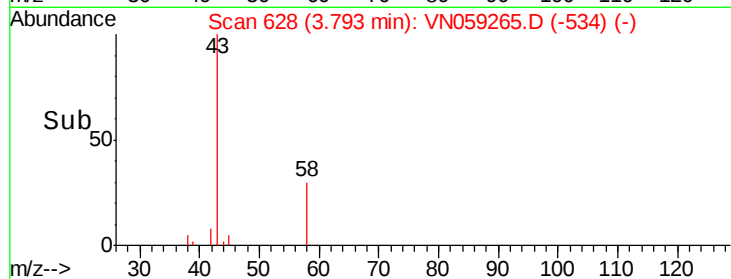
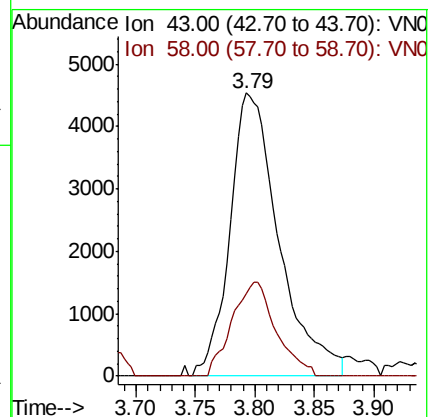
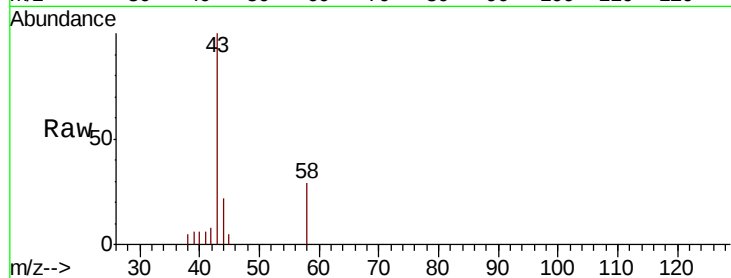
ClientSampled :

Tot Ion: 43 Resp: 12978

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3



#18

Methyl Acetate

Concen: 0.650 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059265.D

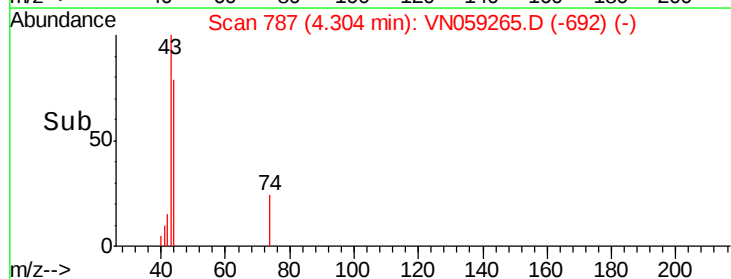
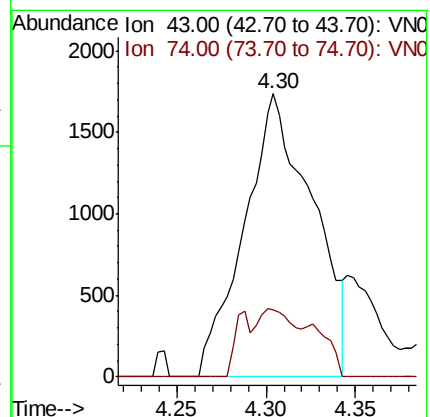
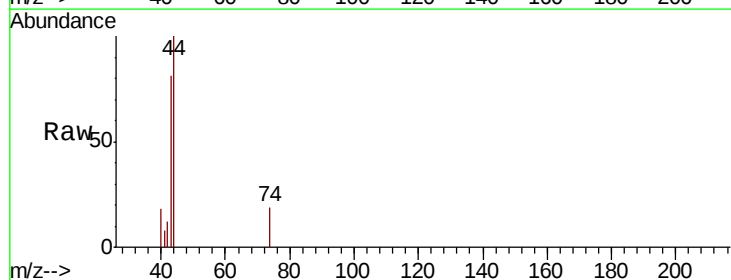
Acq: 15 Nov 2019 14:58

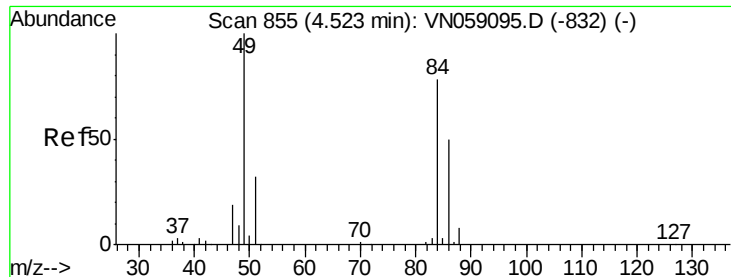
Tgt Ion: 43 Resp: 4627

Ion Ratio Lower Upper

43 100

74 5.1 17.8 26.8#

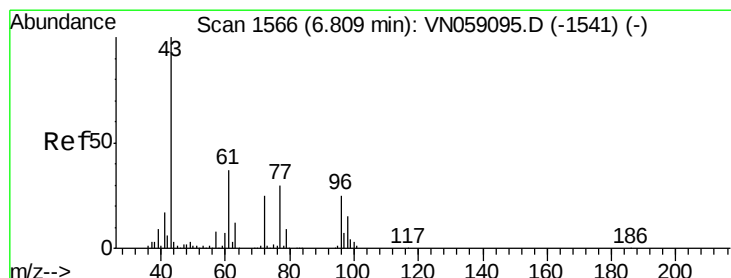
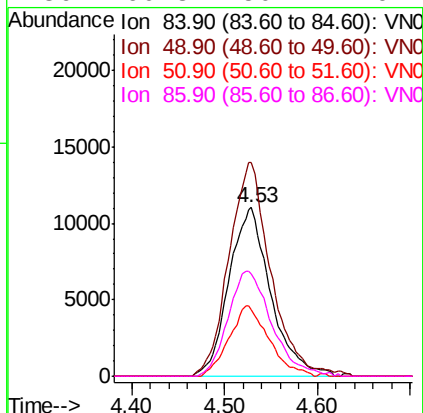
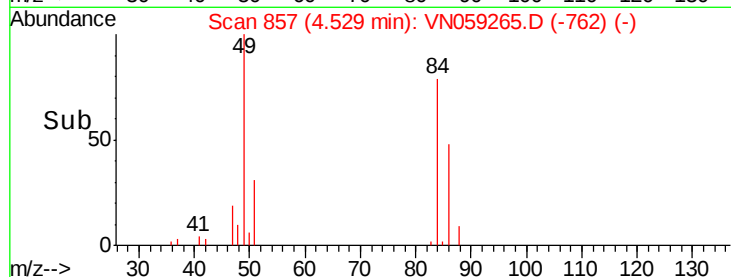
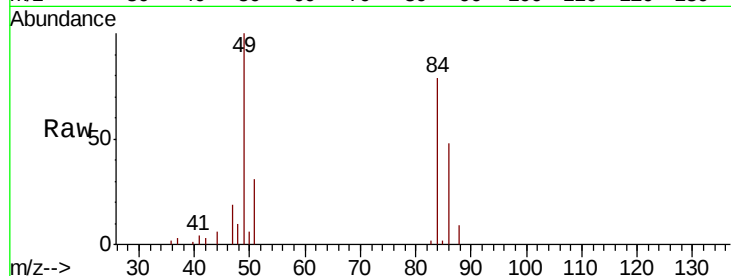




#20
Methvlene Chloride
Concen: 6.614 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

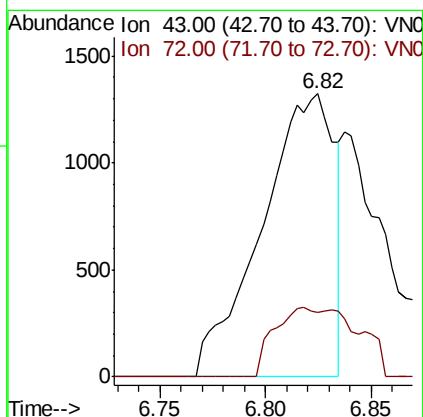
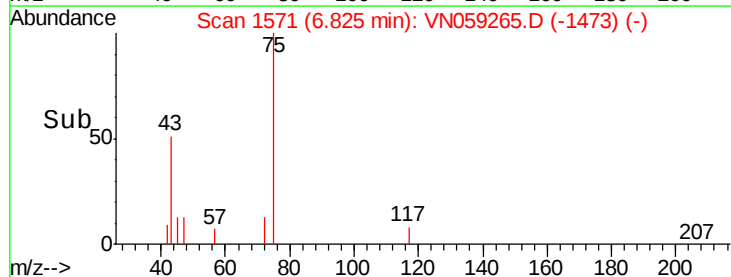
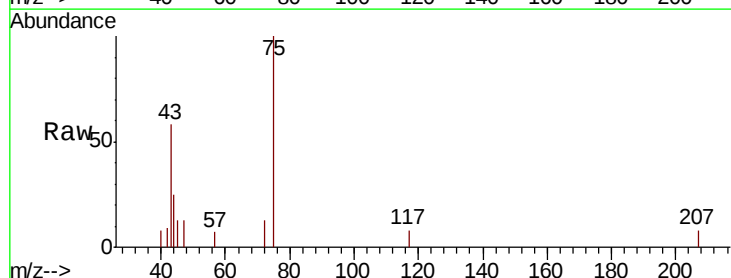
Instrument :
MSVOA_N
ClientSampleId :

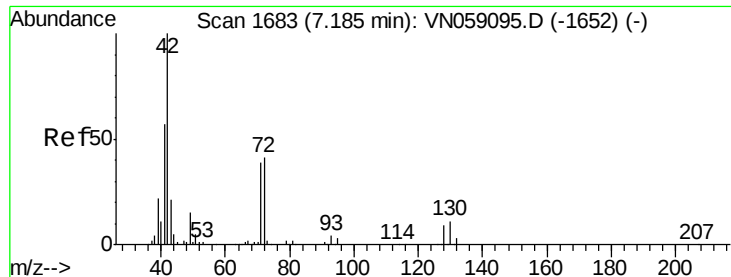
Tot Ion: 84 Resp: 34568
Ion Ratio Lower Upper
84 100
49 126.4 102.0 153.0
51 39.2 32.2 48.2
86 60.3 50.7 76.1



#25
2-Butanone
Concen: 0.801 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion: 43 Resp: 3166
Ion Ratio Lower Upper
43 100
72 22.6 20.3 30.5

