

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060643.D
 Acq On : 19 Mar 2020 17:40
 Operator : JC/MD
 Sample : L1980-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 01:51:07 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	7.73	168	171122	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	8.63	114	284617	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.41	117	267157	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.34	152	124173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.08	65	110937	47.23	ug/l	0.08
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.66	113	87041	50.58	ug/l	0.10
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.10	98	355660	50.59	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	132121	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
3) Chloromethane	2.18	50	1470	0.475	ug/l #	88
13) Acrolein	3.61	56	483	1.261	ug/l #	25
16) Acetone	4.03	43	28944	34.784	ug/l	94
17) Carbon Disulfide	4.24	76	1338	0.237	ug/l #	75
20) Methylene Chloride	4.73	84	8878	4.337	ug/l	97
25) 2-Butanone	6.95	43	24471	18.174	ug/l	96
28) Bromochloromethane	7.45	49	8117	4.521	ug/l #	17
29) Tetrahydrofuran	7.32	42	3419	3.589	ug/l #	35
30) Chloroform	7.45	83	92976	25.842	ug/l	99
31) Cyclohexane	7.73	56	3776	0.998	ug/l #	1
36) 1,1-Dichloropropene	7.72	75	13732	4.983	ug/l #	49
37) Ethyl Acetate	6.95	43	24471	8.218	ug/l #	70
38) Carbon Tetrachloride	7.73	117	16409	6.643	ug/l #	17
40) Benzene	8.09	78	2791	0.335	ug/l	94
41) Methacrylonitrile	7.24	41	319	0.251	ug/l #	100
43) Isopropyl Acetate	8.22	43	47711	9.715	ug/l #	92
45) 1,2-Dichloropropane	9.29	63	871	0.397	ug/l #	43
48) Methyl methacrylate	9.21	41	4018	1.838	ug/l #	15
51) 4-Methyl-2-Pentanone	10.00	43	140242	50.182	ug/l	100
52) Toluene	10.17	92	3954	0.787	ug/l	83
53) t-1,3-Dichloropropene	10.35	75	692	0.218	ug/l #	1
54) cis-1,3-Dichloropropene	9.92	75	17423	5.013	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	2665	0.794	ug/l #	42
59) 2-Hexanone	10.77	43	42119	20.922	ug/l #	57
70) Styrene	11.97	104	2508	0.439	ug/l	93
71) Bromoform	12.38	173	31	1.699	ug/l #	1
74) N-amyl acetate	12.03	43	6899	1.602	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.44	83	5054	1.793	ug/l #	37
76) 1,2,3-Trichloropropane	12.40	75	65898	24.594	ug/l #	100
79) 2-Chlorotoluene	12.68	91	1530	0.233	ug/l	83
81) trans-1,4-Dichloro-2-buten	12.31	75	4269	4.092	ug/l #	6
82) 4-Chlorotoluene	12.68	91	1530	0.228	ug/l	83
83) tert-Butylbenzene	13.16	119	1568	0.239	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.06	105	5648	0.722	ug/l #	44

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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

