

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060895.D
 Acq On : 8 Apr 2020 13:01
 Operator : JC/MD
 Sample : PB128091TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:26:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	314619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127266	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	121185	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
35) Dibromofluoromethane	7.56	113	92530	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.08	98	386797	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	140896	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	270	0.696	ug/l #	72
16) Acetone	3.78	43	7304	7.821	ug/l	96
17) Carbon Disulfide	4.03	76	1429	0.226	ug/l #	75
18) Methyl Acetate	4.30	43	2036	0.774	ug/l #	54
20) Methylene Chloride	4.52	84	4563	1.986	ug/l	96
25) 2-Butanone	6.80	43	2142	1.417	ug/l #	50
31) Cyclohexane	7.64	56	4060	0.956	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15027	4.933	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18146	6.646	ug/l #	16
43) Isopropyl Acetate	8.14	43	60845	11.208	ug/l #	91
45) 1,2-Dichloropropane	9.24	63	1030	0.424	ug/l #	43
48) Methyl methacrylate	9.16	41	3176	1.314	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	5875	1.902	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	24390	6.349	ug/l #	59
57) 1,3-Dichloropropane	10.75	76	4015	1.083	ug/l #	42
59) 2-Hexanone	10.75	43	61153	27.480	ug/l #	53
71) Bromoform	12.38	173	30	1.697	ug/l #	1
74) N-amyl acetate	12.06	43	1450	0.329	ug/l #	68
76) 1,2,3-Trichloropropane	12.40	75	71799	26.145	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1421	0.211	ug/l	91
80) 1,3,5-Trimethylbenzene	12.73	105	3244	0.400	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	71799	67.149	ug/l #	13
82) 4-Chlorotoluene	12.77	91	1421	0.207	ug/l	91
87) 1,3-Dichlorobenzene	13.28	146	1151	0.284	ug/l	81
88) 1,4-Dichlorobenzene	13.28	146	1151	0.282	ug/l	82
89) n-Butylbenzene	13.61	91	2599	0.354	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	1066	0.275	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	14.27	75	125	Below Cal	#	3
93) 1,2,4-Trichlorobenzene	14.91	180	1911	0.802	ug/l	94
94) Hexachlorobutadiene	15.01	225	689	0.590	ug/l	94
95) Naphthalene	15.13	128	6903	0.963	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	2088	0.889	ug/l	91

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Response via : Initial Calibration

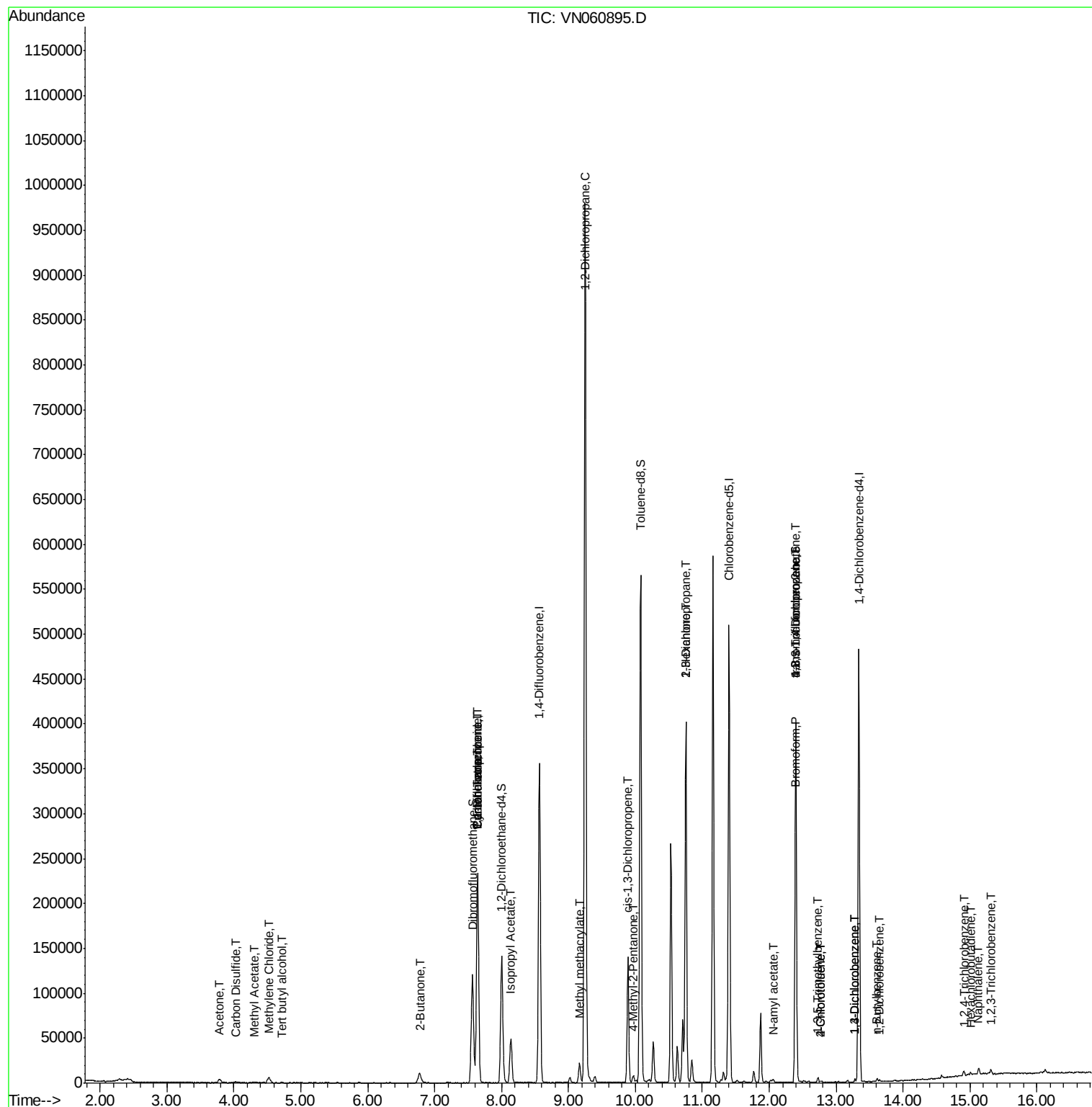
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

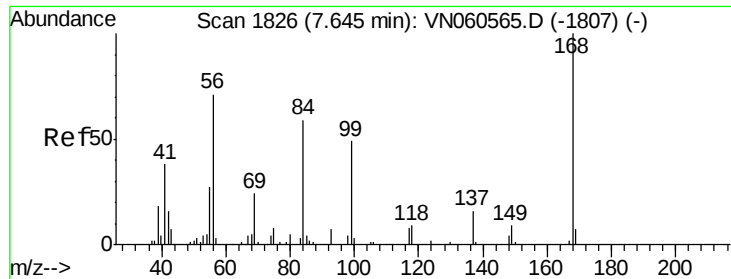
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

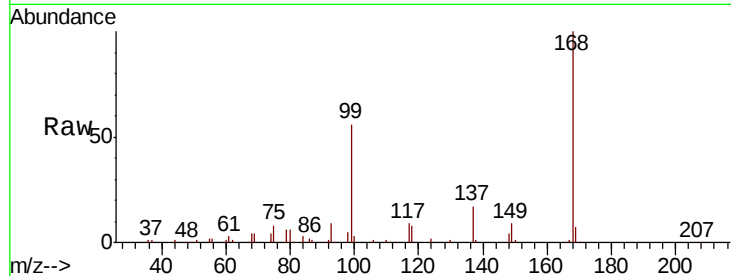
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 192065

Ion Ratio Lower Upper

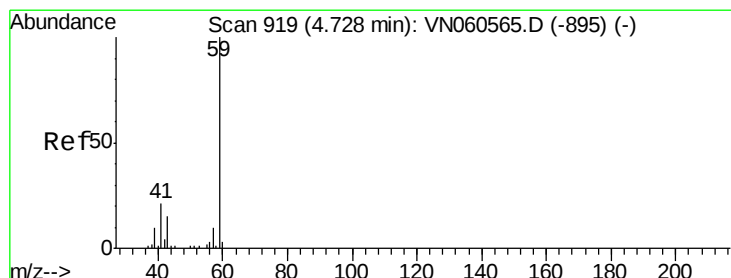
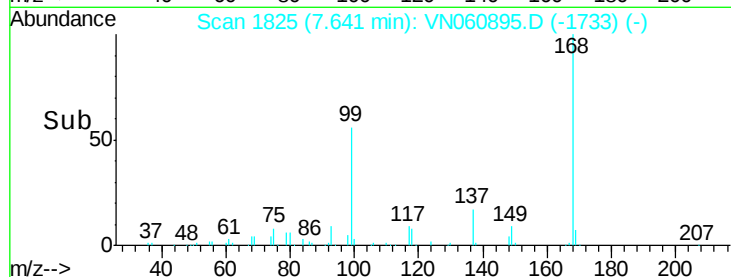
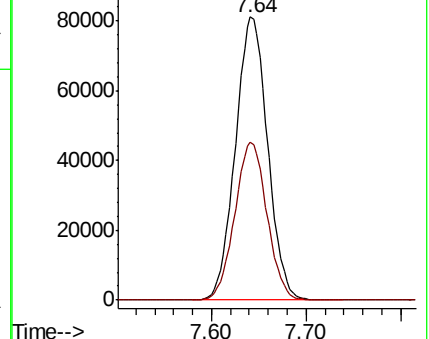
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.696 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.01 min

Lab File: VN060895.D

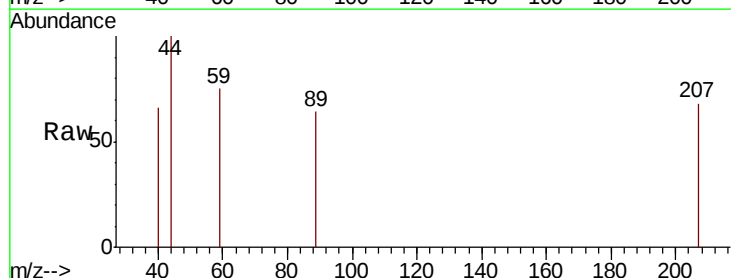
Acq: 8 Apr 2020 13:01

Tgt Ion: 59 Resp: 270

Ion Ratio Lower Upper

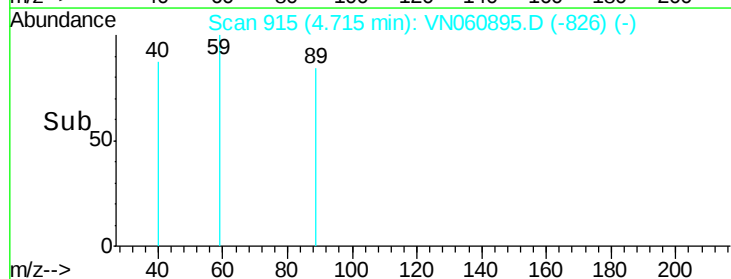
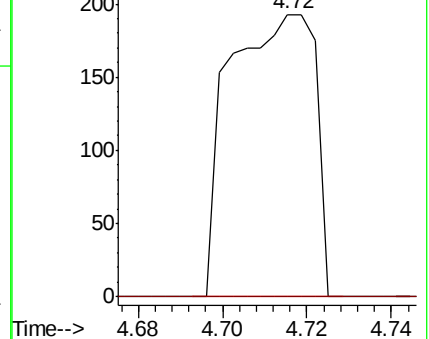
59 100

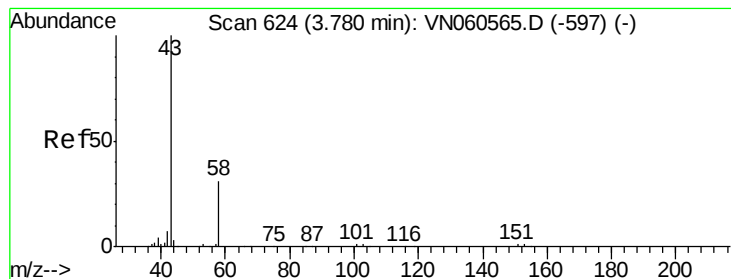
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 7.821 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

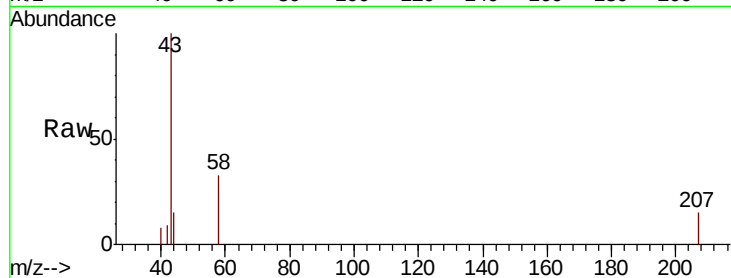
ClientSampled :