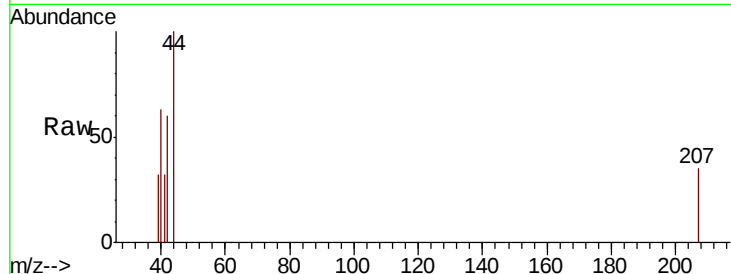




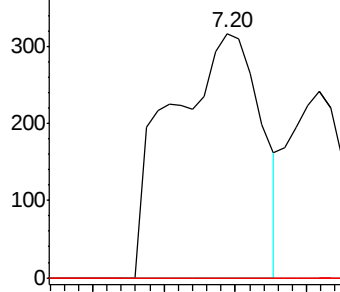
#29
Tetrahydrofuran
Concen: 0.219 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Instrument :
MSVOA_N
ClientSampled :

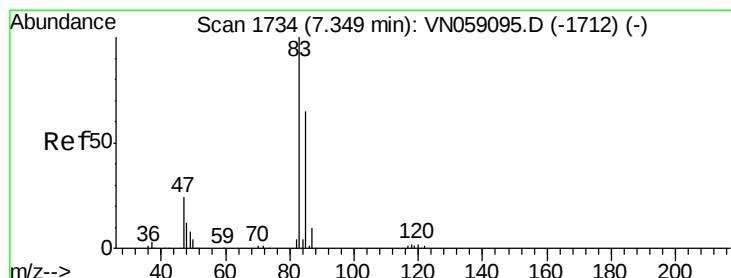
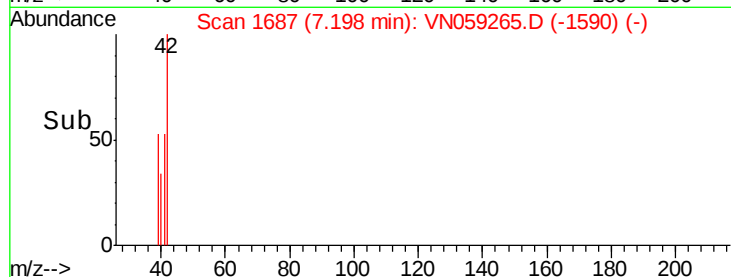
Tot Ion: 42 Resp: 551
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 0.0 30.9 46.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

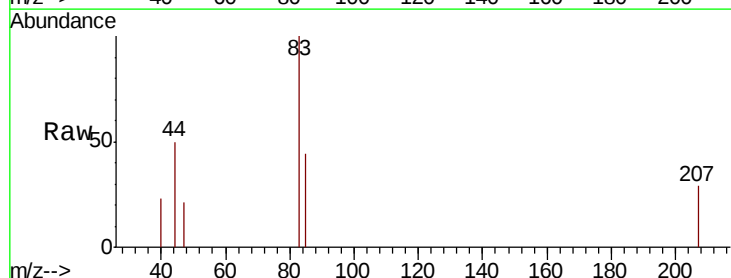


Time-->

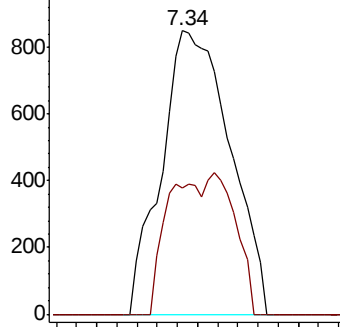


#30
Chloroform
Concen: 0.221 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

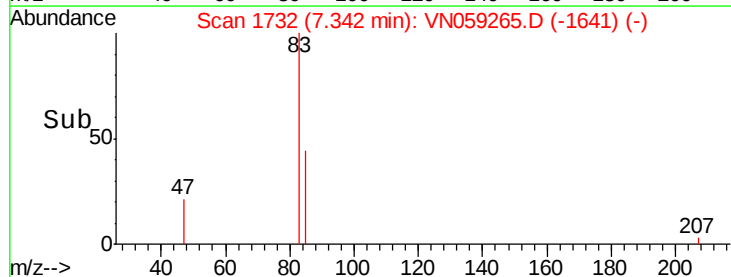
Tgt Ion: 83 Resp: 2011
Ion Ratio Lower Upper
83 100
85 44.4 51.8 77.8#

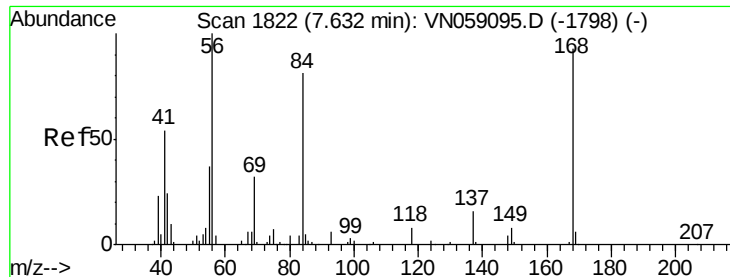


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0



Time-->

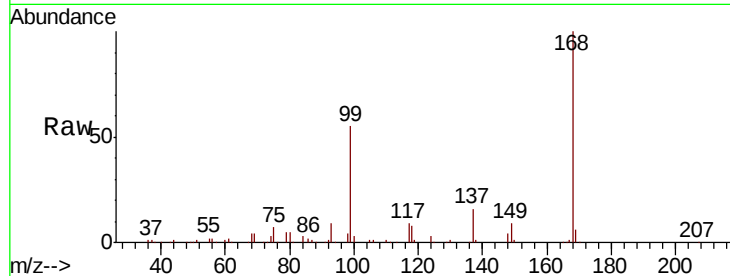




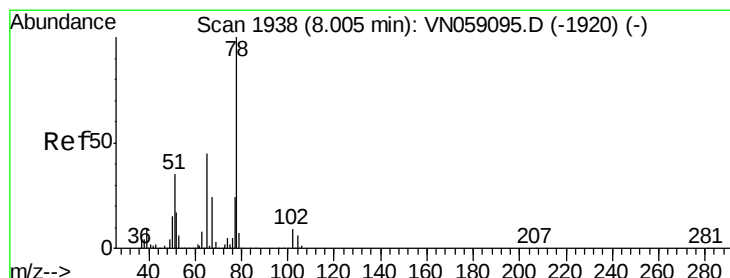
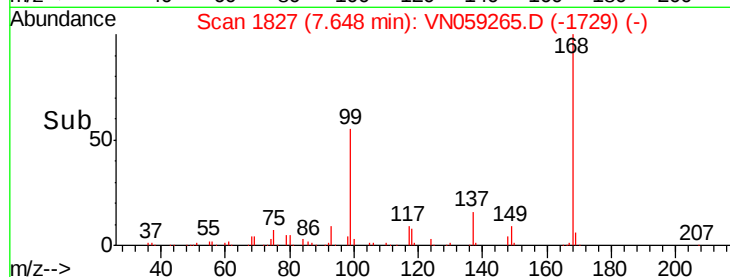
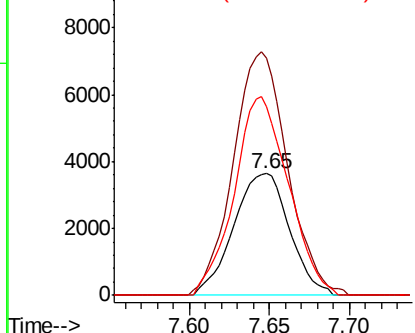
#31
Cyclohexane
Concen: 0.970 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 8710
Ion Ratio Lower Upper
56 100
69 194.9 25.8 38.8#
84 155.1 65.0 97.4#

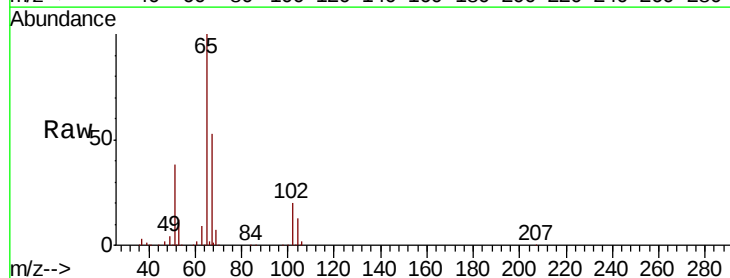


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

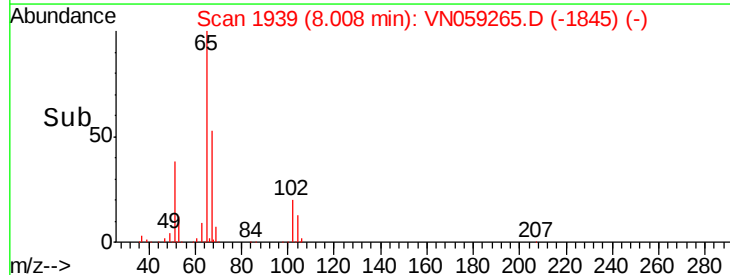
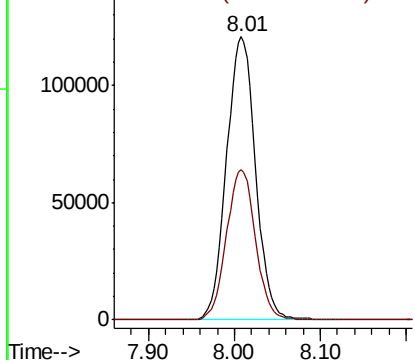


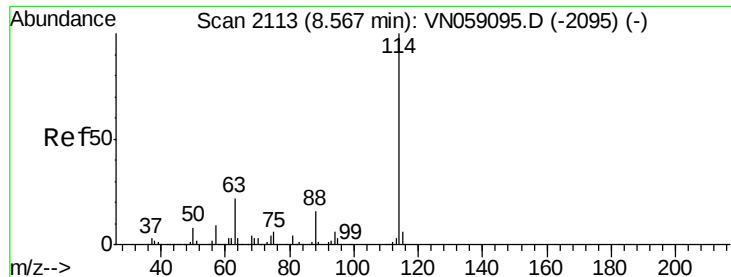
#33
1,2-Dichloroethane-d4
Concen: 49.129 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion: 65 Resp: 283421
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4