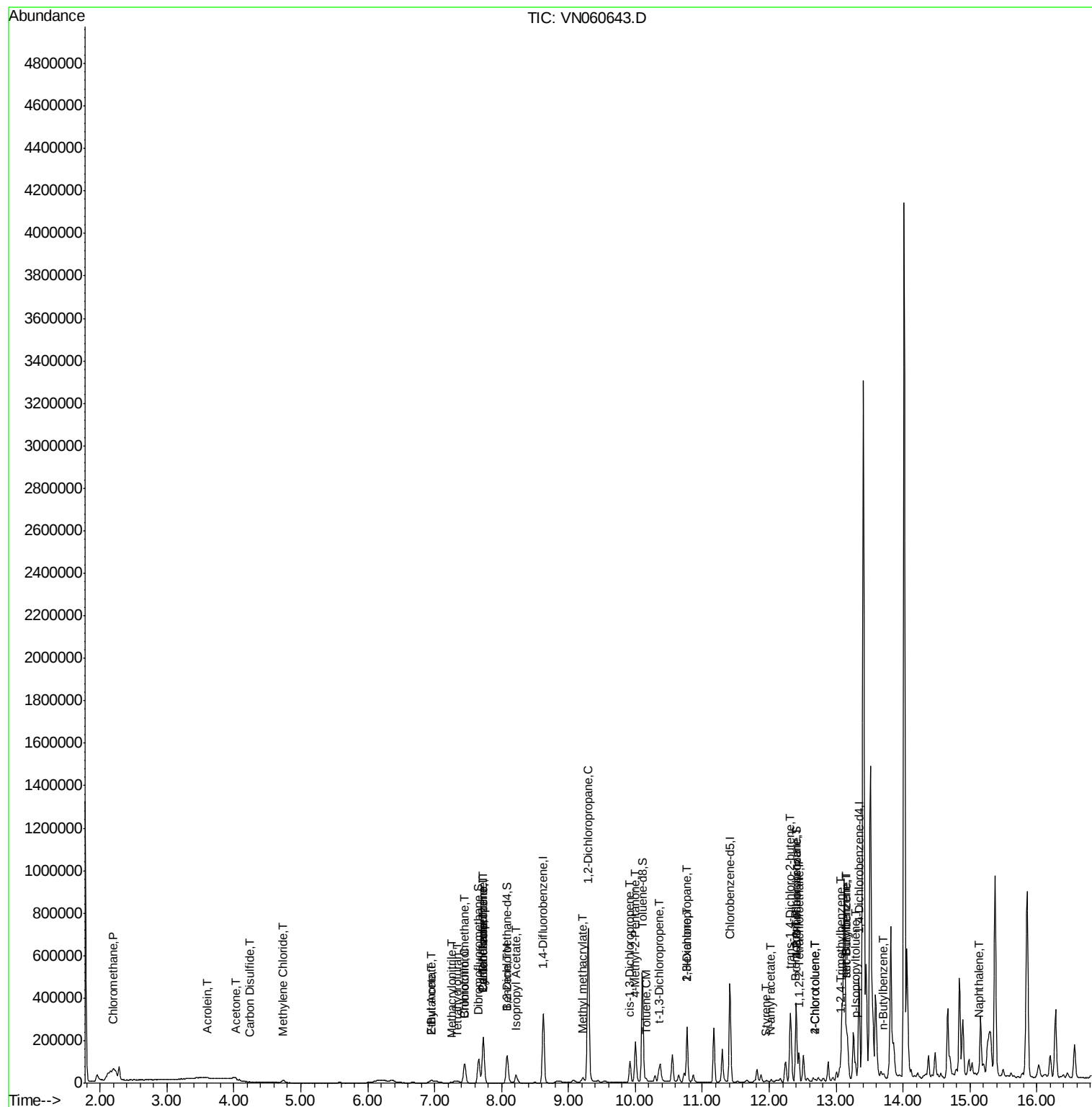
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.16	105	2676	0.304	ug/l	86
86) p-Isopropyltoluene	13.29	119	44204	5.576	ug/l	94
89) n-Butylbenzene	13.70	91	3647	0.510	ug/l #	59
95) Naphthalene	15.13	128	2547	0.364	ug/l #	91