Tot Ion: 43 Resp: 7304

Ion Ratio Lower Upper

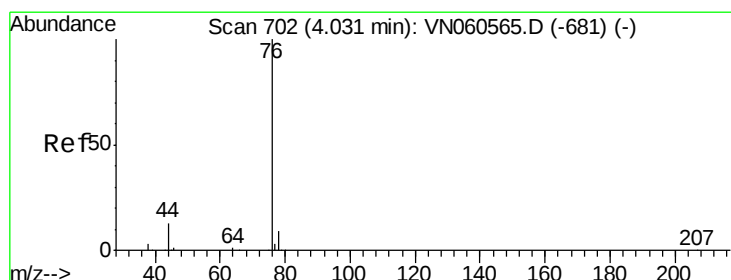
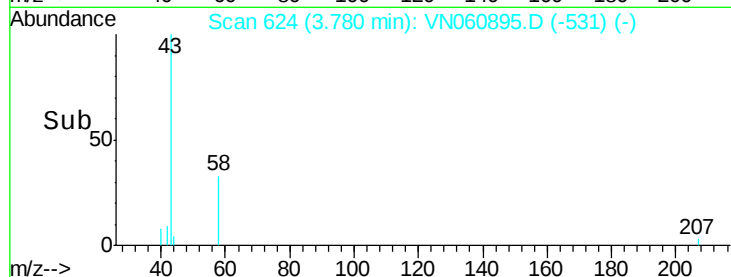
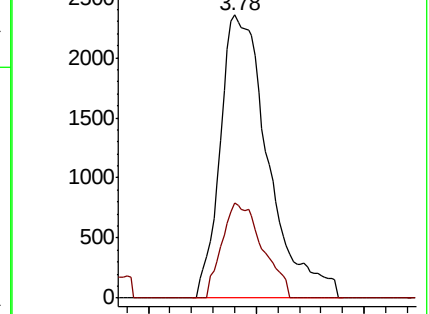
43 100

58 33.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060895.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060895.D (-531) (-)



#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060895.D

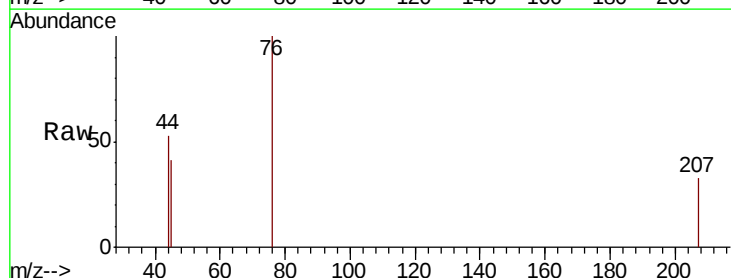
Acq: 8 Apr 2020 13:01

Tgt Ion: 76 Resp: 1429

Ion Ratio Lower Upper

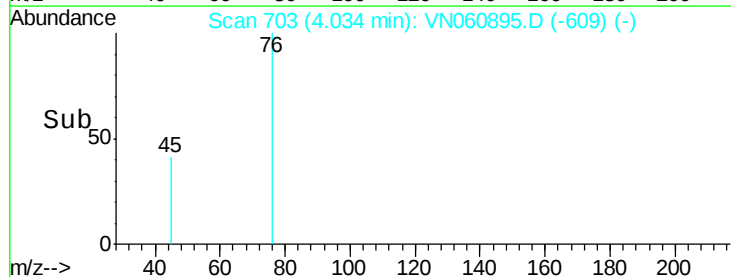
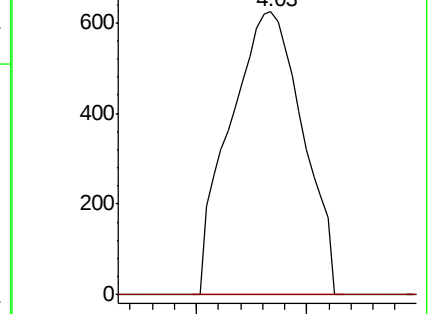
76 100

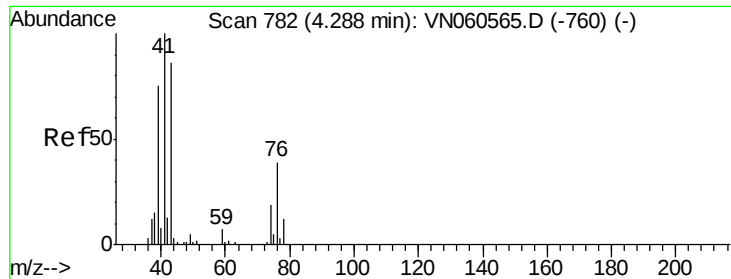
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN060895.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060895.D (-609) (-)

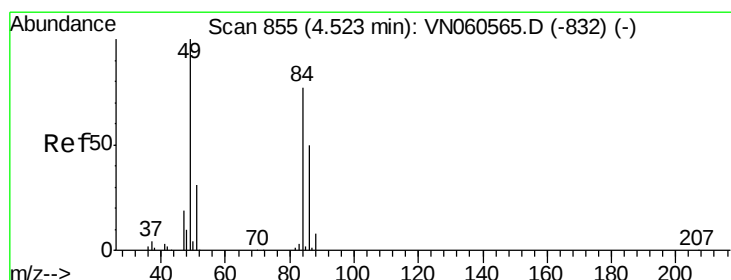
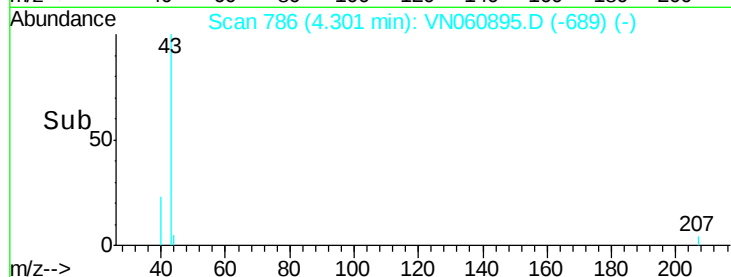
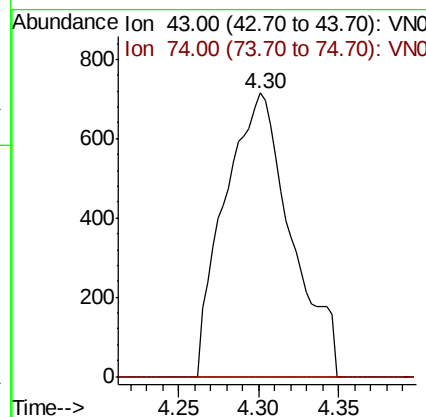
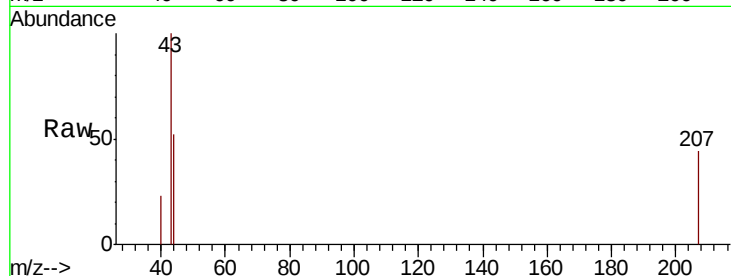




#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

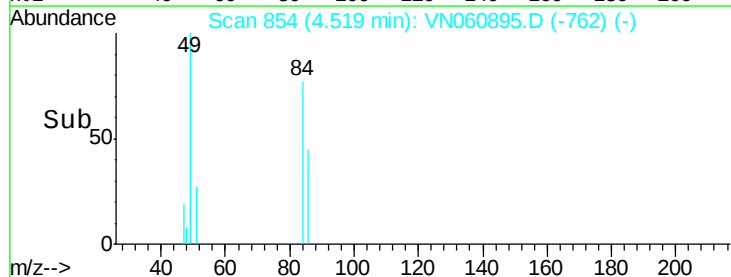
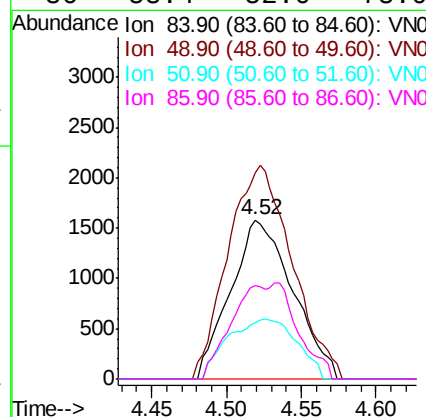
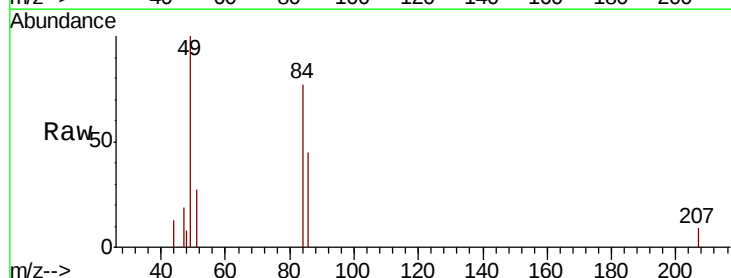
Instrument :
MSVOA_N
ClientSampled :

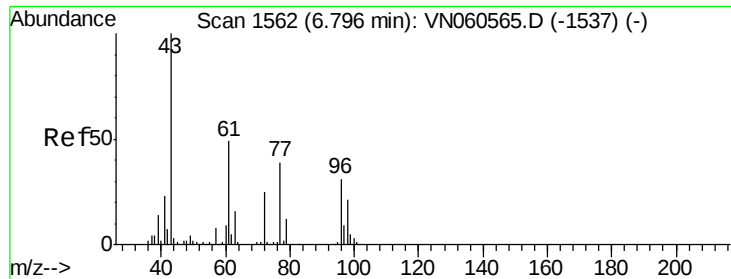
Tot Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 1.986 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion: 84 Resp: 4563
Ion Ratio Lower Upper
84 100
49 129.9 103.3 154.9
51 35.5 31.6 47.4
86 58.4 52.0 78.0





#25

2-Butanone

Concen: 1.417 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

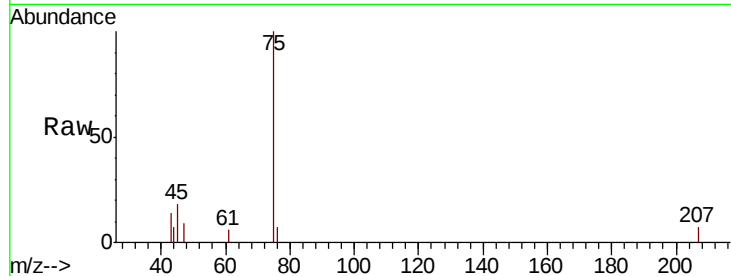
ClientSampled :

Tot Ion: 43 Resp: 2142

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

500

400

300

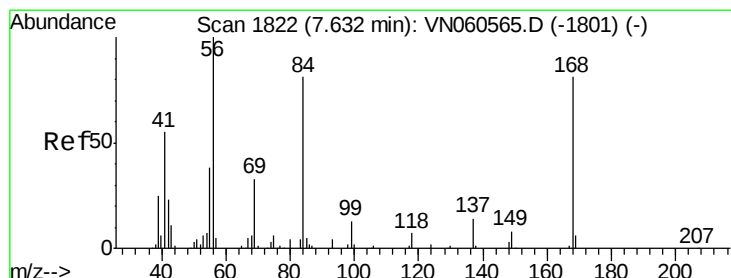
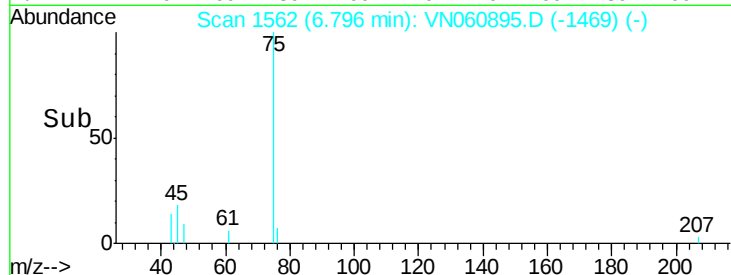
200