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

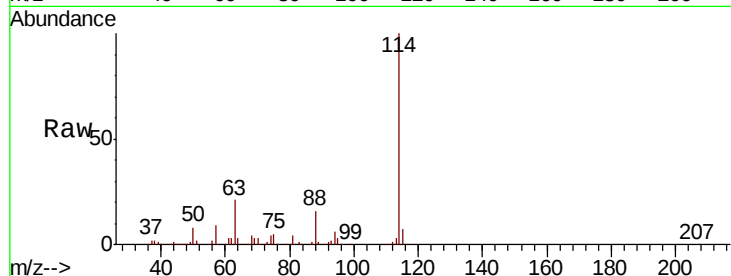




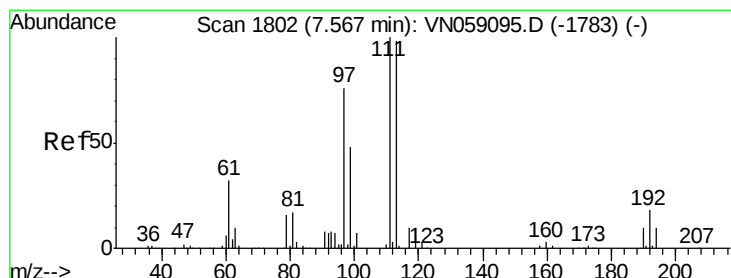
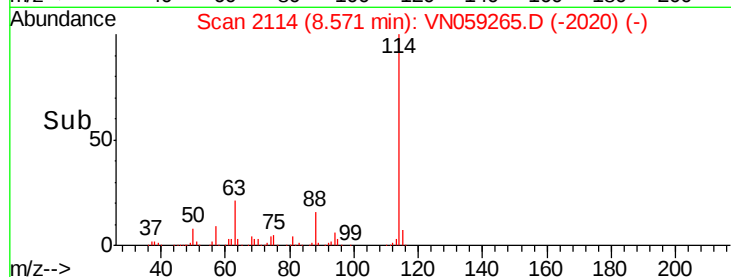
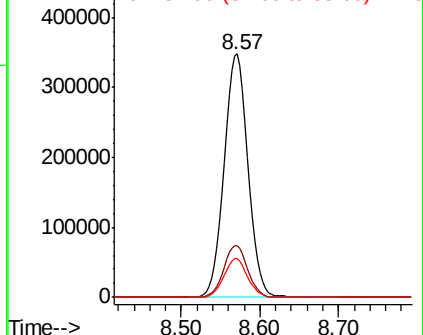
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	15.7	0.0	32.2

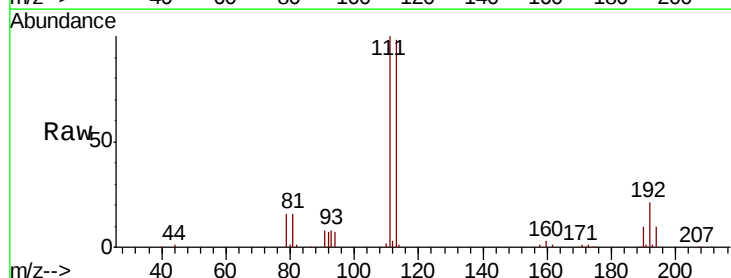


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

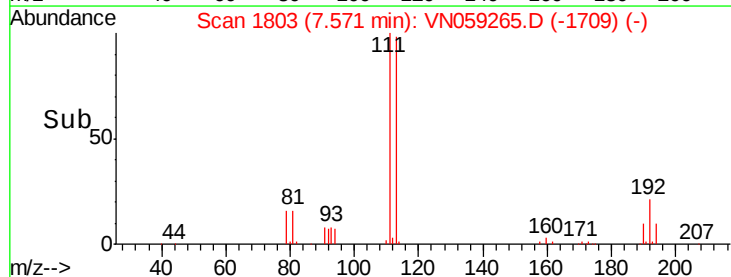
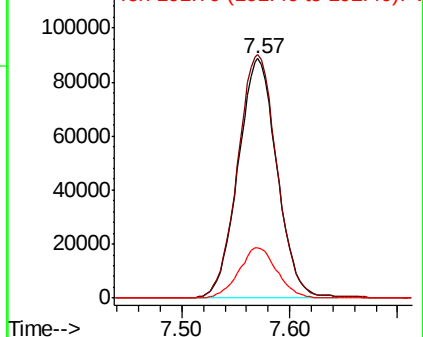


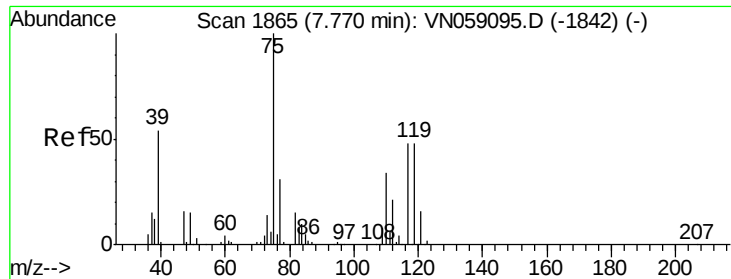
#35
 Dibromofluoromethane
 Concen: 51.406 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	20.6	16.1	24.1



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

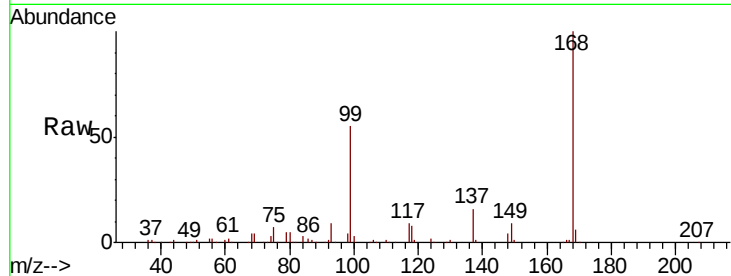




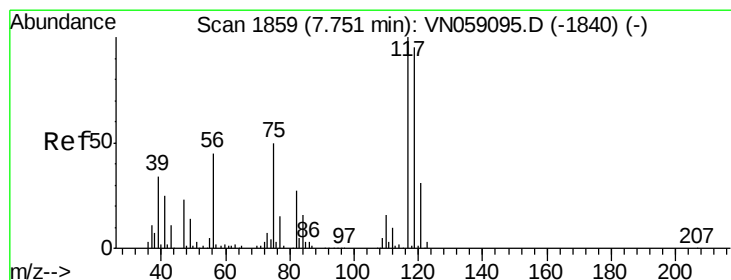
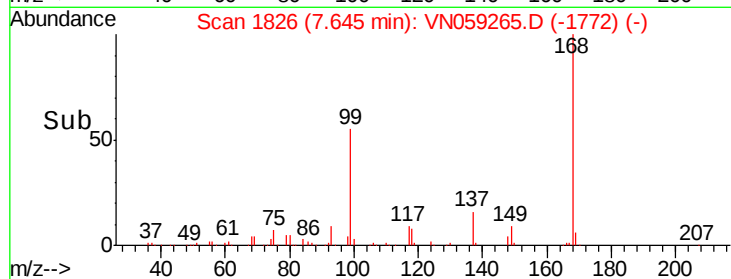
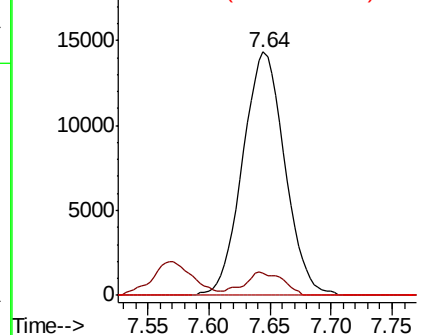
#36
 1,1-Dichloropropene
 Concen: 5.059 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	75	Resp	34246
Ion Ratio	100	Lower	Upper
110	8.9	17.1	51.2#
77	0.0	24.8	37.2#

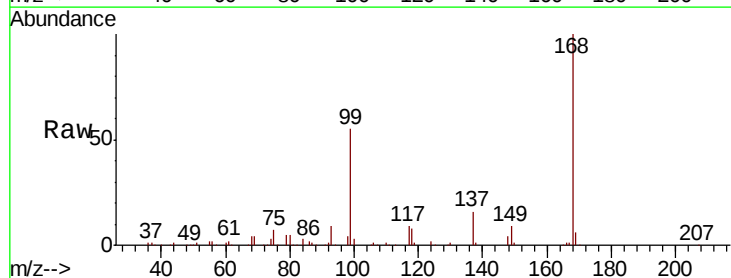


Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-1842) (-)
 Ion 109.90 (109.60 to 110.60): VN059095.D (-1842) (-)
 Ion 76.90 (76.60 to 77.60): VN059095.D (-1842) (-)

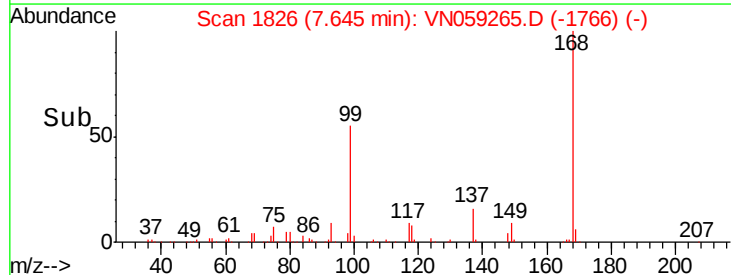
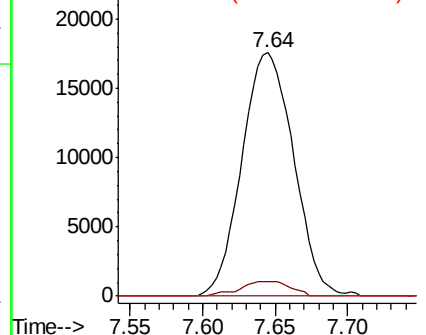


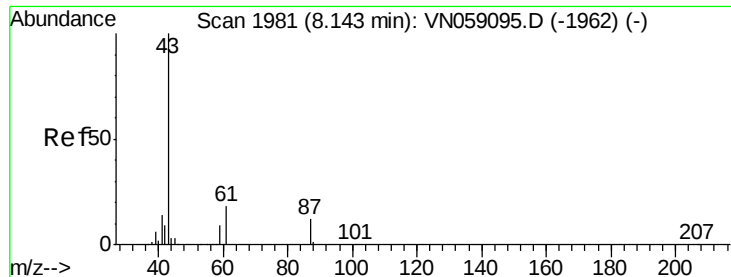
#38
 Carbon Tetrachloride
 Concen: 6.466 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Tgt Ion	117	Resp	43565
Ion Ratio	100	Lower	Upper
119	6.1	75.6	113.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VN059095.D (-1840) (-)
 Ion 118.80 (118.50 to 119.50): VN059095.D (-1840) (-)
 Ion 120.80 (120.50 to 121.50): VN059095.D (-1840) (-)