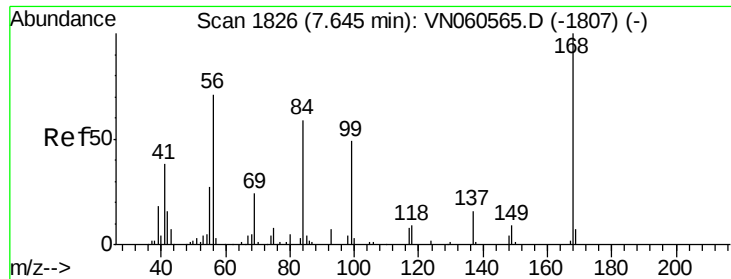
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
Data File : VN060643.D
Acq On : 19 Mar 2020 17:40
Operator : JC/MD
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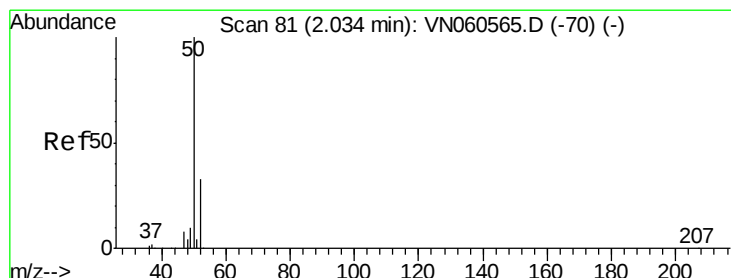
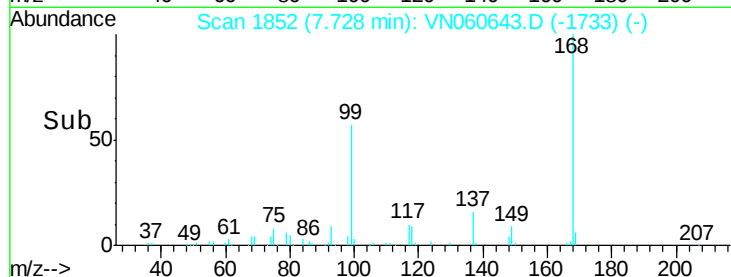
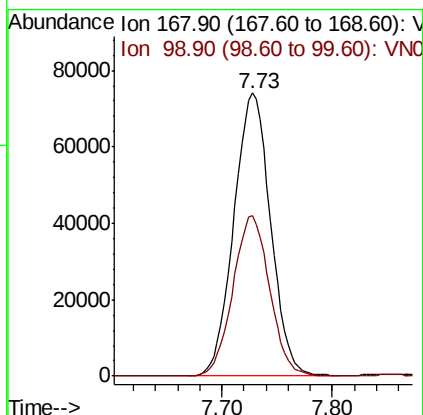
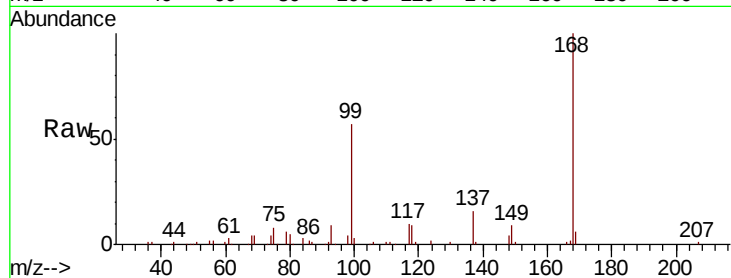




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. 0.08 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

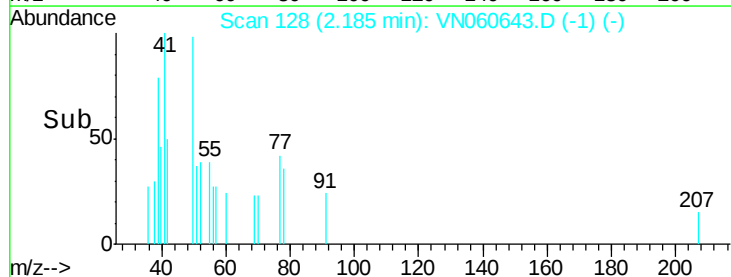
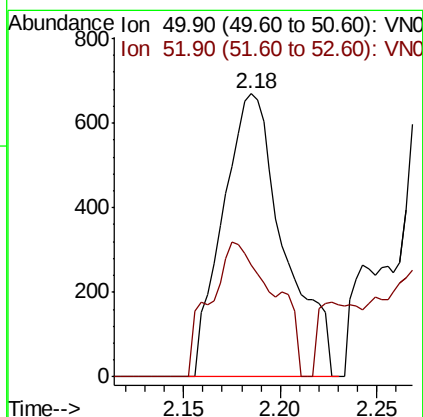
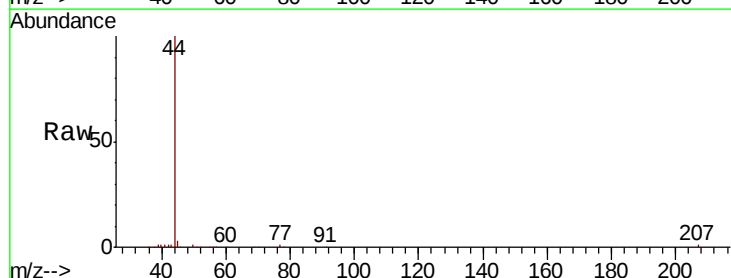
Instrument :
MSVOA_N
ClientSampled :