100

0

6.70 6.75 6.80 6.85

Time-->



#31

Cyclohexane

Concen: 0.956 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

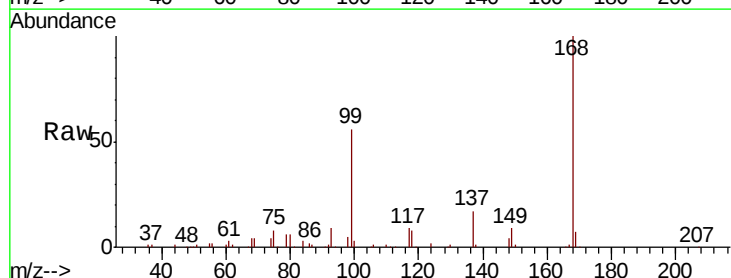
Tgt Ion: 56 Resp: 4060

Ion Ratio Lower Upper

56 100

69 154.1 26.6 40.0#

84 135.9 64.3 96.5#



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

4000

3000

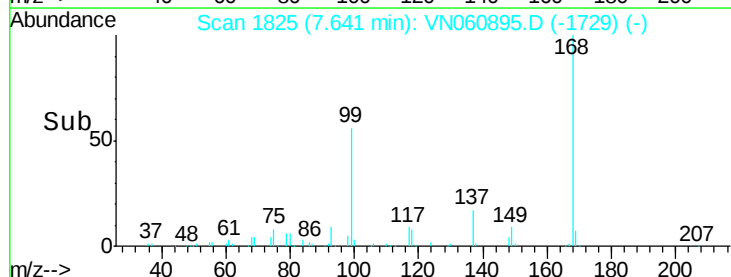
2000

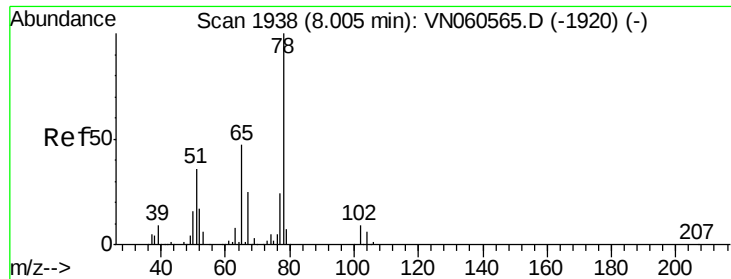
1000

0

7.60 7.65 7.70

Time-->

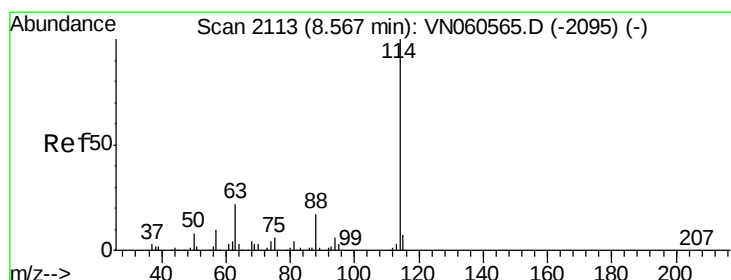
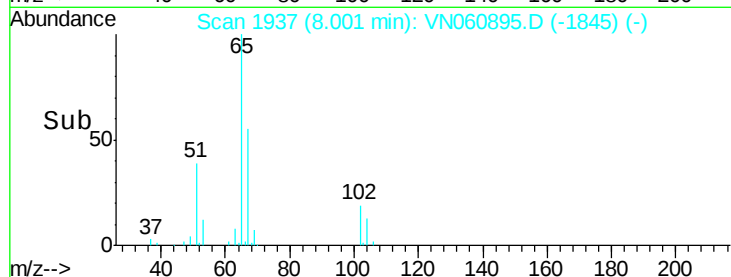
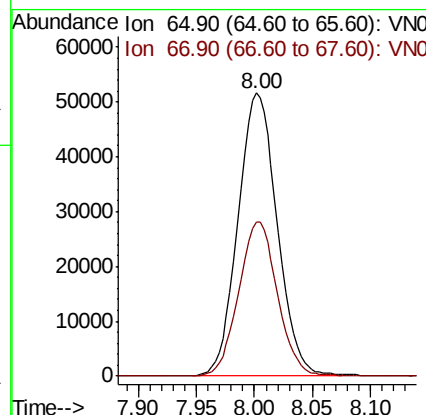
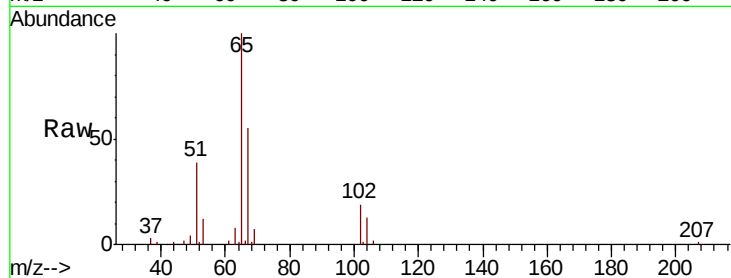




#33
 1,2-Dichloroethane-d4
 Concen: 45.962 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

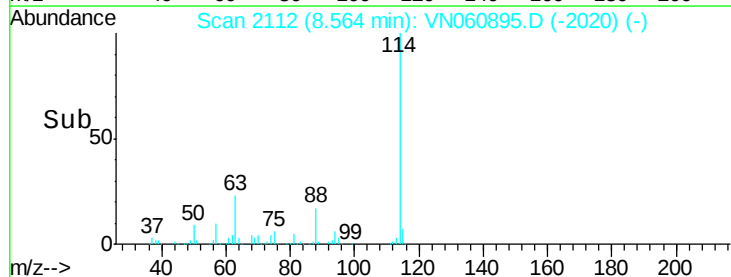
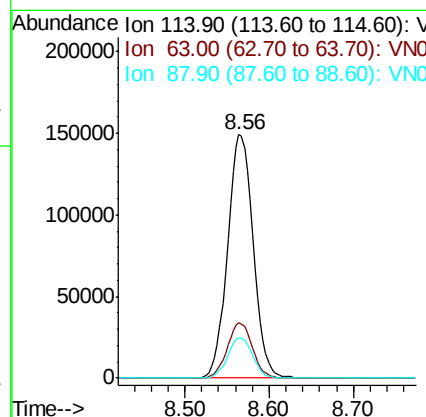
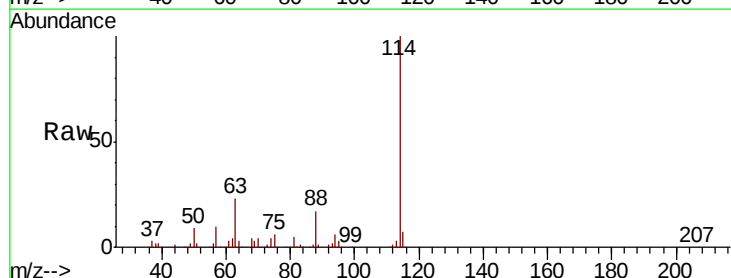
Instrument :
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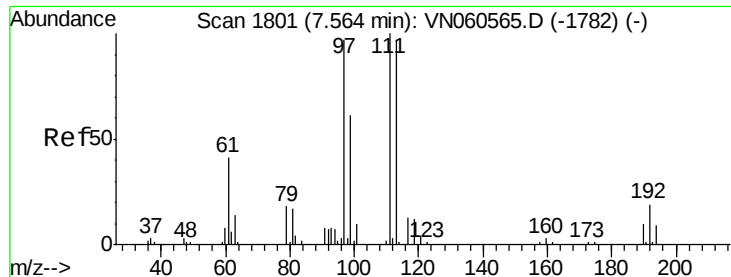
Tot Ion: 65 Resp: 121185
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Tgt Ion: 114 Resp: 314619
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.7 0.0 33.0

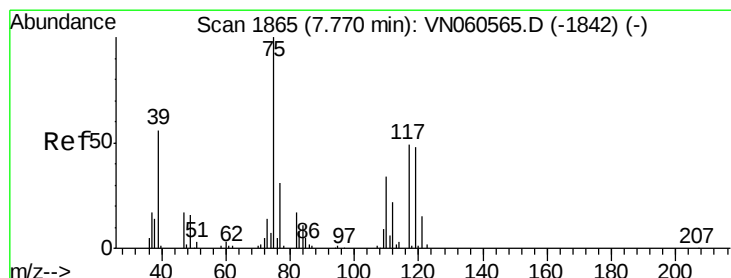
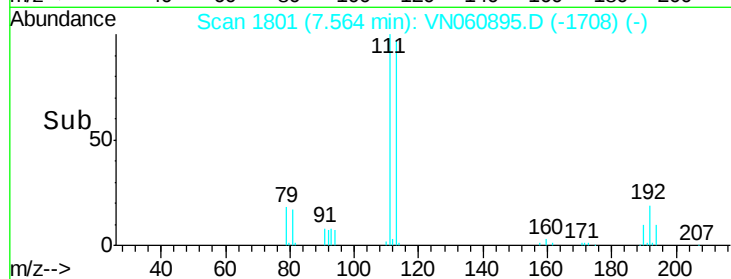
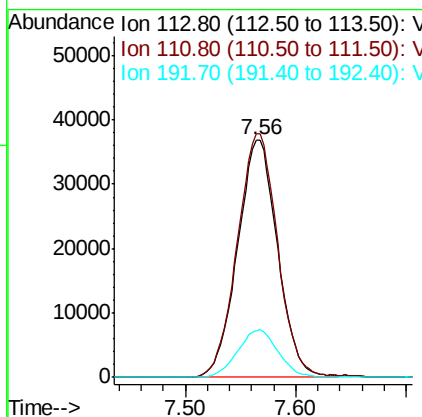
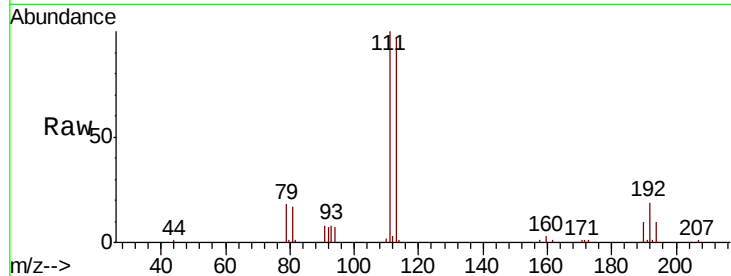




#35
 Dibromofluoromethane
 Concen: 48.638 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

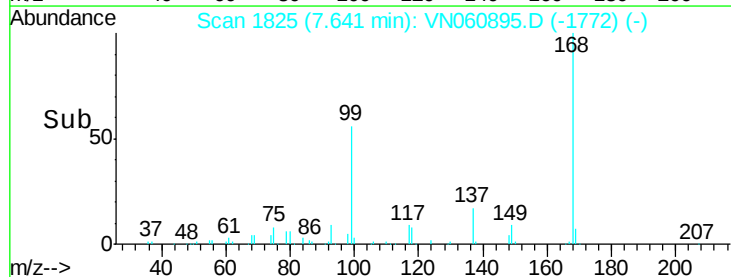
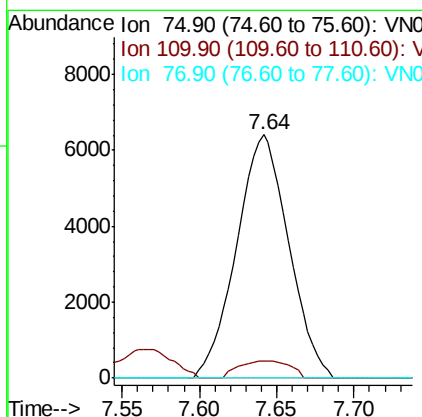
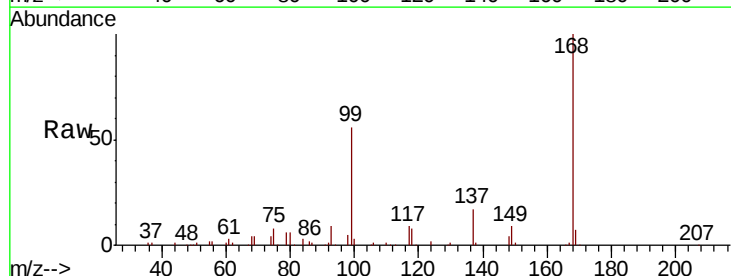
Instrument :
 MSVOA_N
 ClientSampled :

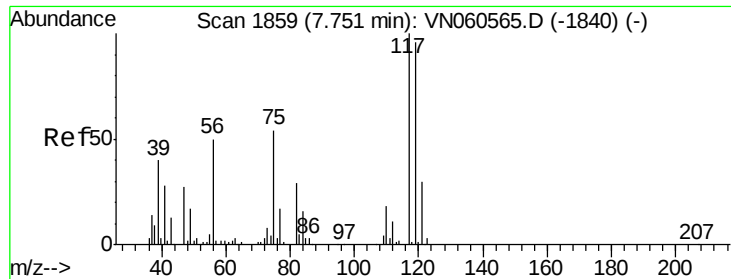
Tot Ion:113 Resp: 92530
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 20.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.933 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Tgt Ion: 75 Resp: 15027
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.9 50.6#
 77 0.0 24.6 36.8#

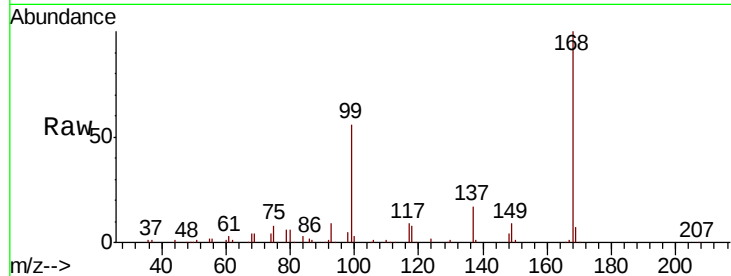




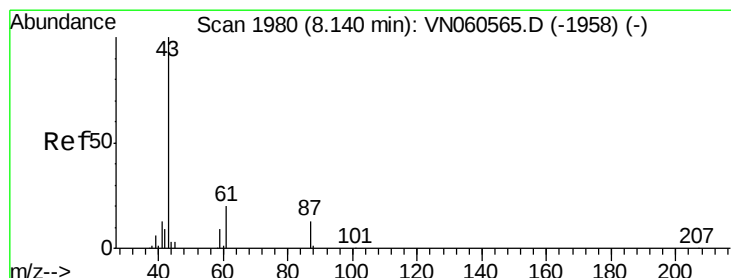
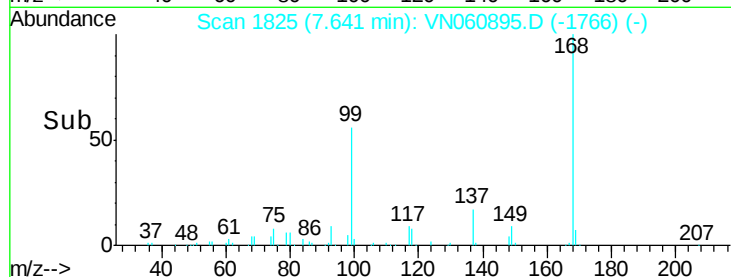
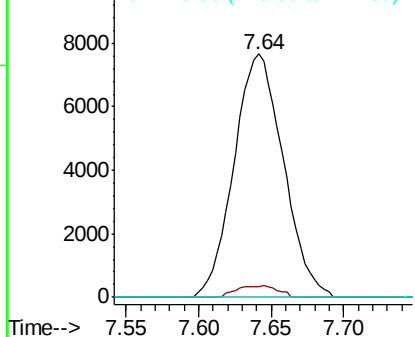
#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 18146
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 23.7 35.5#