#43

Isopropyl Acetate

Concen: 7.769 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

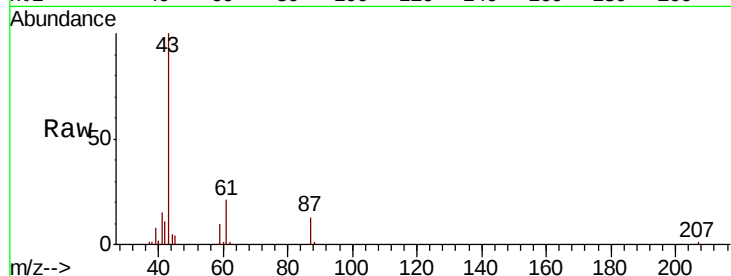
Tot Ion: 43 Resp: 93273

Ion Ratio Lower Upper

43 100

61 20.3 21.0 31.6#

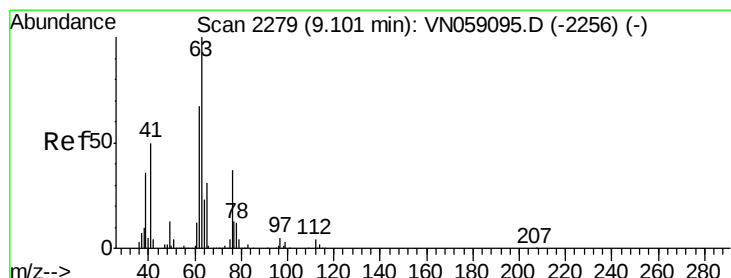
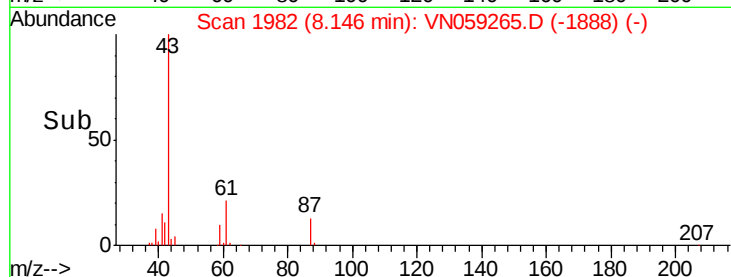
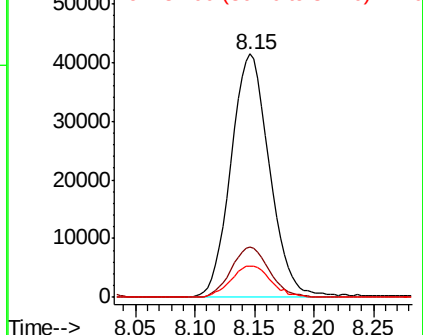
87 13.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.370 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059265.D

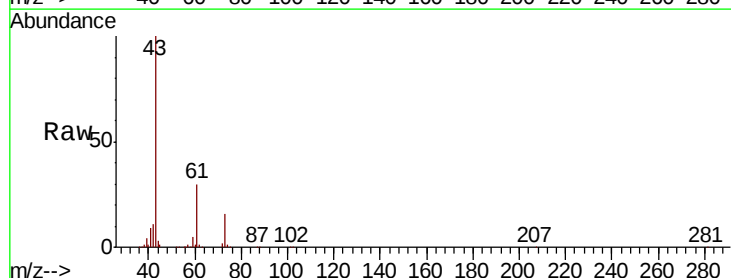
Acq: 15 Nov 2019 14:58

Tgt Ion: 63 Resp: 2050

Ion Ratio Lower Upper

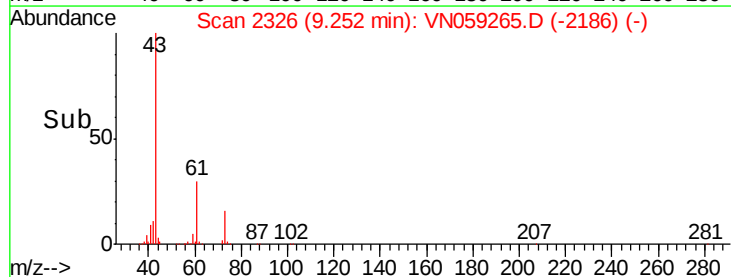
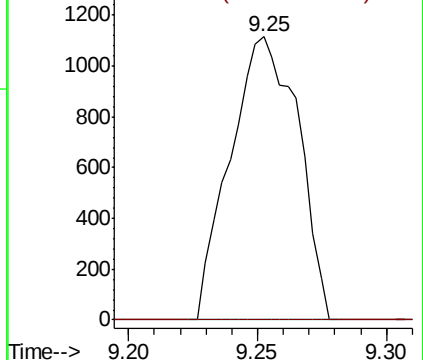
63 100

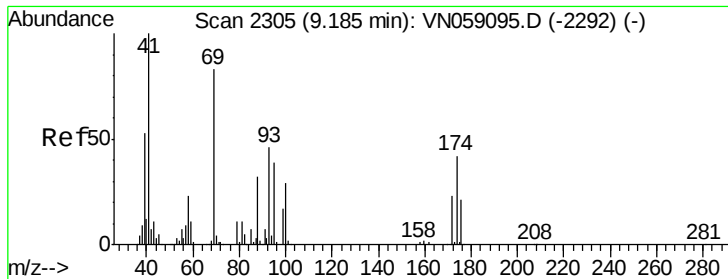
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059095.D (-2256) (-)

Ion 64.90 (64.60 to 65.60): VN059095.D (-2256) (-)

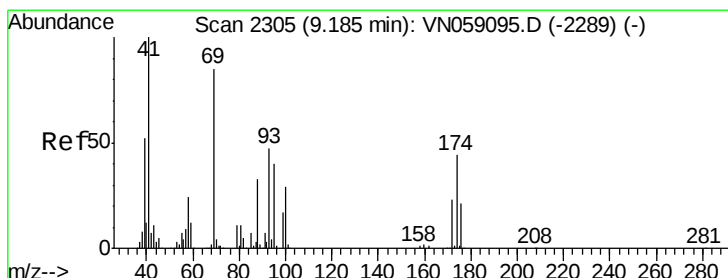
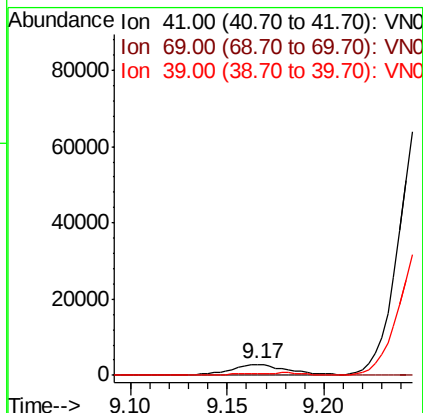
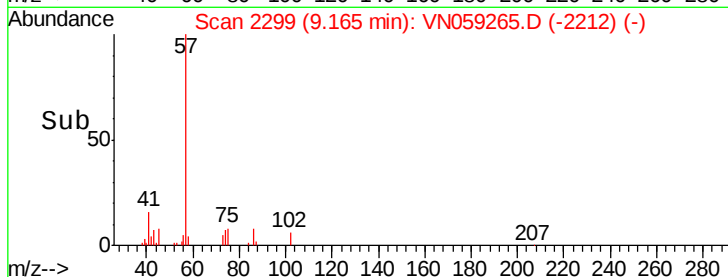
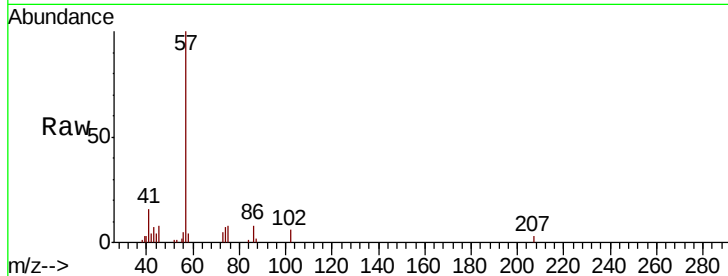




#48
Methvl methacrylate
Concen: 1.079 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

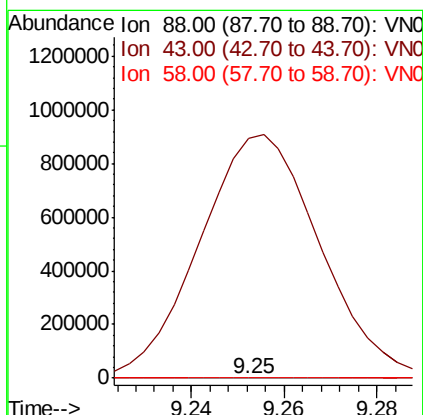
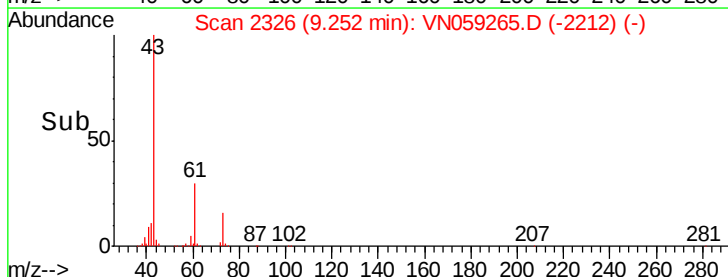
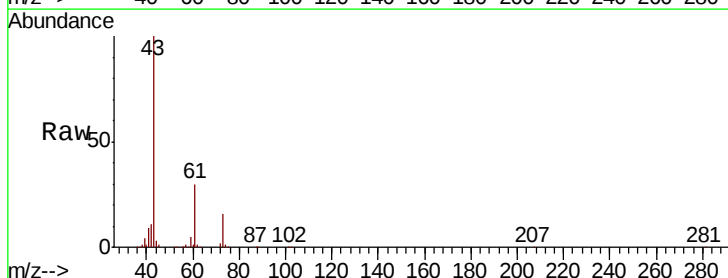
Instrument :
MSVOA_N
ClientSampleId :

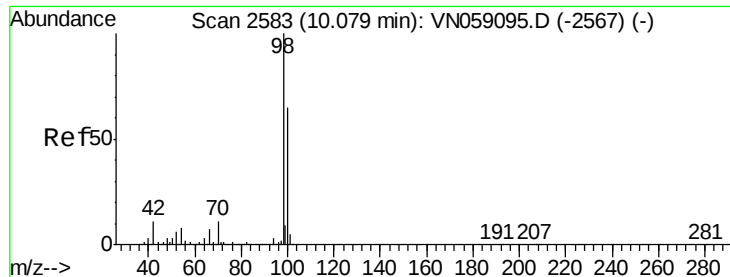
Tot Ion: 41 Resp: 5795
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 2.819 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.07 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion: 88 Resp: 269
Ion Ratio Lower Upper
88 100
43 619639.8 26.3 39.5#
58 2811.2 60.6 90.8#





#50

Toluene-d8

Concen: 52.360 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

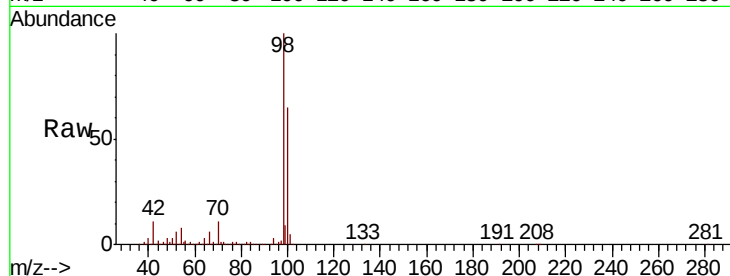
ClientSampled :