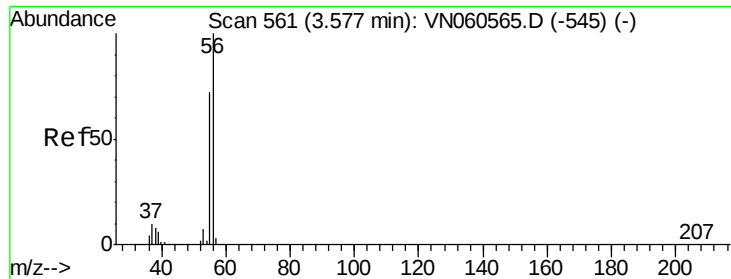
Tot Ion:168 Resp: 171122
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#3
Chloromethane
Concen: 0.475 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.15 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 39.6 26.2 39.2#





#13

Acrolein

Concen: 1.261 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.04 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

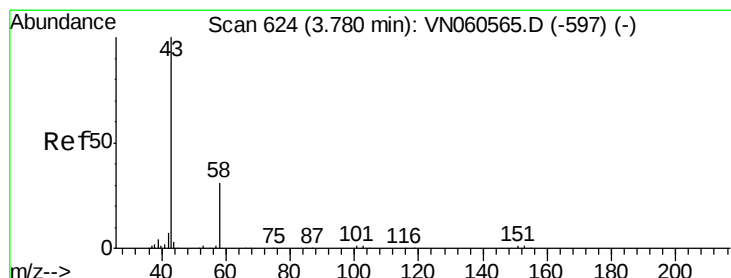
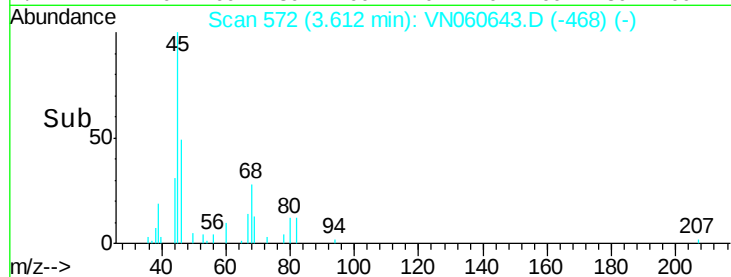
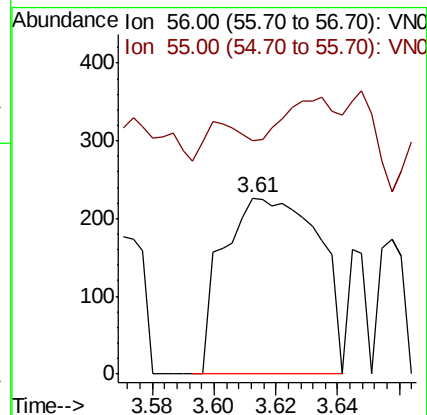
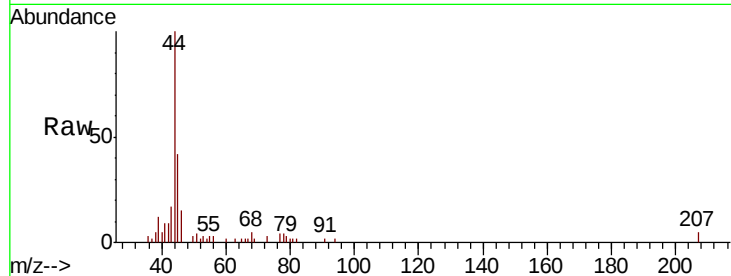
ClientSampled :