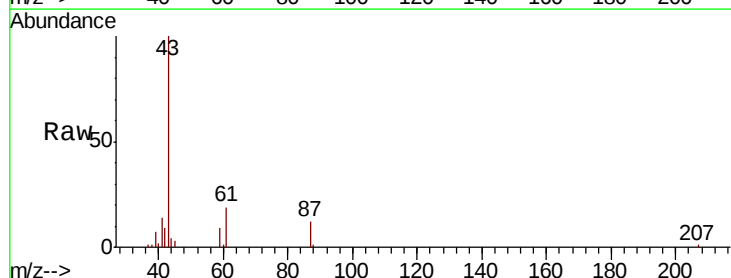


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

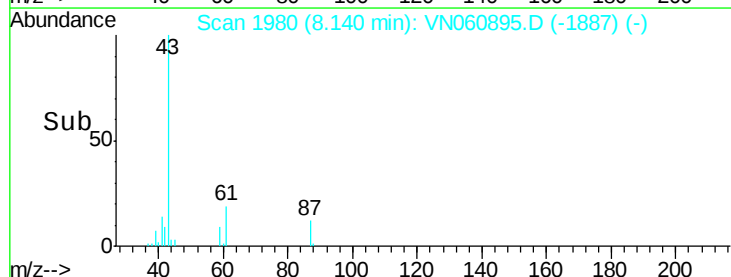
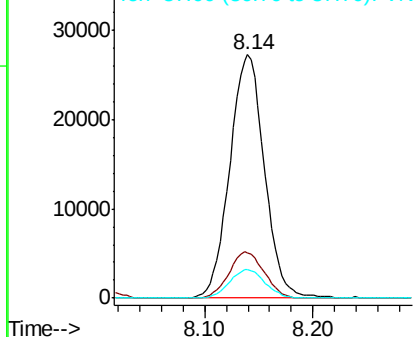


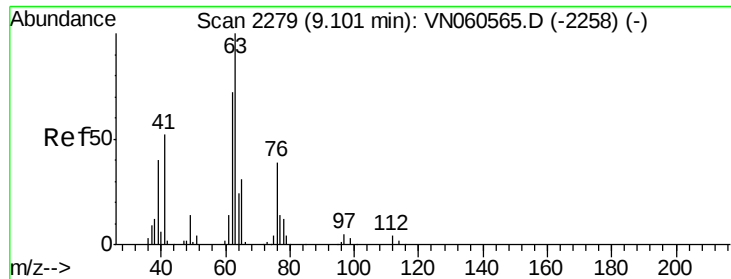
#43
Isopropyl Acetate
Concen: 11.208 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion: 43 Resp: 60845
Ion Ratio Lower Upper
43 100
61 19.1 20.7 31.1#
87 11.8 9.8 14.8



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

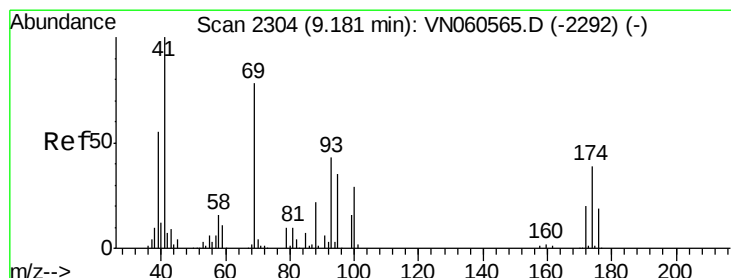
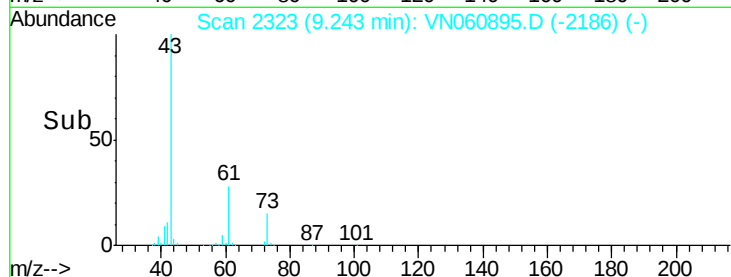
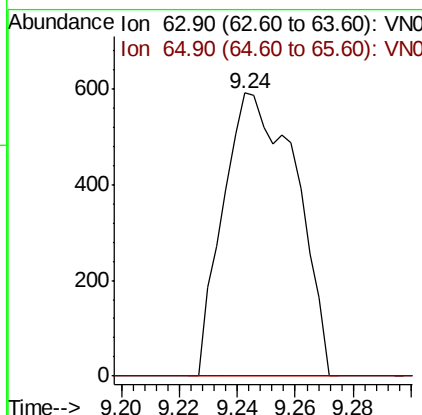
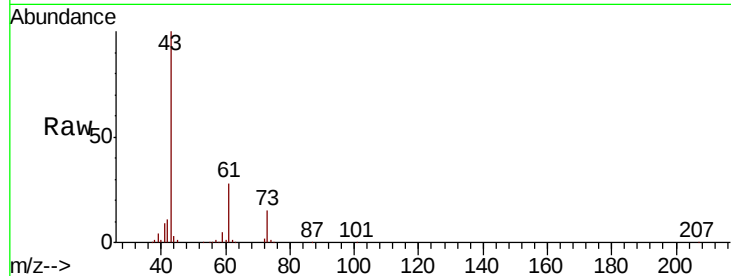




#45
 1,2-Dichloropropane
 Concen: 0.424 ug/l
 RT: 9.24 min Scan# 2323
 Delta R.T. 0.14 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

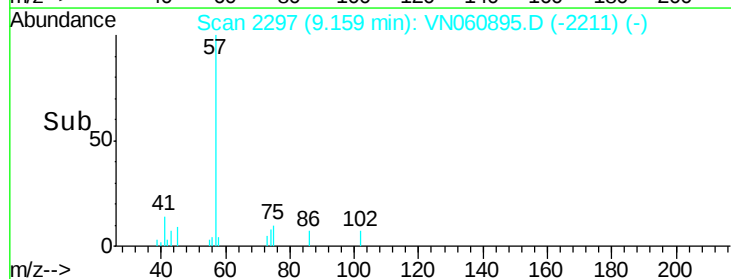
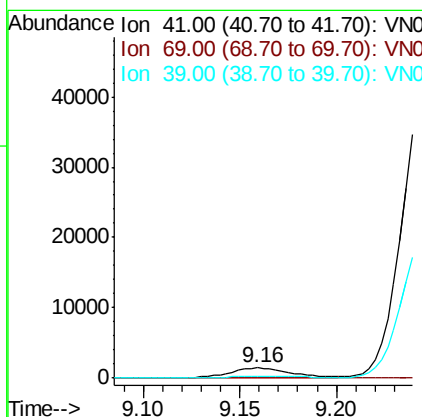
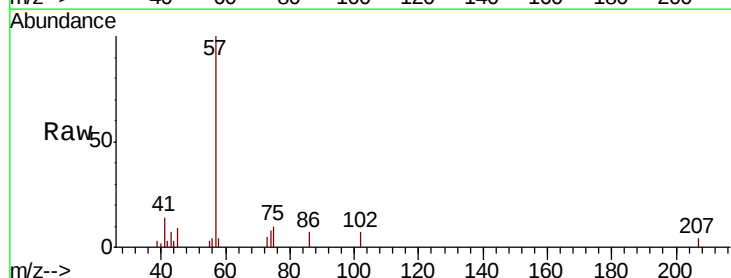
Instrument :
 MSVOA_N
 ClientSampleId :

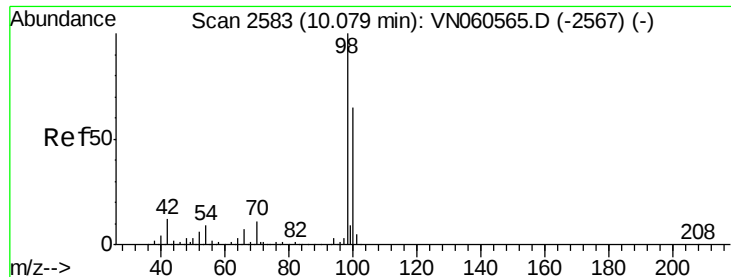
Tot Ion: 63 Resp: 1030
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.0#



#48
 Methyl methacrylate
 Concen: 1.314 ug/l
 RT: 9.16 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Tgt Ion: 41 Resp: 3176
 Ion Ratio Lower Upper
 41 100
 69 0.0 65.4 98.0#
 39 0.0 44.0 66.0#





#50

Toluene-d8

Concen: 49.777 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

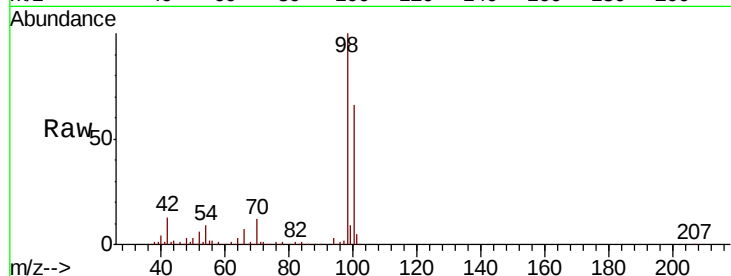
ClientSampleId :

Tot Ion: 98 Resp: 386797

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060895.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060895.D (-2490) (-)

10.08

250000

200000

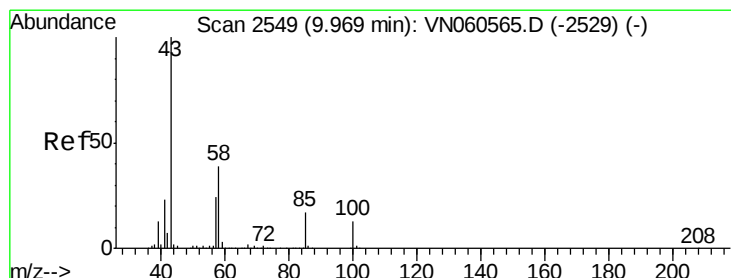
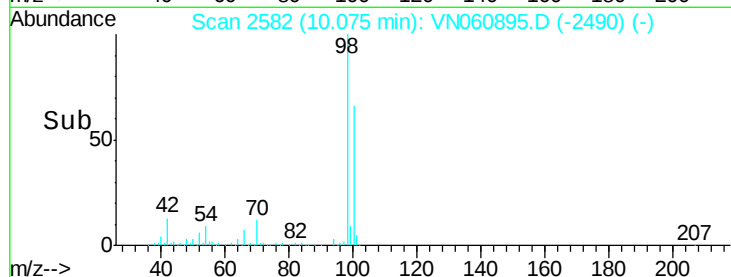
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.902 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060895.D

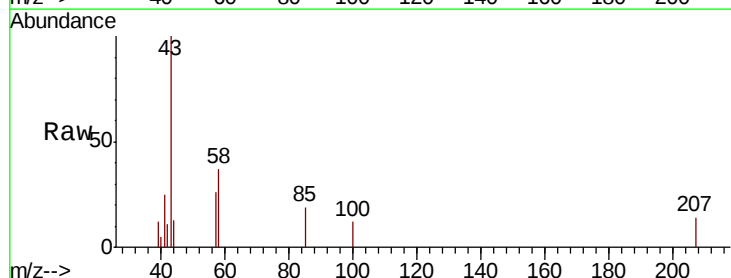
Acq: 8 Apr 2020 13:01

Tgt Ion: 43 Resp: 5875

Ion Ratio Lower Upper

43 100

58 36.4 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060895.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060895.D (-2456) (-)