Tot Ion: 98 Resp: 891882

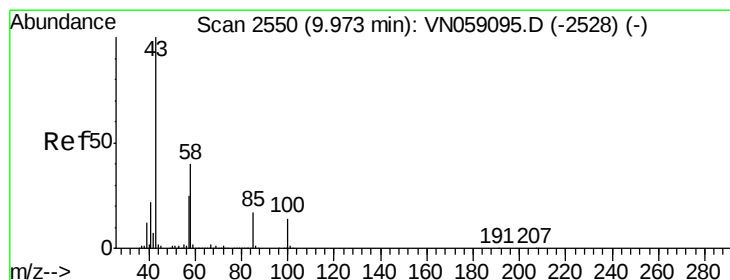
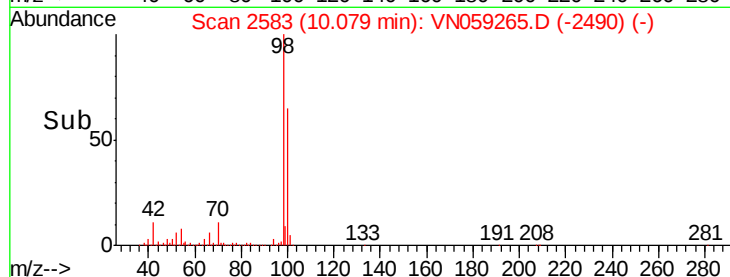
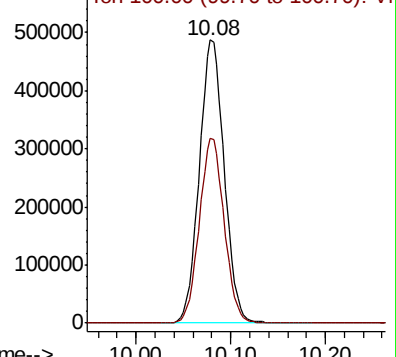
Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.949 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059265.D

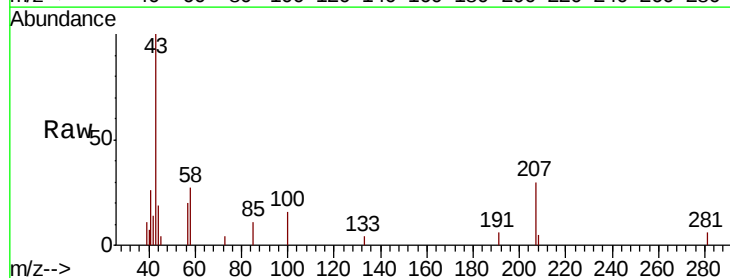
Acq: 15 Nov 2019 14:58

Tgt Ion: 43 Resp: 6447

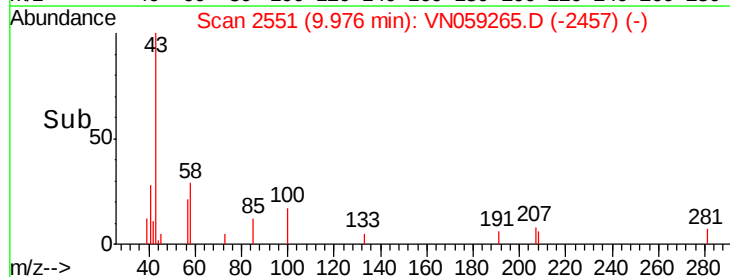
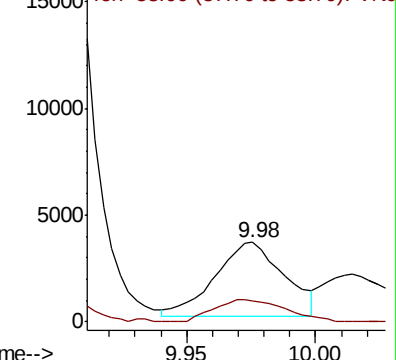
Ion Ratio Lower Upper

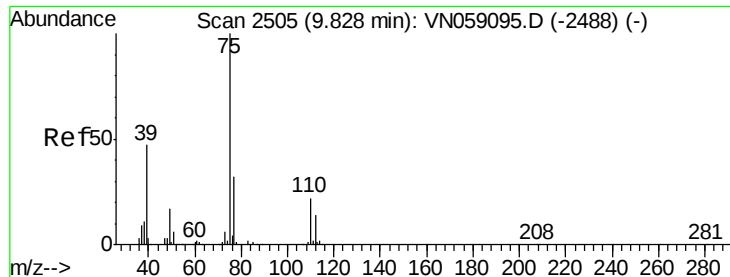
43 100

58 31.2 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)



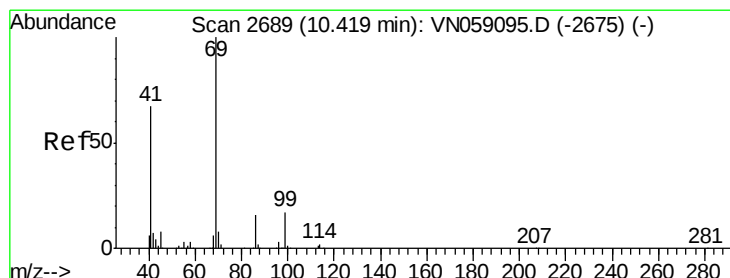
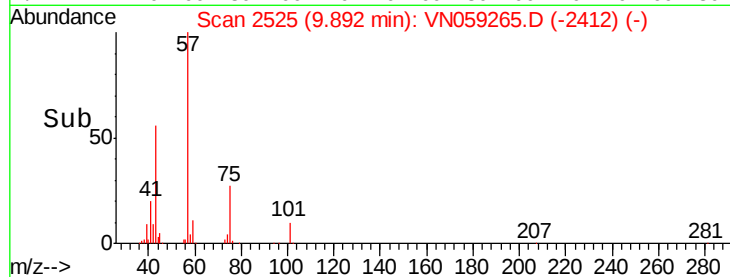
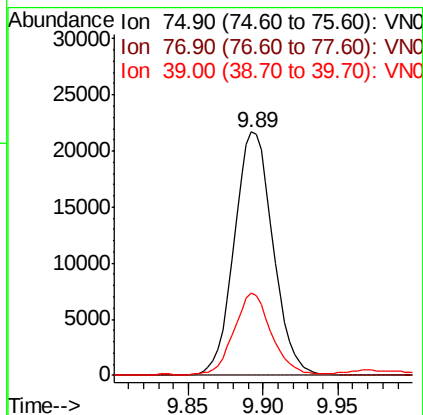
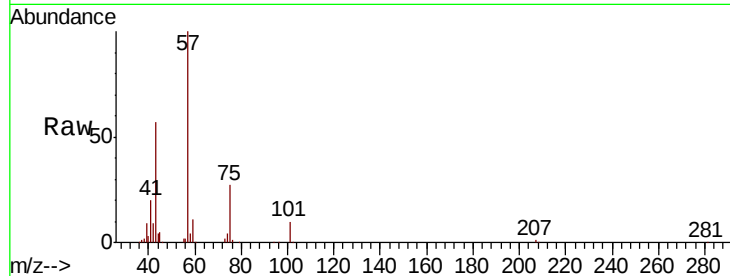


#54

cis-1,3-Dichloropropene
Concen: 4.562 ug/l
RT: 9.89 min Scan# 2525
Delta R.T. 0.06 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Instrument :
MSVOA_N
ClientSampled :

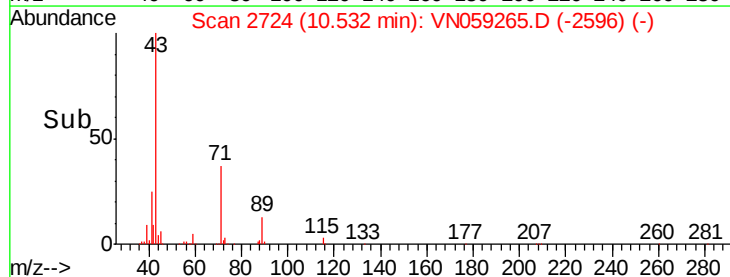
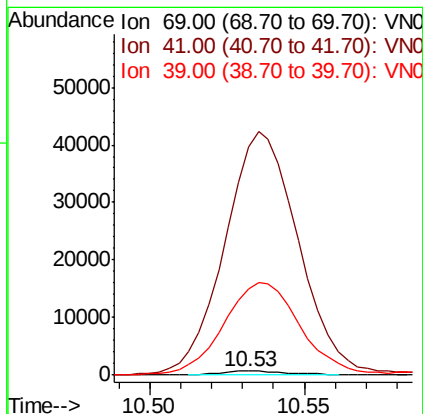
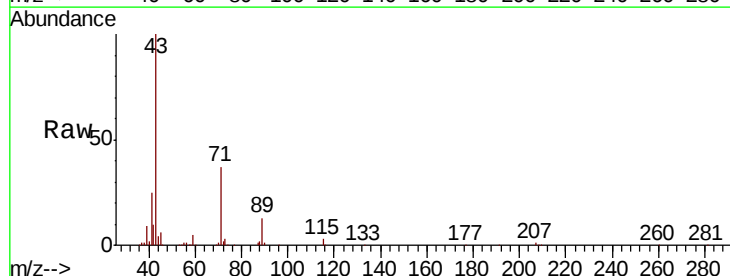
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	33.7	37.3	55.9#

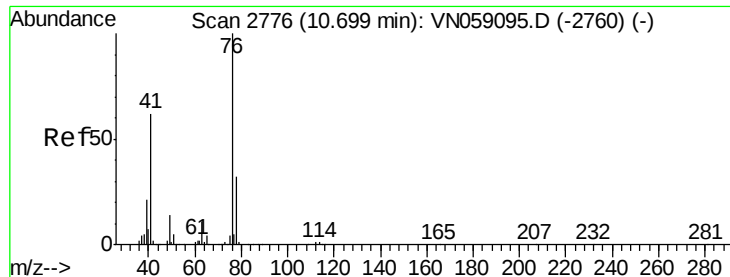


#56

Ethyl methacrylate
Concen: 1.994 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. 0.11 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	6833.8	53.6	80.4#
39	2697.5	26.2	39.4#

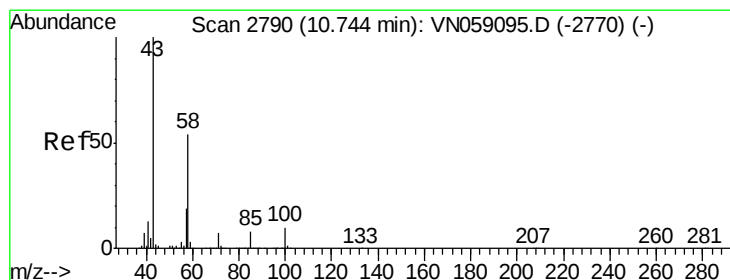
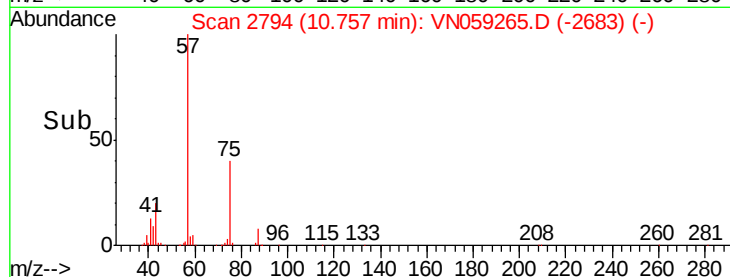
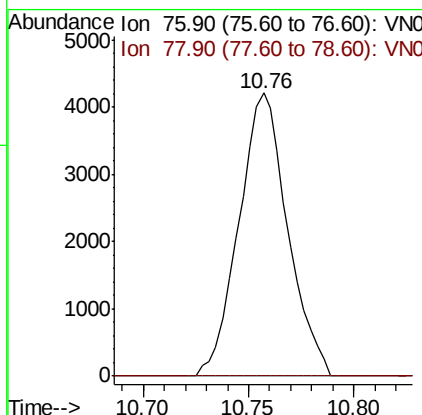
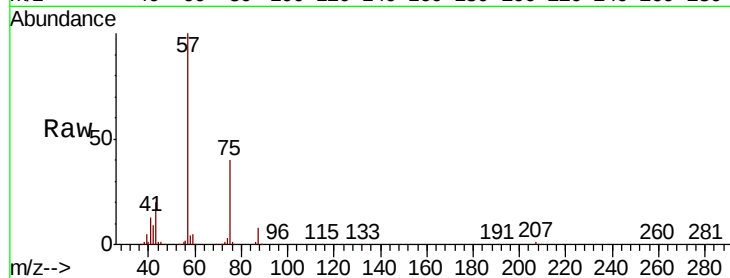