Tot Ion: 56 Resp: 483

Ion Ratio Lower Upper

56 100

55 9.1 56.7 85.1#



#16

Acetone

Concen: 34.784 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.25 min

Lab File: VN060643.D

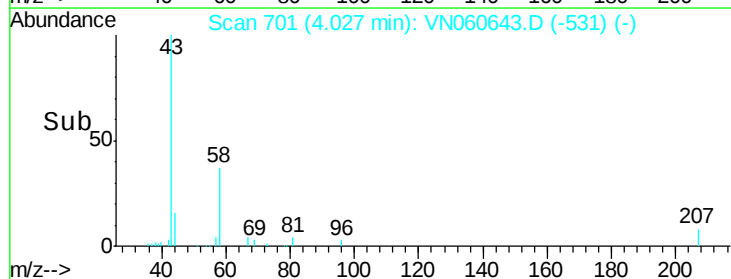
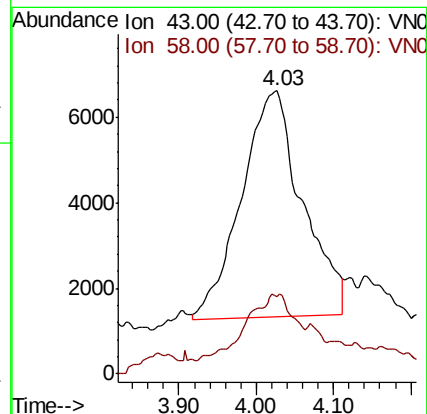
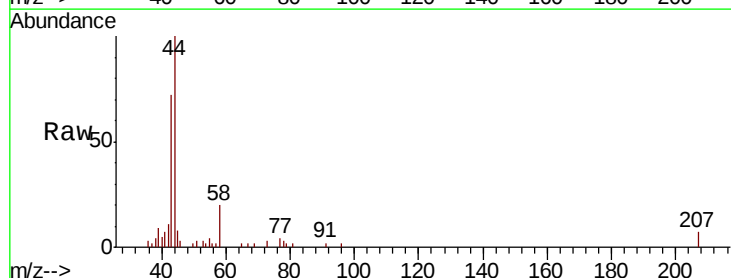
Acq: 19 Mar 2020 17:40

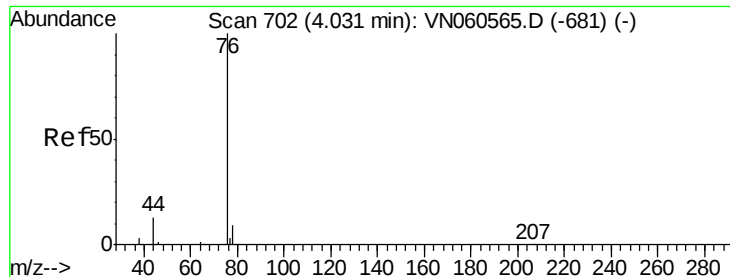
Tgt Ion: 43 Resp: 28944

Ion Ratio Lower Upper

43 100

58 27.9 25.1 37.7





#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 4.24 min Scan# 766

Delta R.T. 0.21 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

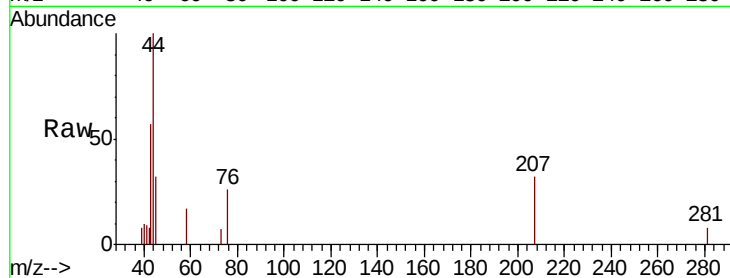
ClientSampleId :

Tot Ion: 76 Resp: 1338

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN060643.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060643.D (-609) (-)

4.24

600

500

400

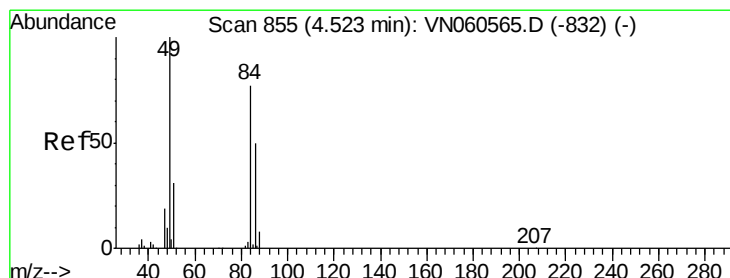
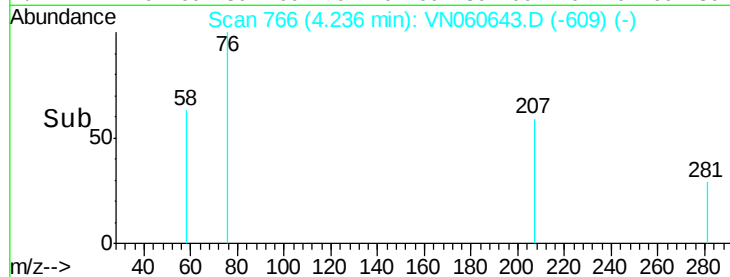
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 4.337 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.21 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Tgt Ion: 84 Resp: 8878