12000

10000

8000

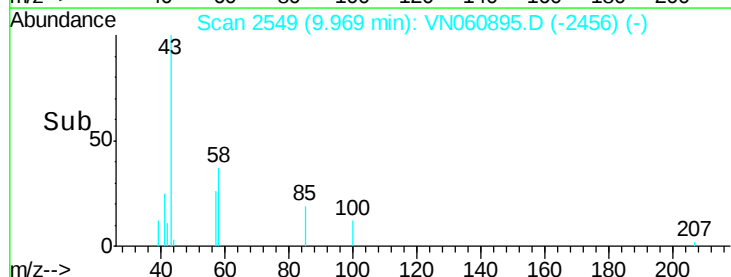
6000

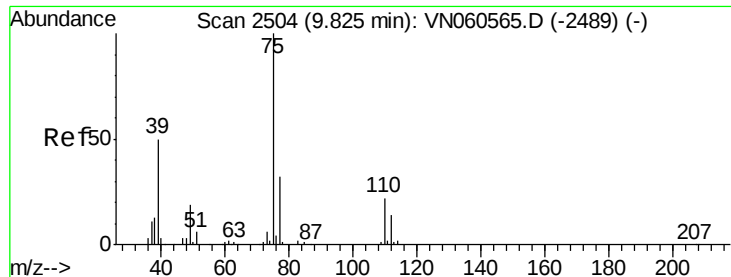
4000

2000

0

Time-->

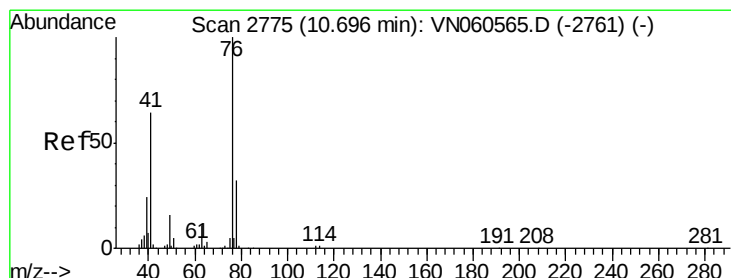
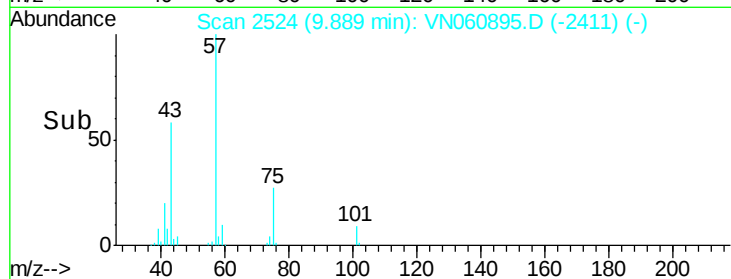
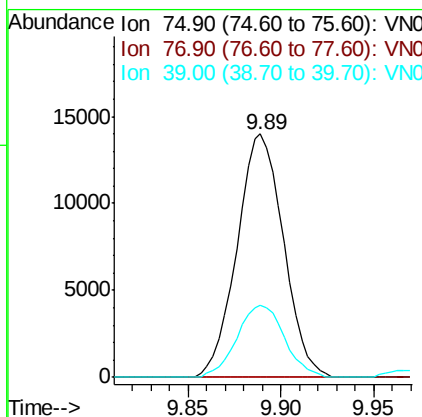
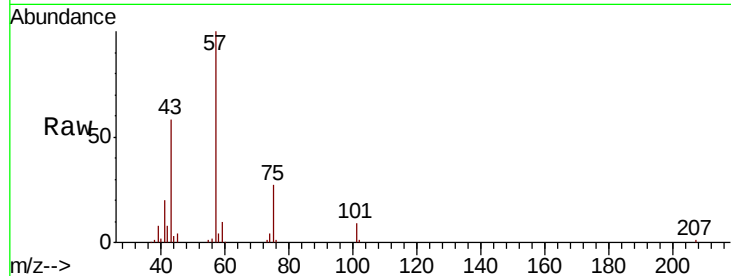




#54
 cis-1,3-Dichloropropene
 Concen: 6.349 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

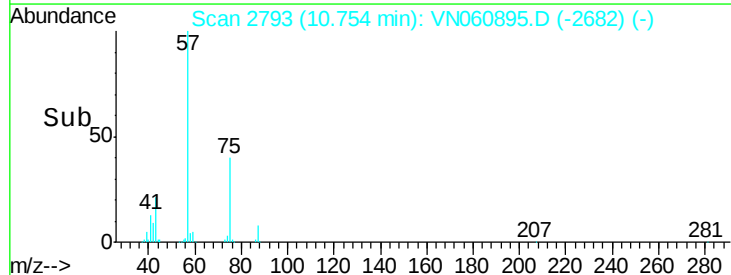
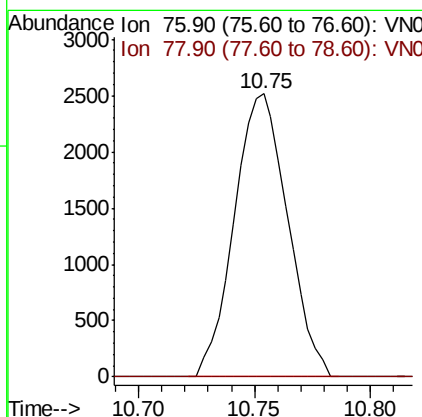
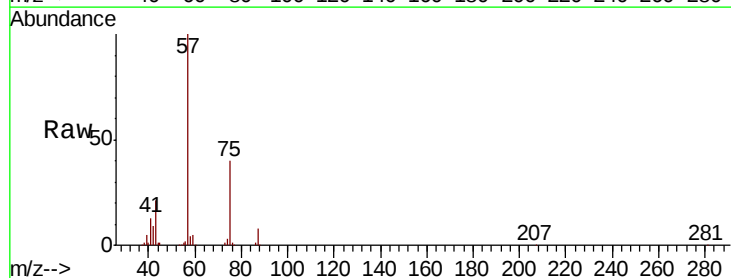
Instrument :
 MSVOA_N
 ClientSampled :

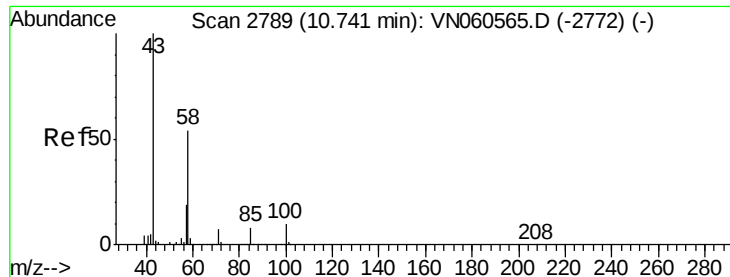
Tot Ion: 75 Resp: 24390
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 29.5 40.2 60.4#



#57
 1,3-Dichloropropane
 Concen: 1.083 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Tgt Ion: 76 Resp: 4015
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

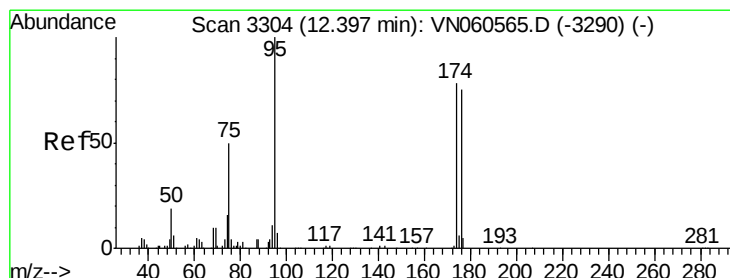
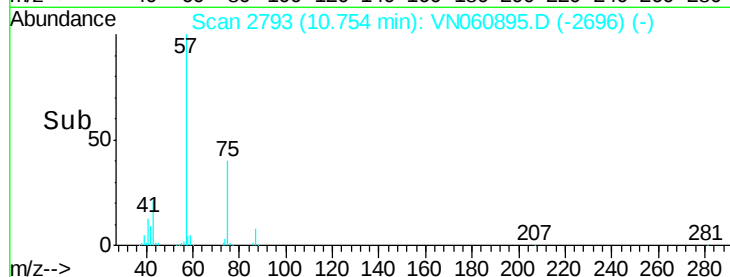
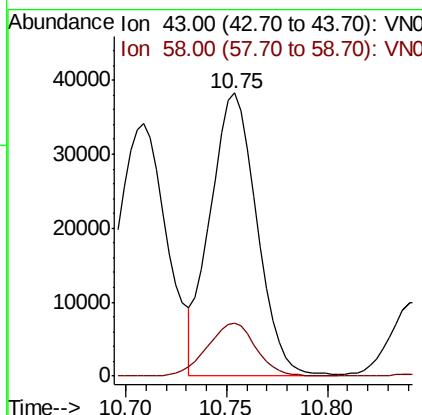
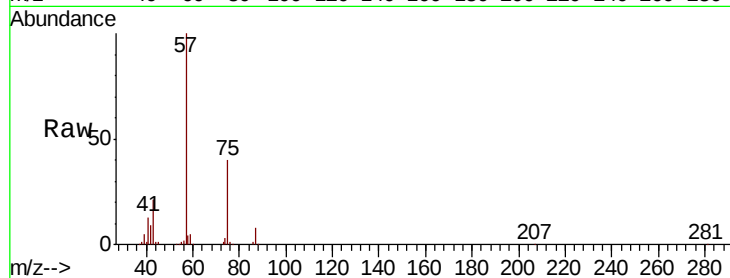




#59
2-Hexanone
Concen: 27.480 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

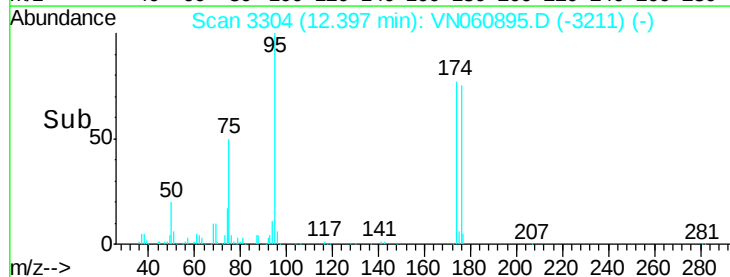
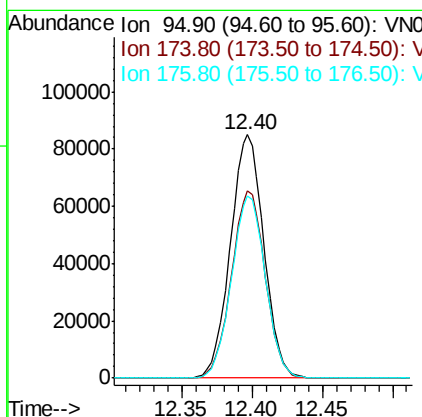
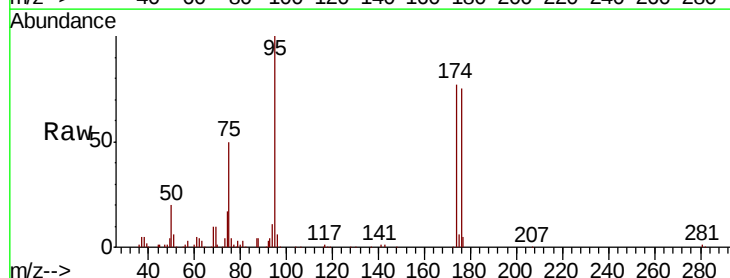
Instrument :
MSVOA_N
ClientSampled :

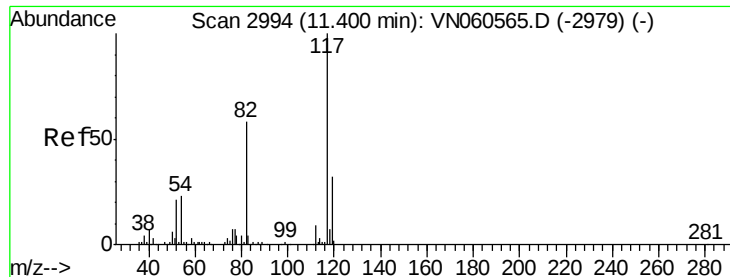
Tot Ion: 43 Resp: 61153
Ion Ratio Lower Upper
43 100
58 19.6 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 49.475 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion: 95 Resp: 140896
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.6
176 75.9 0.0 150.6

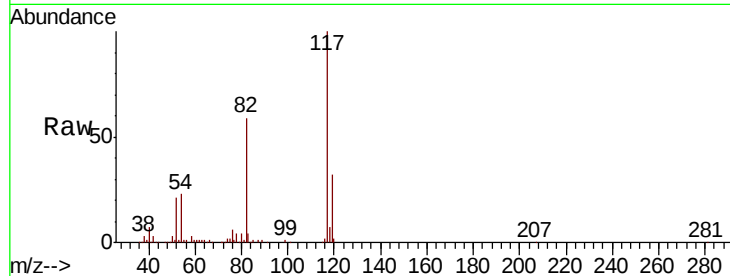




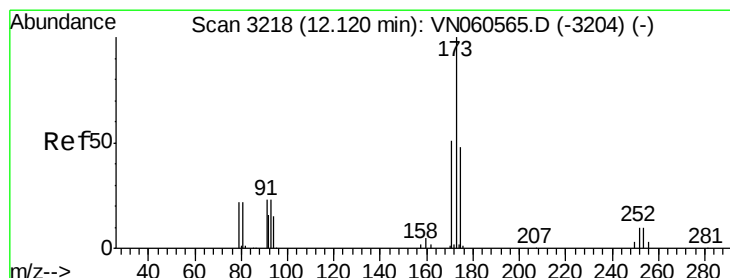
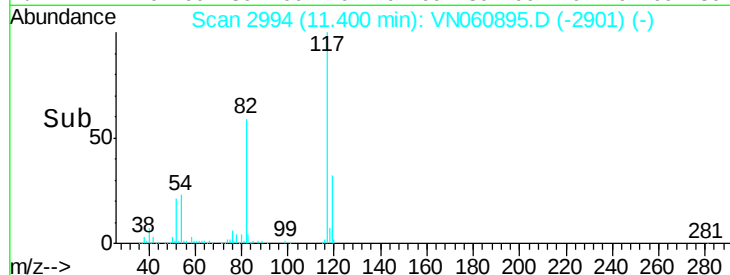
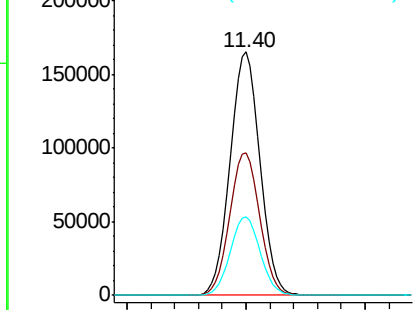
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 287724
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.3 25.5 38.3