#57
 1,3-Dichloropropane
 Concen: 0.795 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

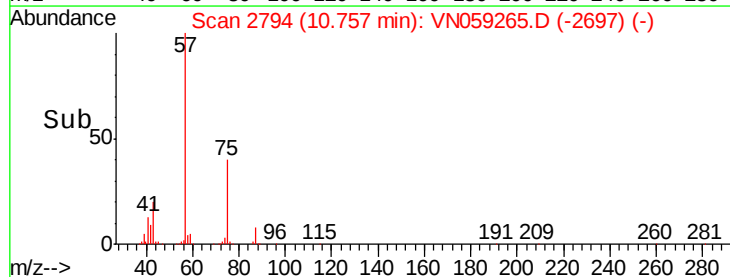
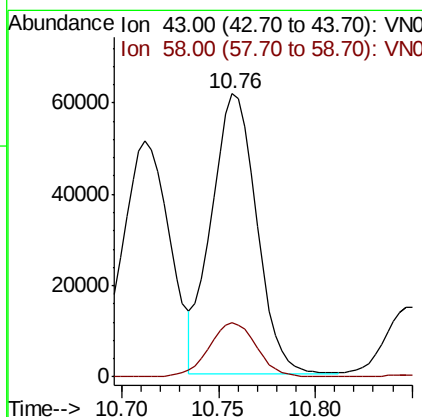
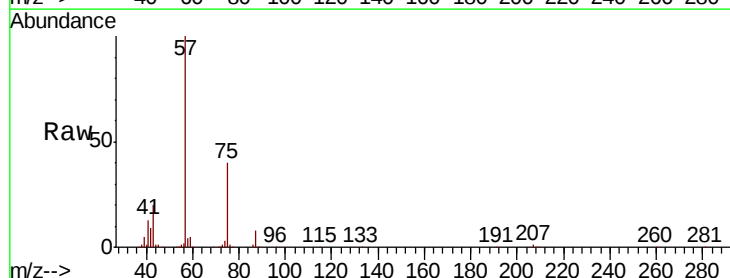
Instrument :
 MSVOA_N
 ClientSampleId :

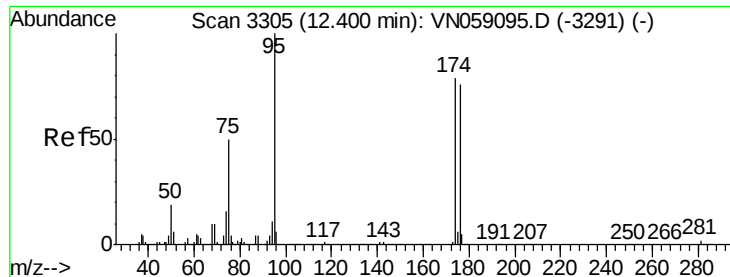
Tot Ion: 76 Resp: 6770
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 19.161 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Tgt Ion: 43 Resp: 99911
 Ion Ratio Lower Upper
 43 100
 58 20.4 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 46.455 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

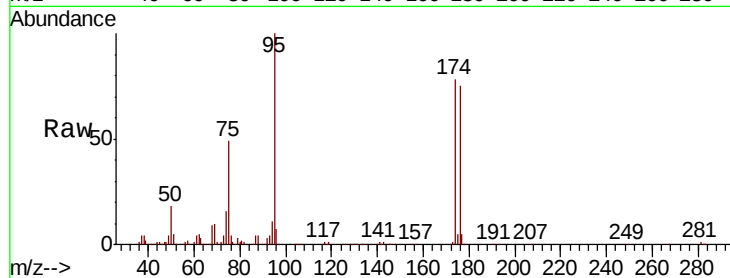
Tot Ion: 95 Resp: 285308

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

176 76.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)

12.40

200000

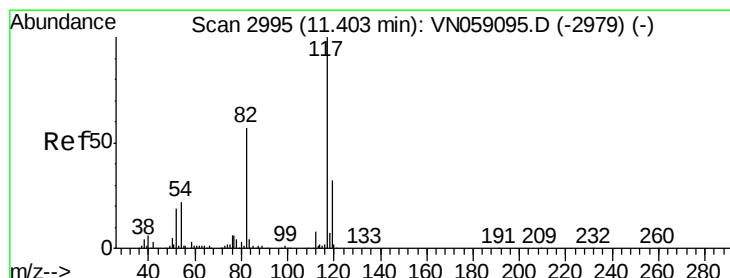
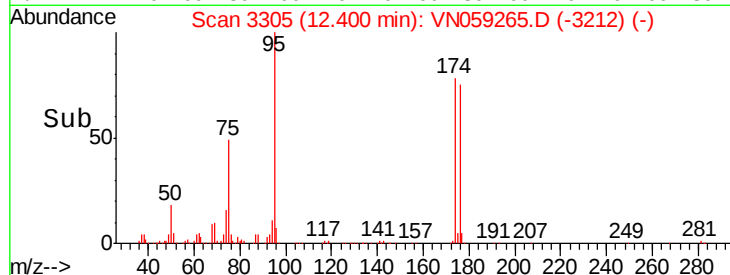
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

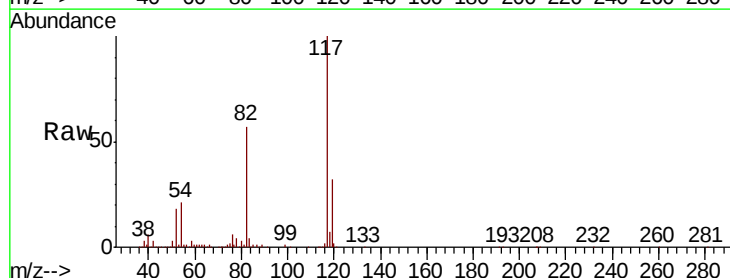
Tgt Ion: 117 Resp: 648300

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059095.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059095.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059095.D (-2979) (-)

11.40

500000

400000

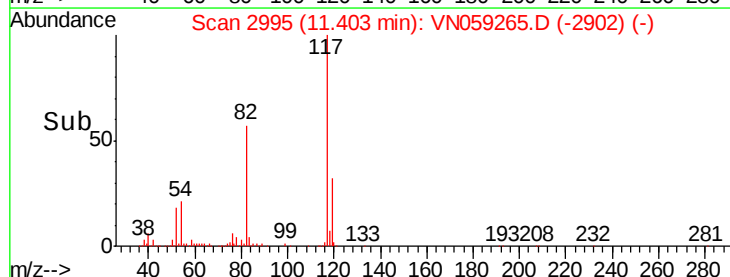
300000

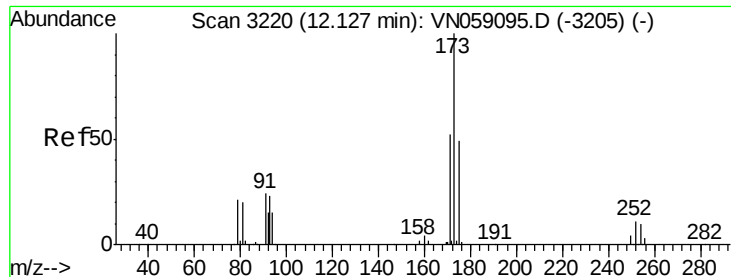
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.533 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

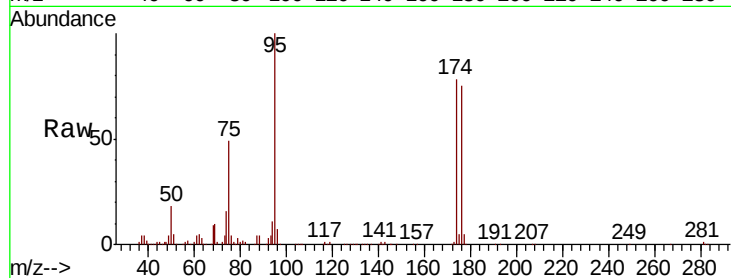
Tot Ion:173 Resp: 1965

Ion Ratio Lower Upper

173 100

175 716.2 24.2 72.6#

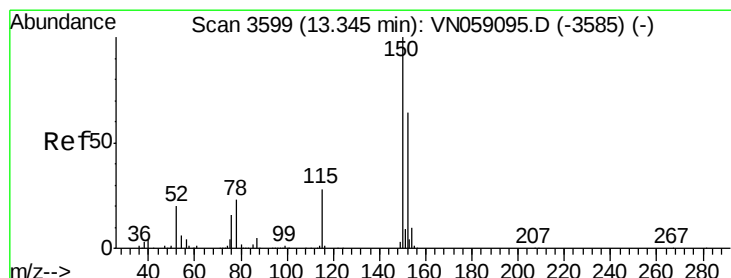
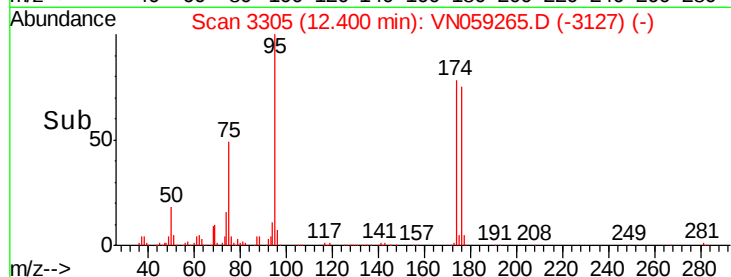
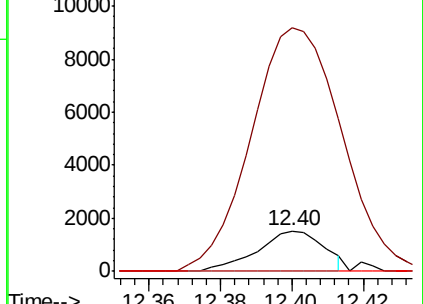
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