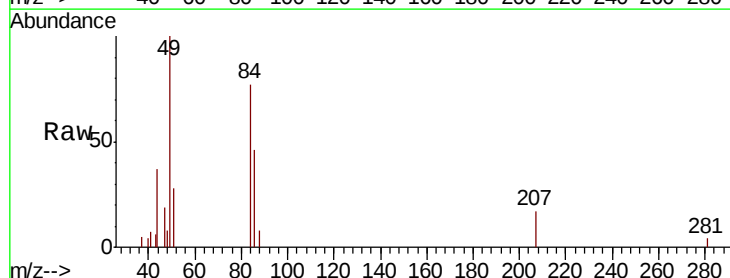
Ion Ratio Lower Upper

84 100

49 129.7 103.3 154.9

51 36.9 31.6 47.4

86 59.9 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060643.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060643.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060643.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060643.D (-762) (-)

5000

4000

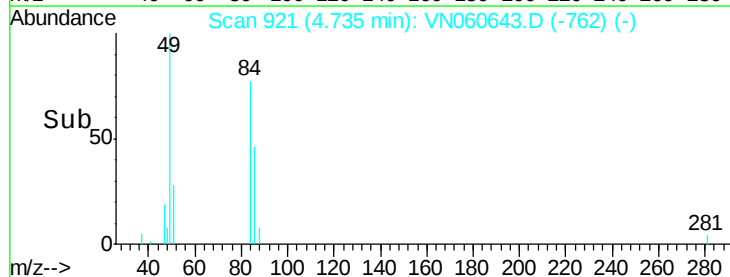
3000

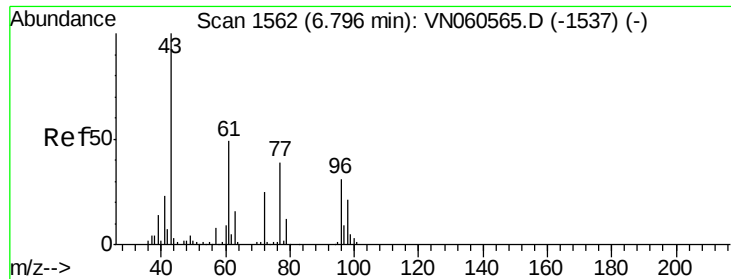
2000

1000

0

Time-->





#25

2-Butanone

Concen: 18.174 ug/l

RT: 6.95 min Scan# 1610

Delta R.T. 0.15 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

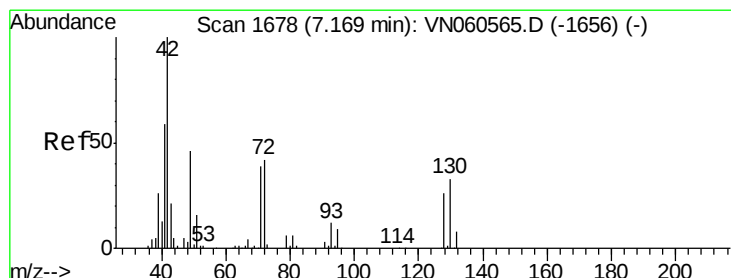
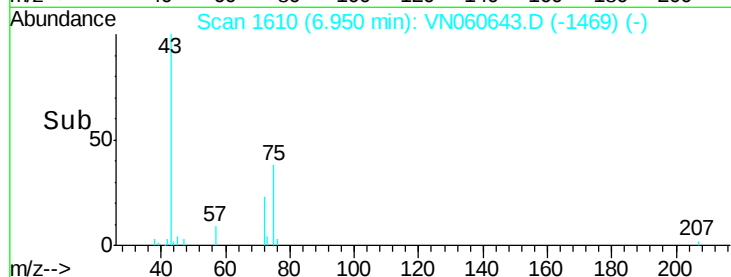
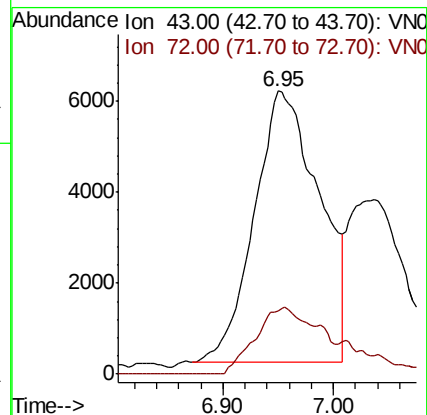
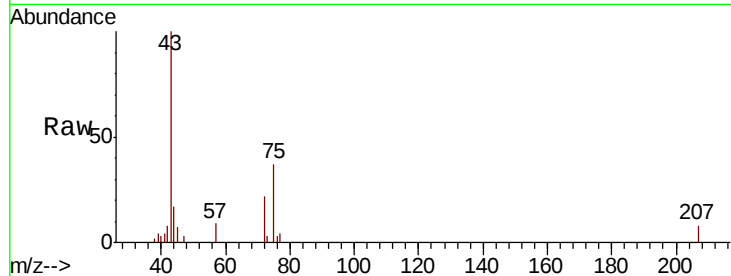
ClientSampleId :