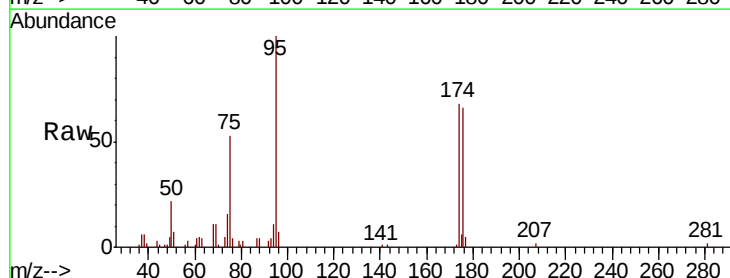


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

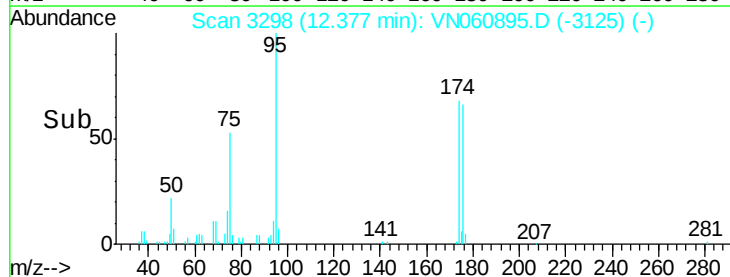
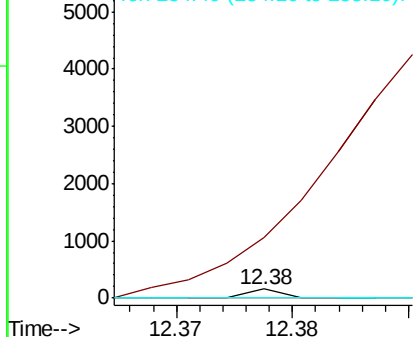


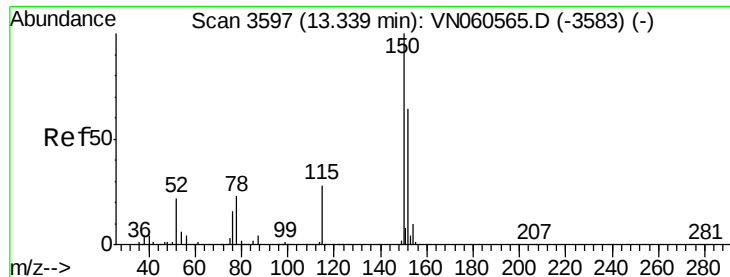
#71
Bromoform
Concen: 1.697 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.26 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion:173 Resp: 30
Ion Ratio Lower Upper
173 100
175 23040.0 24.1 72.4#
254 0.0 0.0 0.0



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



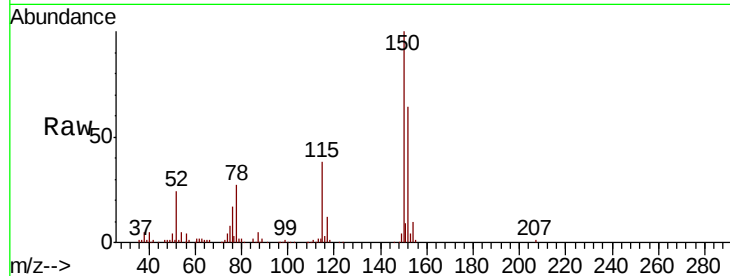


#72

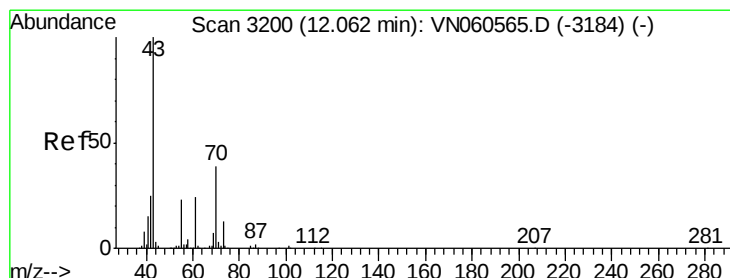
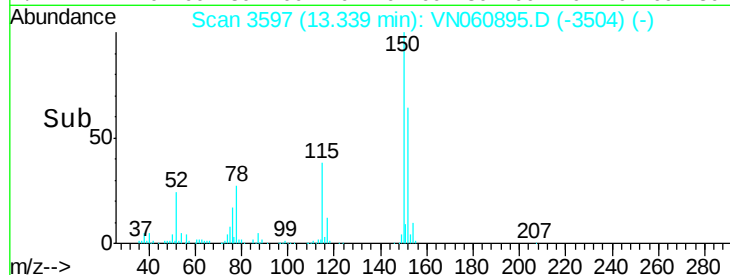
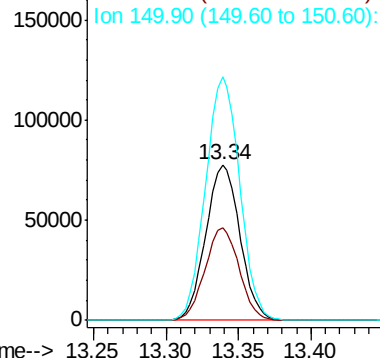
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.2	90.6
150	156.6	0.0	350.2



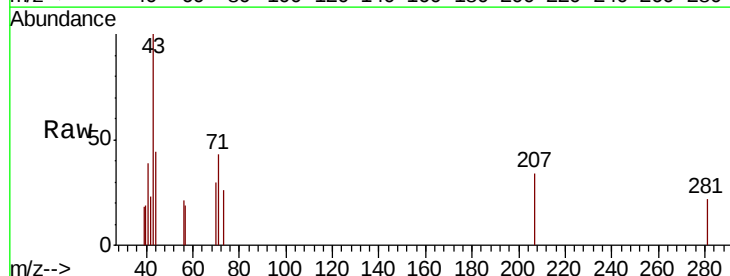
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



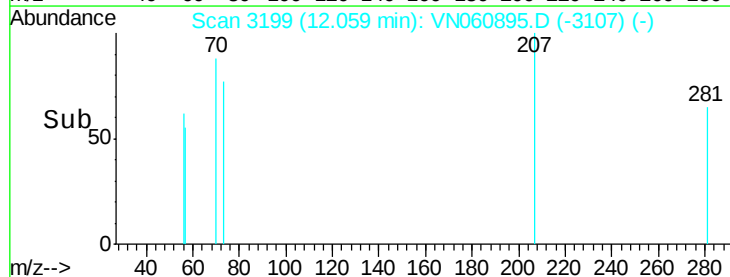
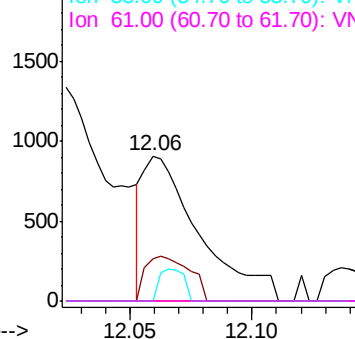
#74

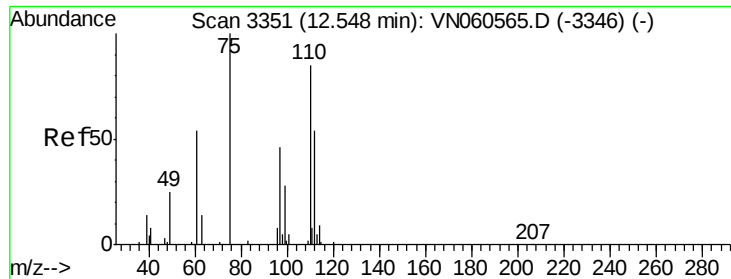
N-ethyl acetate
Concen: 0.329 ug/l
RT: 12.06 min Scan# 3199
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	24.4	31.1	46.7#
55	9.7	18.6	27.8#
61	0.0	18.9	28.3#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 26.145 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

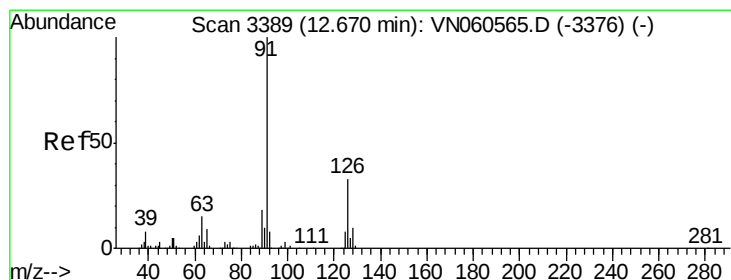
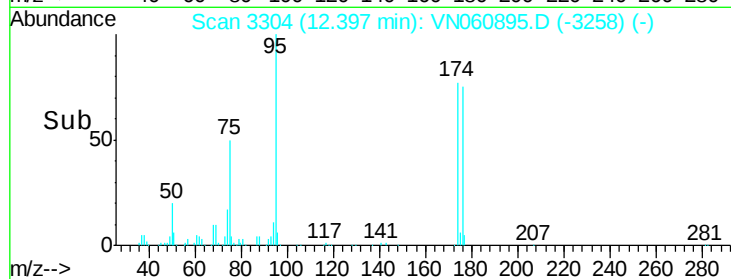
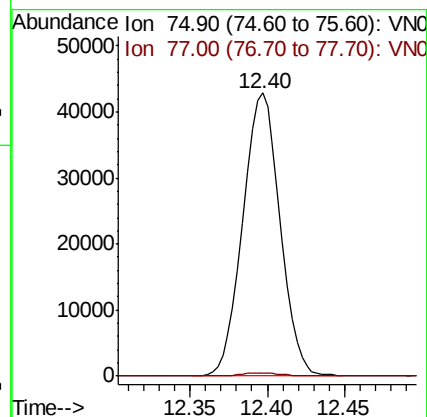
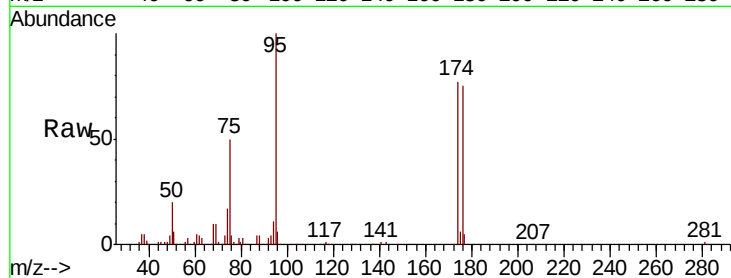
ClientSampled :

Tot Ion: 75 Resp: 71799

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#79

2-Chlorotoluene

Concen: 0.211 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.10 min

Lab File: VN060895.D

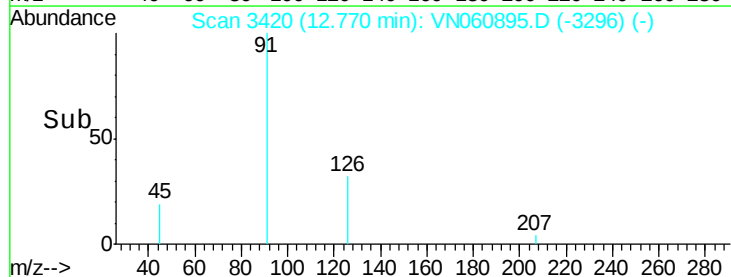
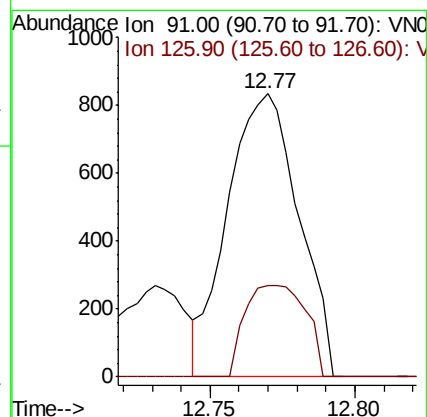
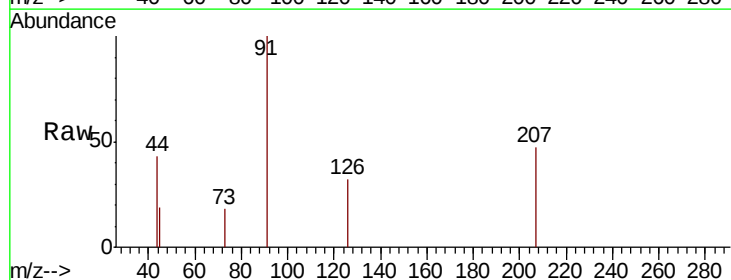
Acq: 8 Apr 2020 13:01

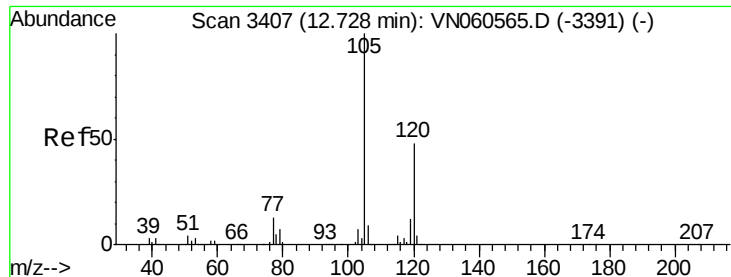
Tgt Ion: 91 Resp: 1421

Ion Ratio Lower Upper

91 100

126 27.5 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 0.400 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

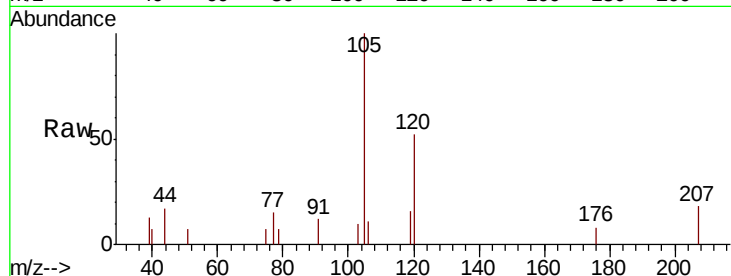
ClientSampled :