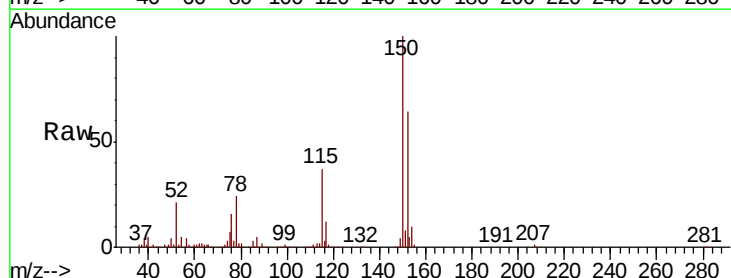
Tgt Ion:152 Resp: 235248

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

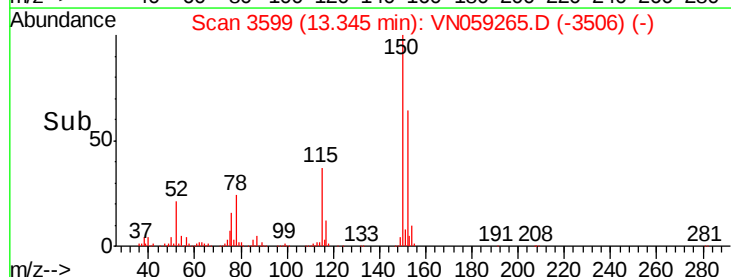
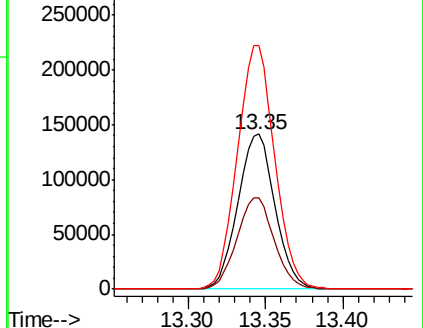
150 158.5 0.0 345.8

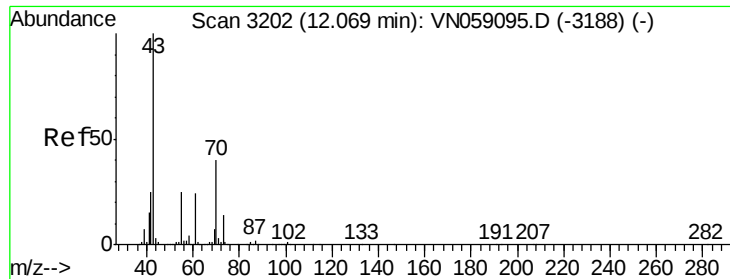


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

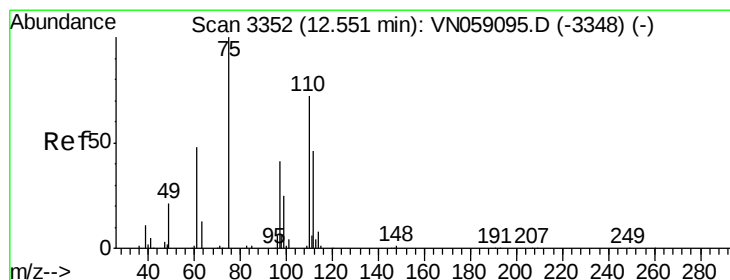
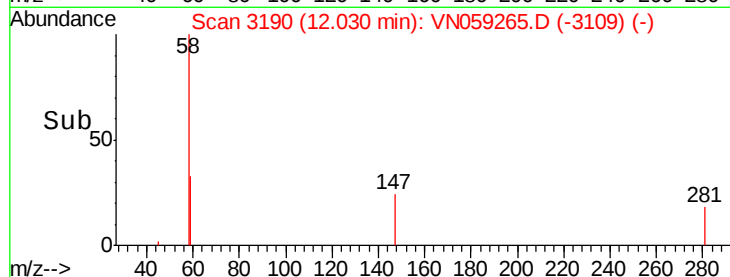
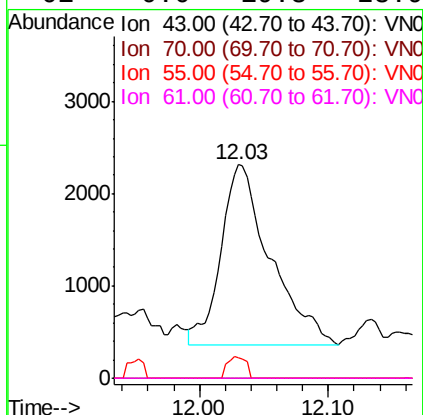
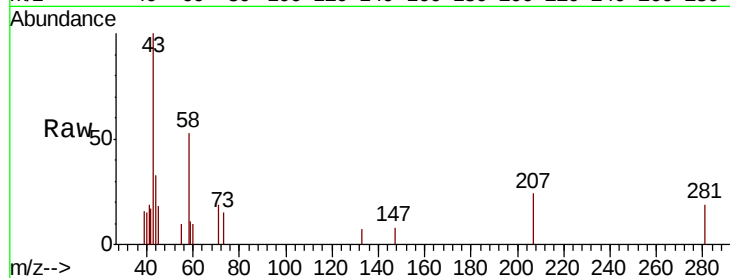




#74
N-amyl acetate
Concen: 0.717 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

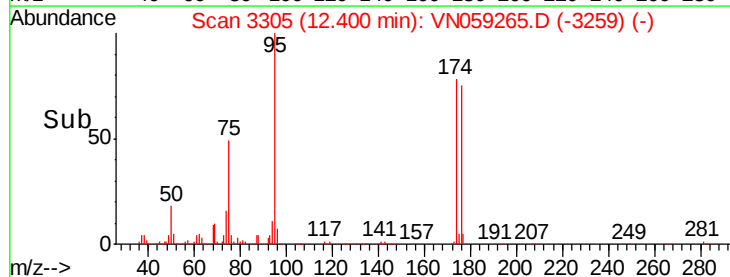
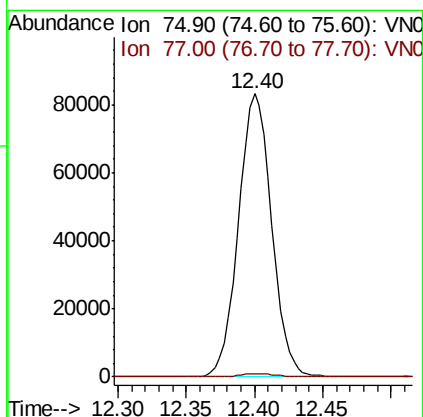
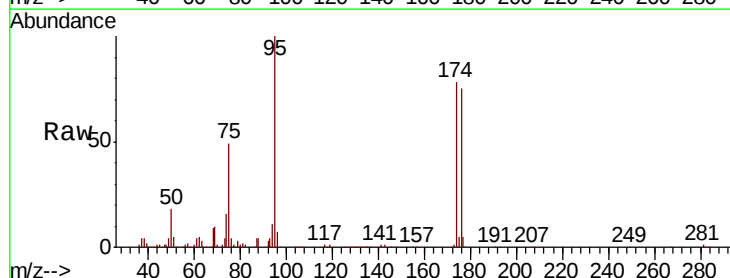
Instrument :
MSVOA_N
ClientSampleId :

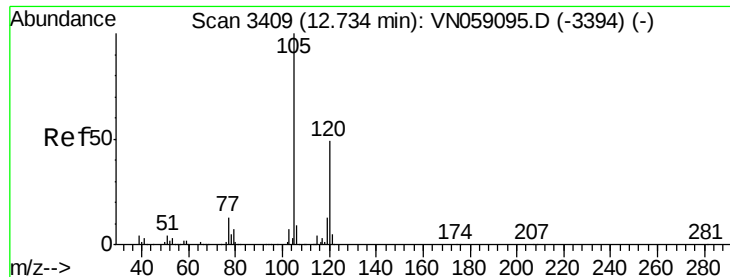
Tot Ion:	43	Resp:	5201
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.4#
55	4.5	20.4	30.6#
61	0.0	19.3	28.9#



#76
1,2,3-Trichloropropane
Concen: 26.213 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion:	75	Resp:	140391
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.297 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

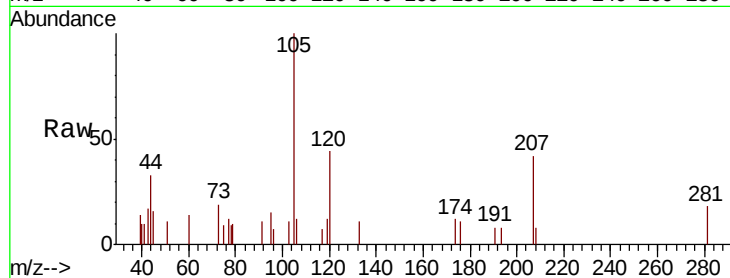
ClientSampleId :

Tot Ion:105 Resp: 4307

Ion Ratio Lower Upper

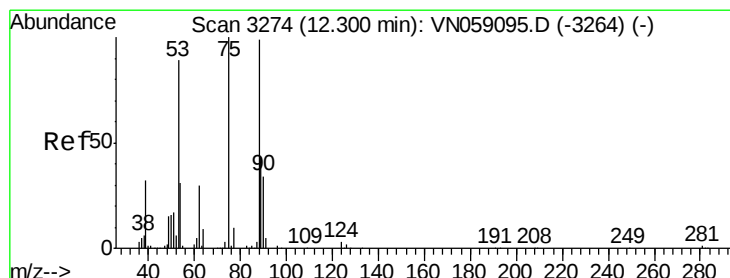
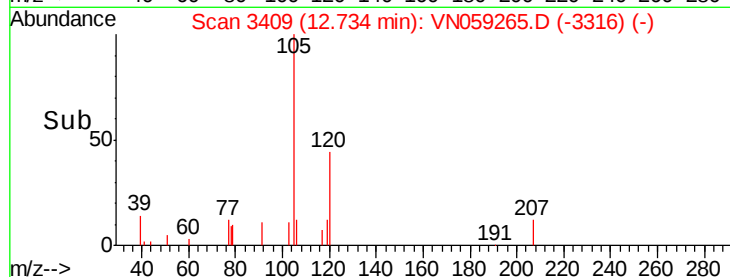
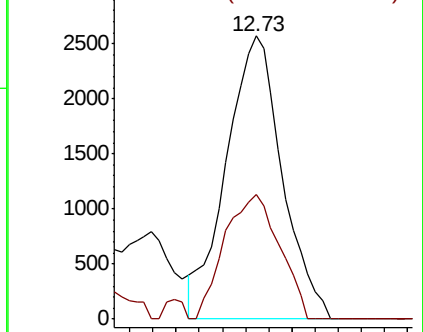
105 100

120 43.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.235 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