Tot Ion:105 Resp: 3244

Ion Ratio Lower Upper

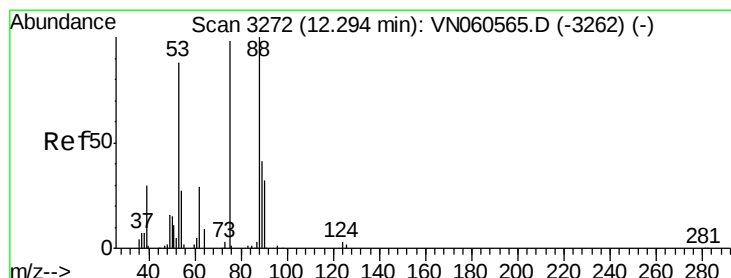
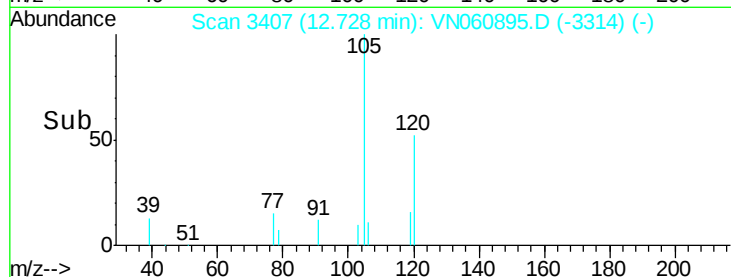
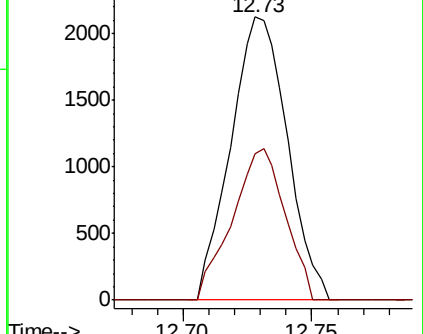
105 100

120 50.2 23.9 71.7



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: 67.149 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

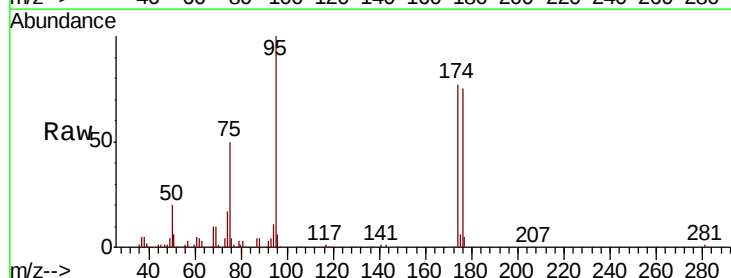
Tgt Ion: 75 Resp: 71799

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

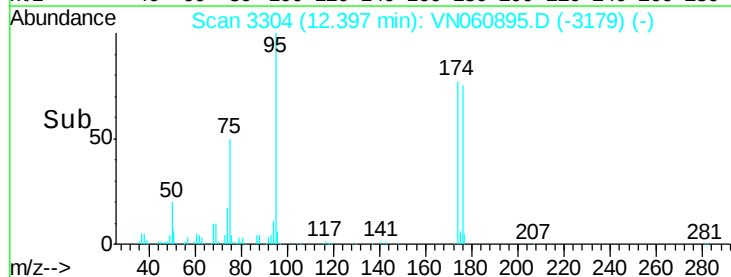
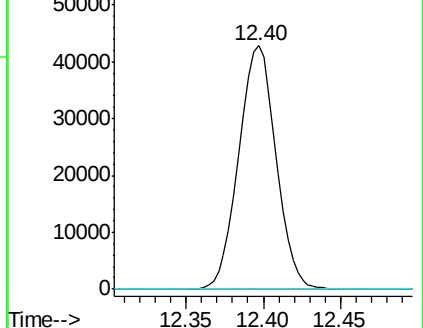
89 0.0 34.8 52.2#

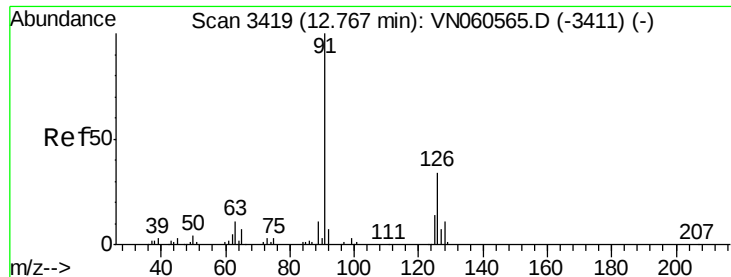


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

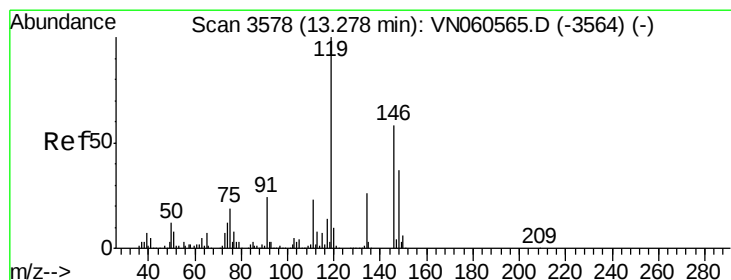
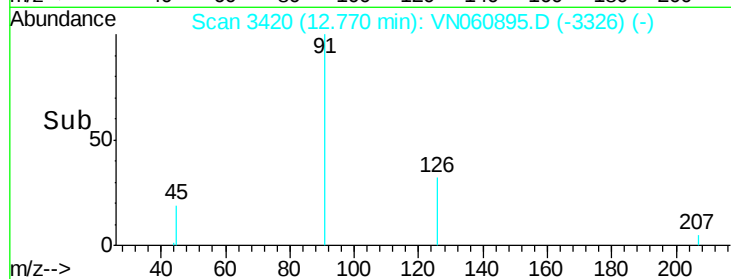
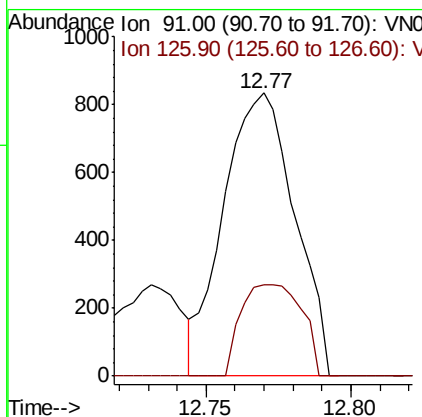
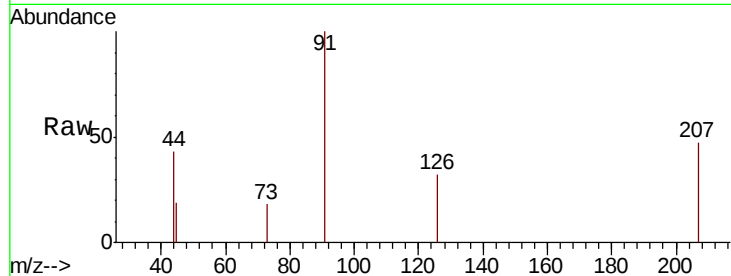




#82
4-Chlorotoluene
Concen: 0.207 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

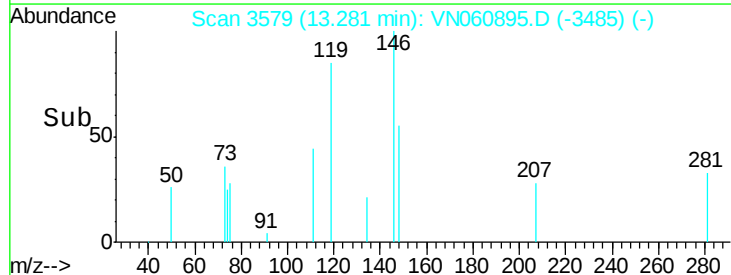
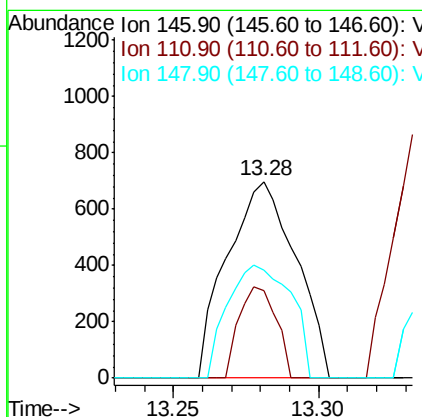
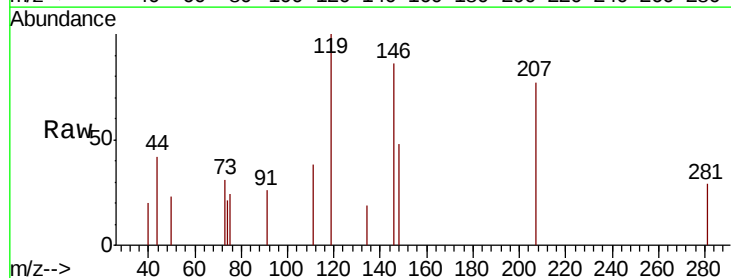
Instrument :
MSVOA_N
ClientSampled :

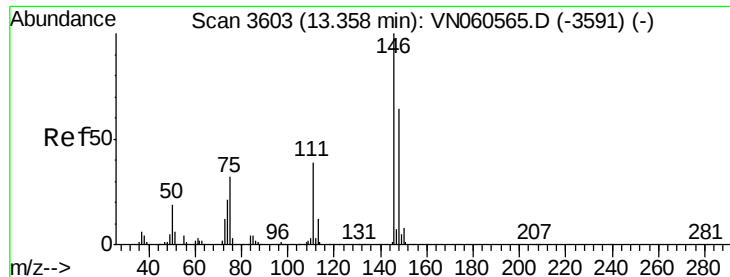
Tot Ion: 91 Resp: 1421
Ion Ratio Lower Upper
91 100
126 27.5 16.2 48.5



#87
1,3-Dichlorobenzene
Concen: 0.284 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Tgt Ion: 146 Resp: 1151
Ion Ratio Lower Upper
146 100
111 24.9 20.3 60.8
148 52.6 32.5 97.4

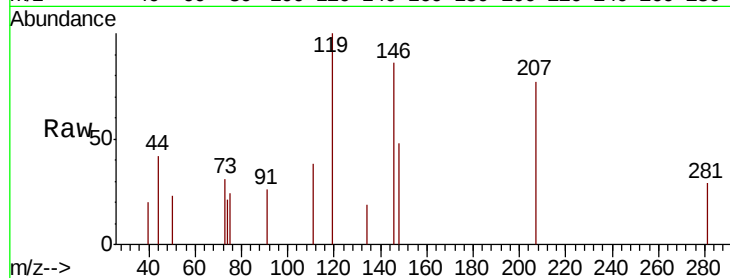




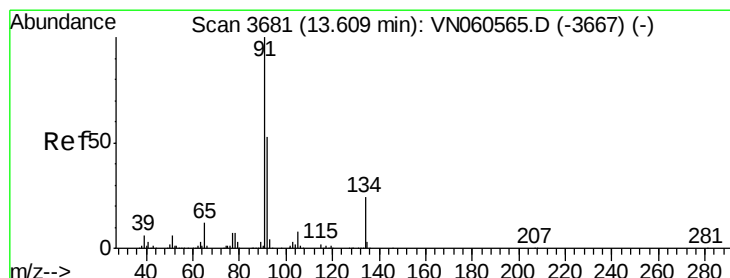
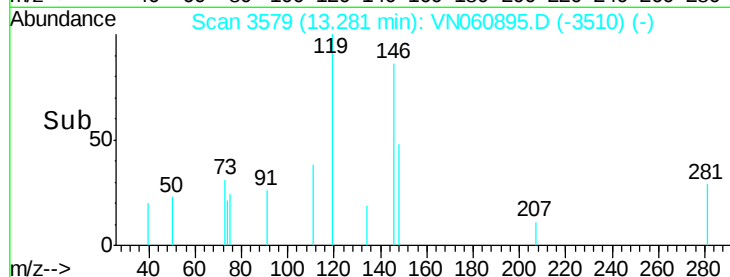
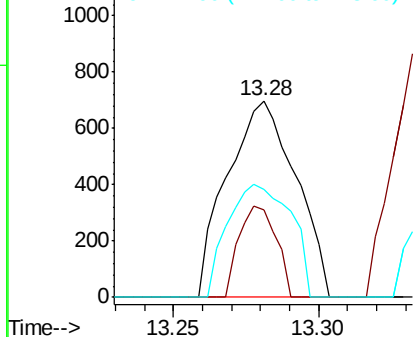
#88
 1,4-Dichlorobenzene
 Concen: 0.282 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1151
 Ion Ratio Lower Upper
 146 100
 111 24.9 19.6 58.7
 148 52.6 32.1 96.3

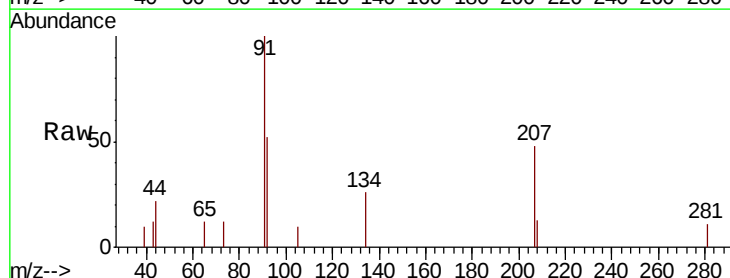


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

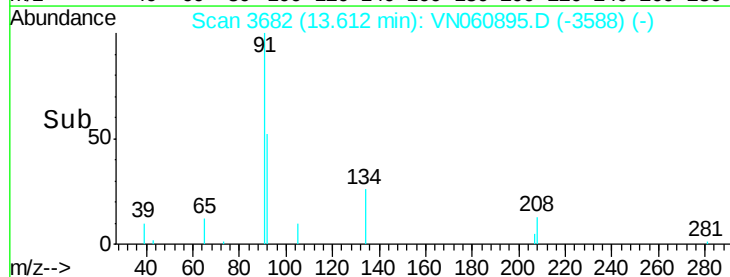
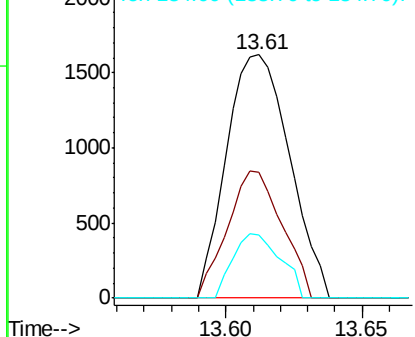


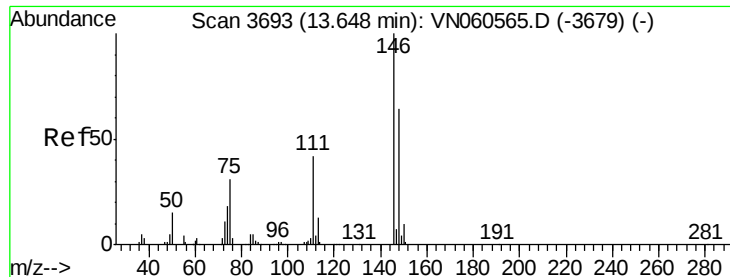
#89
 n-Butylbenzene
 Concen: 0.354 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060895.D
 Acq: 8 Apr 2020 13:01

Tgt Ion: 91 Resp: 2599
 Ion Ratio Lower Upper
 91 100
 92 45.1 26.2 78.5
 134 20.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.275 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

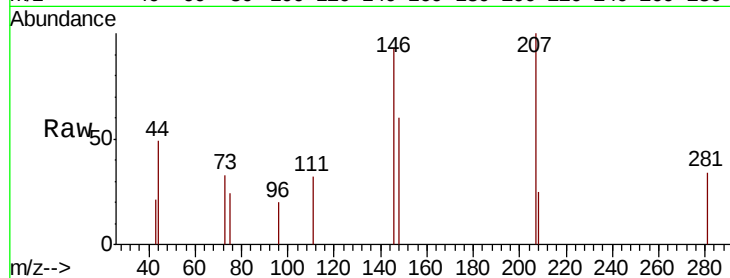
Tot Ion:146 Resp: 1066

Ion Ratio Lower Upper

146 100

111 25.2 21.0 63.0

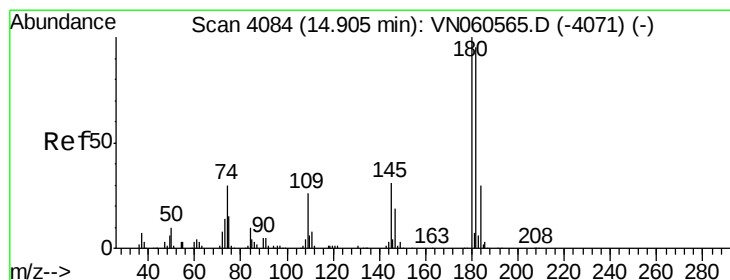
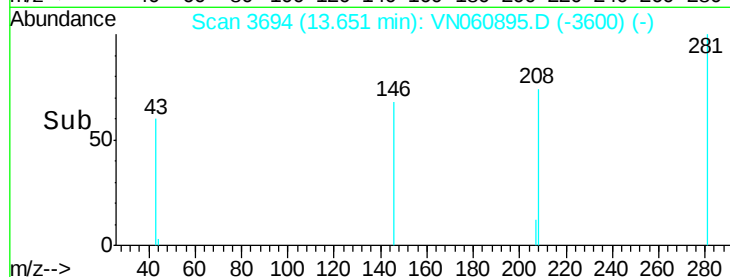
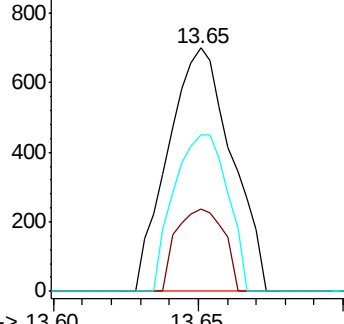
148 54.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.802 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

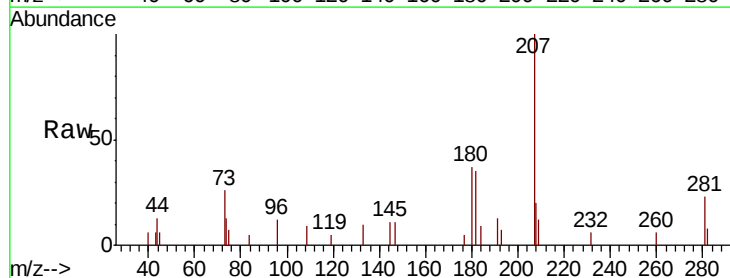
Tgt Ion:180 Resp: 1911

Ion Ratio Lower Upper

180 100

182 99.8 47.9 143.8

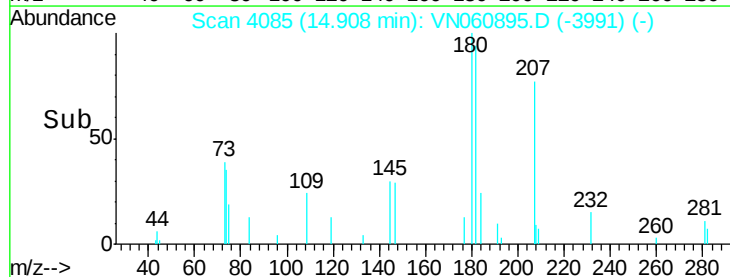
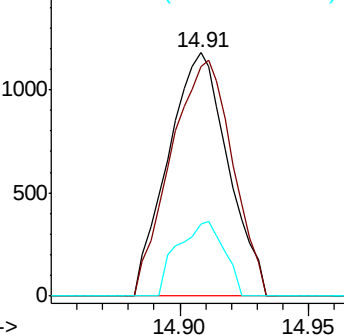
145 24.0 15.4 46.2

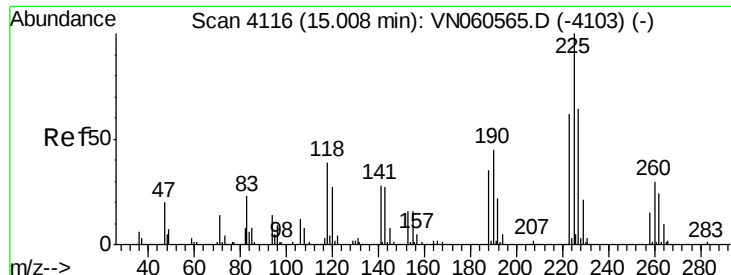


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.590 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

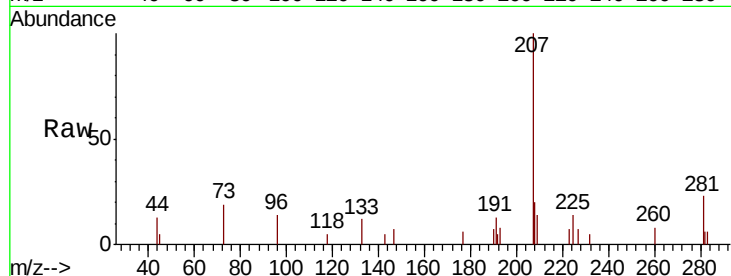
Tot Ion:225 Resp: 689

Ion Ratio Lower Upper

225 100

223 63.9 31.6 95.0

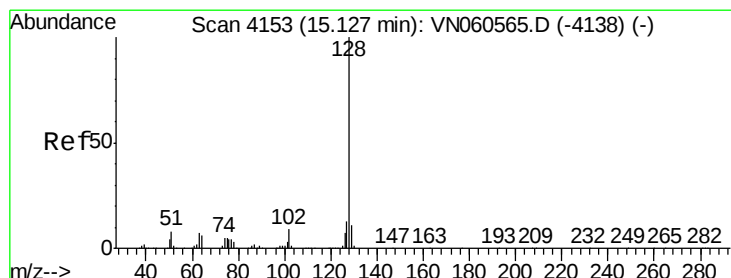
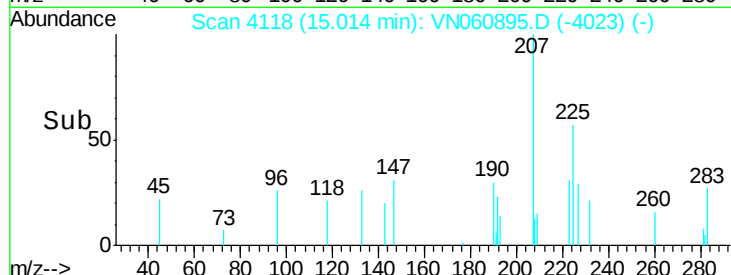
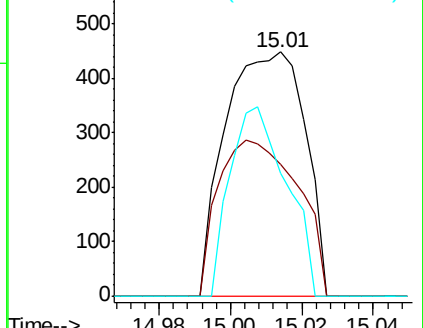
227 55.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN060895.D

Acq: 8 Apr 2020 13:01

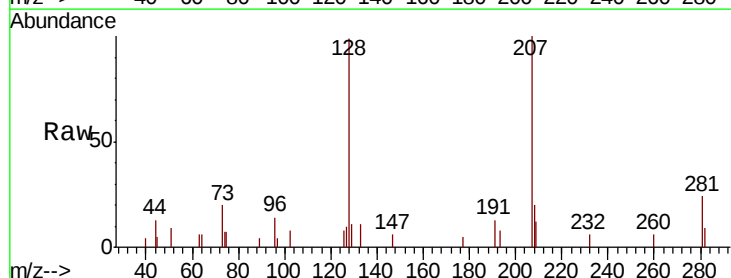
Tgt Ion:128 Resp: 6903

Ion Ratio Lower Upper

128 100

127 10.3 10.2 15.2

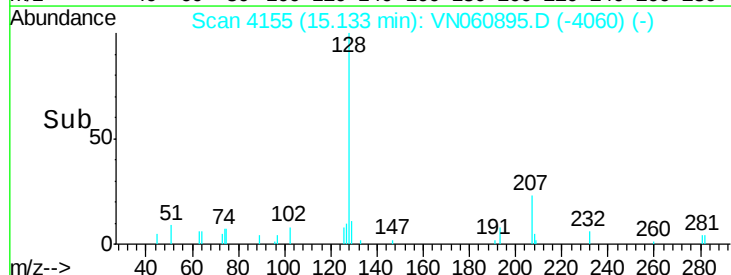
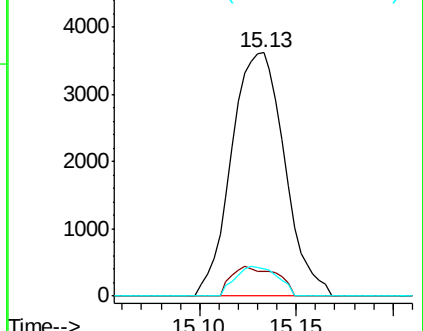
129 9.7 8.8 13.2

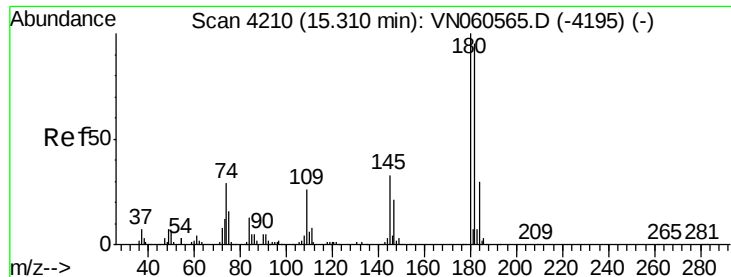


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

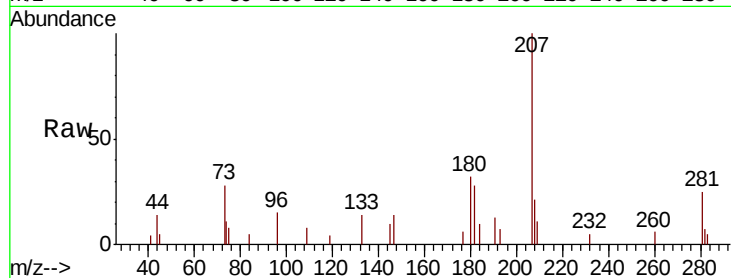




#96
1,2,3-Trichlorobenzene
Concen: 0.889 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060895.D
Acq: 8 Apr 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	180	Resp	2088
Ion Ratio	100	Lower	Upper
180	100		
182	85.9	47.5	142.6
145	27.9	16.3	48.8



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