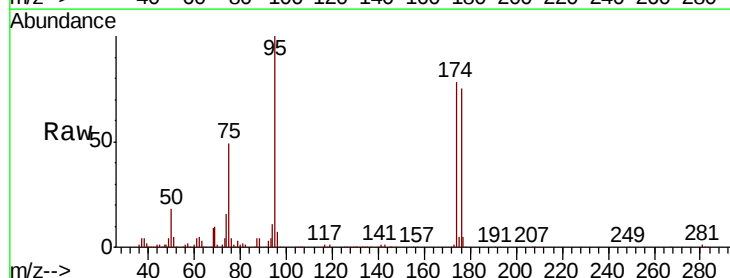
Tgt Ion: 75 Resp: 140391

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

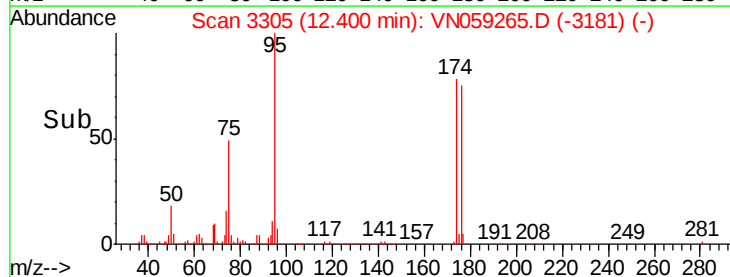
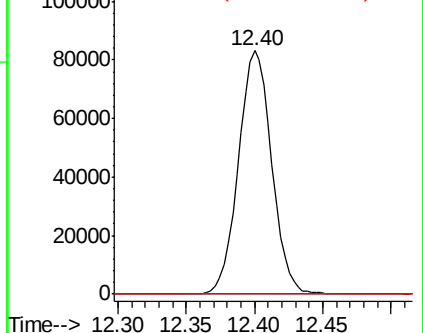
89 0.0 35.8 53.8#

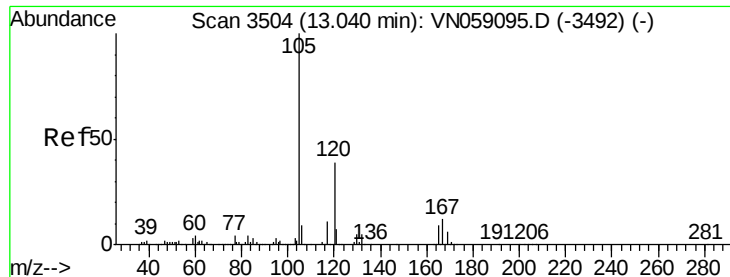


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

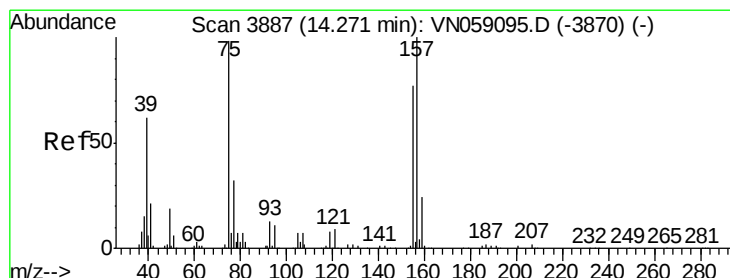
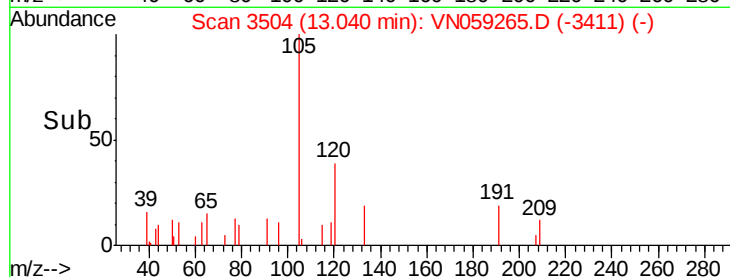
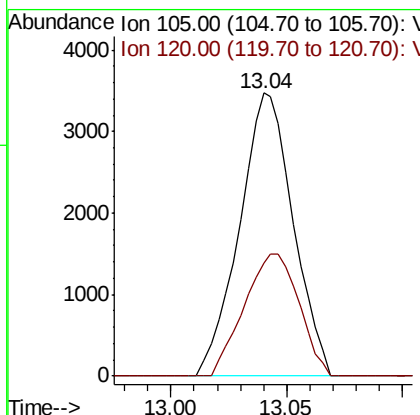
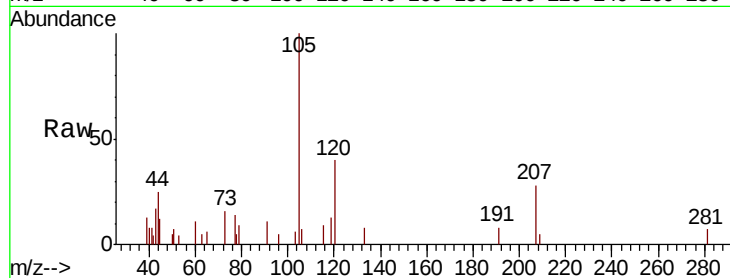




#84
 1,2,4-Trimethylbenzene
 Concen: 0.397 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

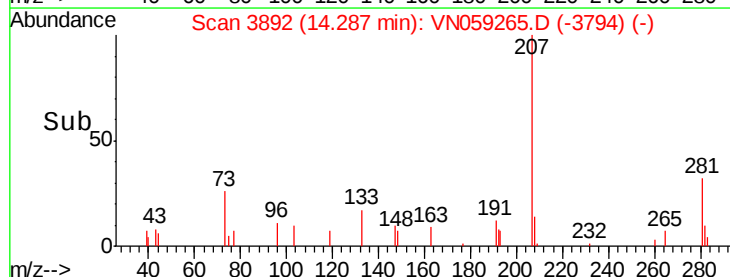
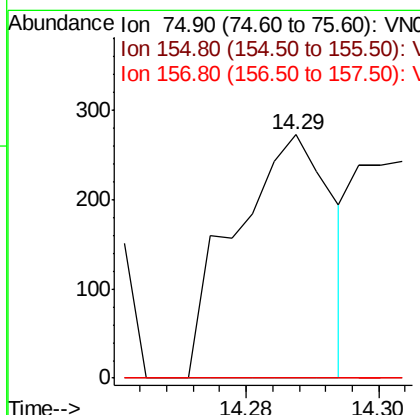
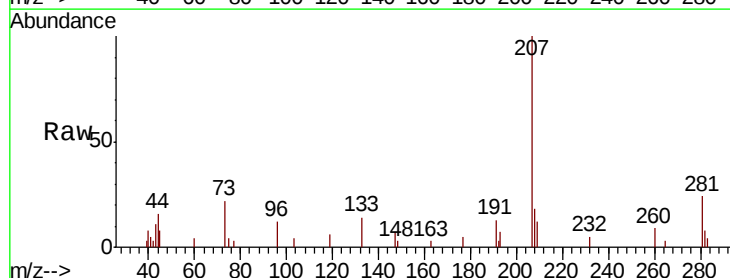
Instrument :
 MSVOA_N
 ClientSampleId :

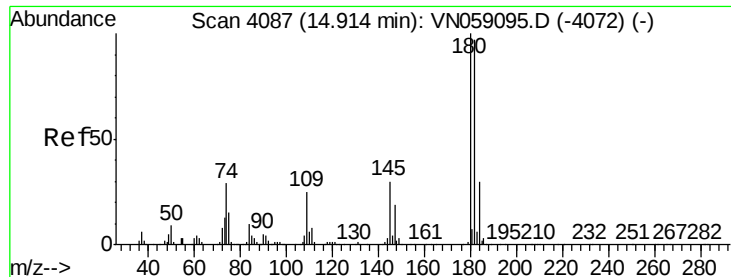
Tot Ion:105 Resp: 5566
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.8 68.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.265 ug/l
 RT: 14.29 min Scan# 3892
 Delta R.T. 0.02 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Tgt Ion: 75 Resp: 278
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.2 120.6#
 157 0.0 51.8 155.5#





#93

1,2,4-Trichlorobenzene

Concen: 3.118 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

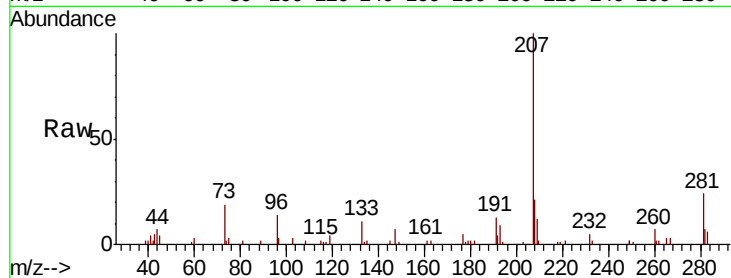
Tot Ion:180 Resp: 336

Ion Ratio Lower Upper

180 100

182 132.4 48.1 144.3

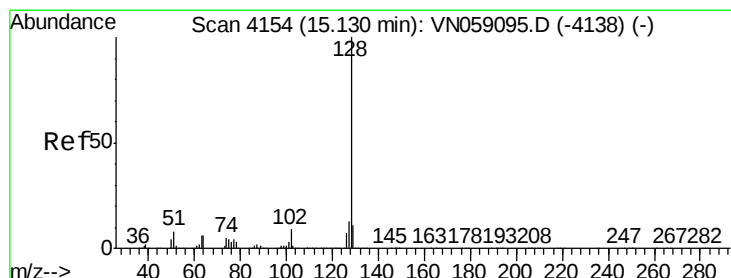
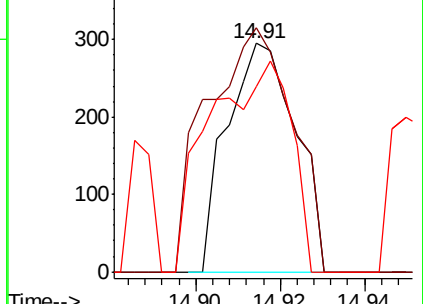
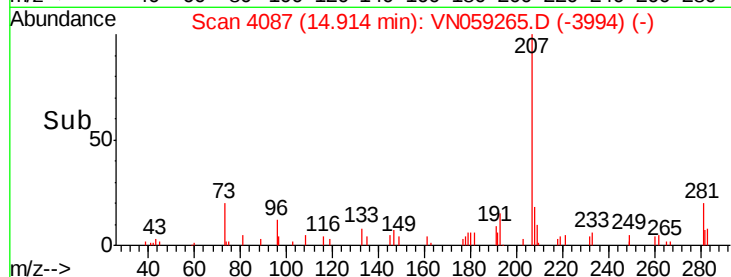
145 109.2 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 3.822 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

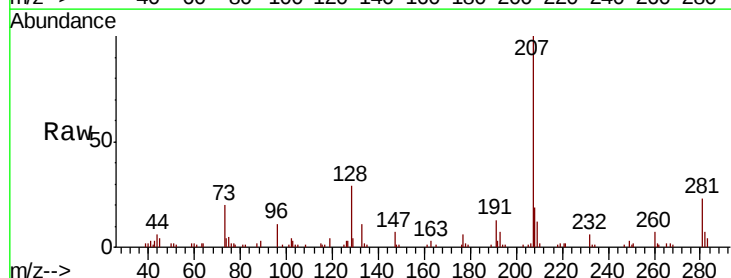
Tgt Ion:128 Resp: 10090

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 10.7 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