Tot Ion: 43 Resp: 24471

Ion Ratio Lower Upper

43 100

72 23.4 20.4 30.6



#28

Bromochloromethane

Concen: 4.521 ug/l

RT: 7.45 min Scan# 1766

Delta R.T. 0.28 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

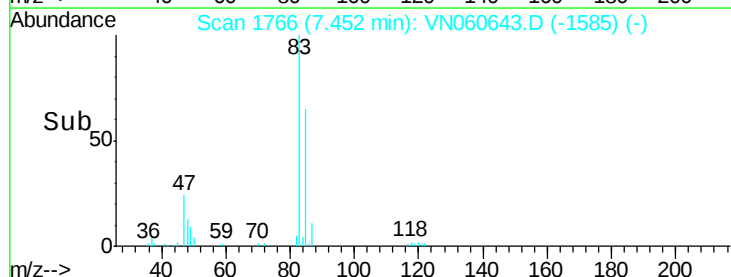
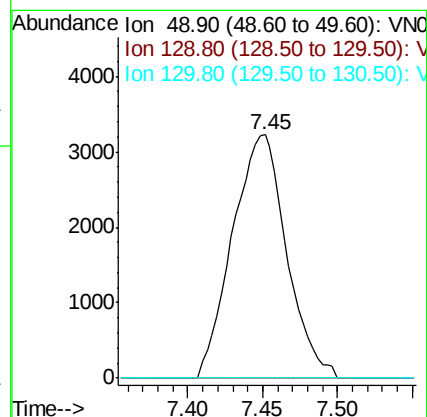
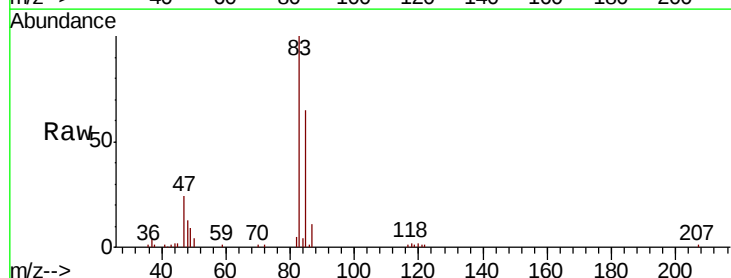
Tgt Ion: 49 Resp: 8117

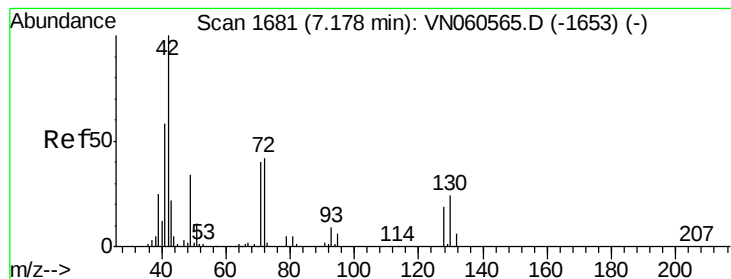
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 0.0 55.0 82.4#





#29

Tetrahydrofuran

Concen: 3.589 ug/l

RT: 7.32 min Scan# 1725

Delta R.T. 0.14 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampled :

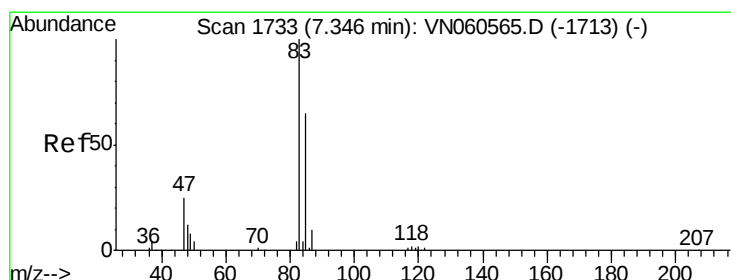
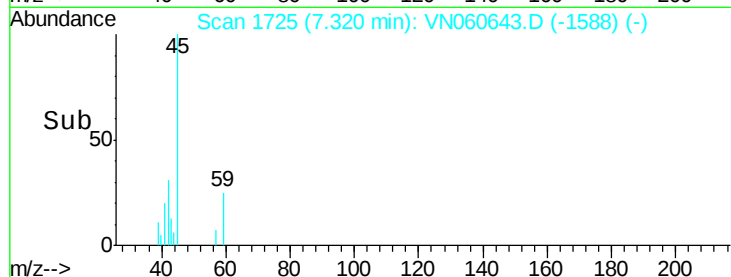
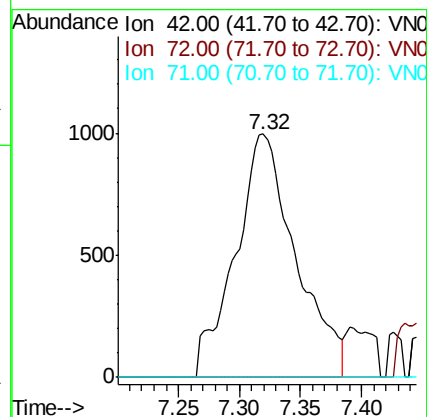
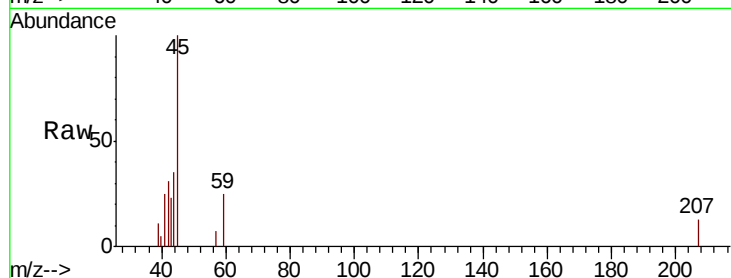
Tot Ion: 42 Resp: 3419

Ion Ratio Lower Upper

42 100

72 0.0 33.2 49.8#

71 0.0 31.1 46.7#



#30

Chloroform

Concen: 25.842 ug/l

RT: 7.45 min Scan# 1765

Delta R.T. 0.10 min

Lab File: VN060643.D

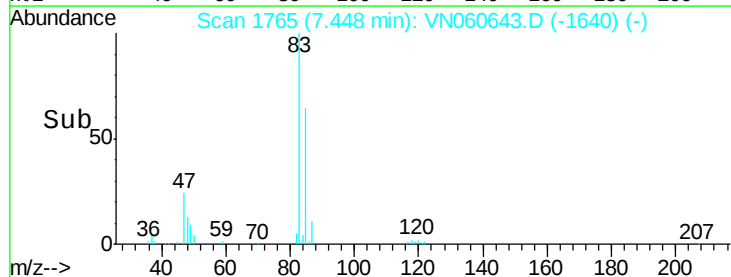
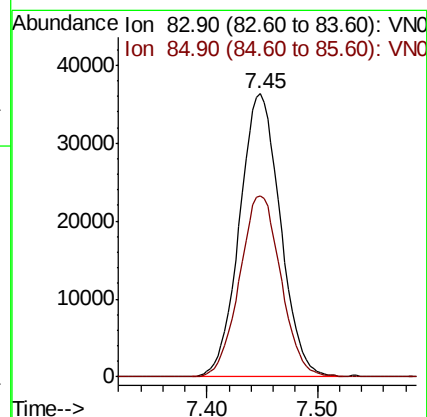
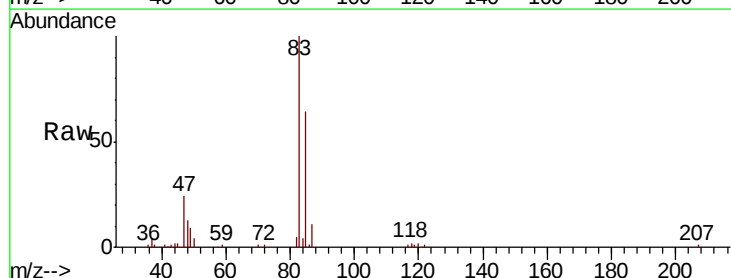
Acq: 19 Mar 2020 17:40

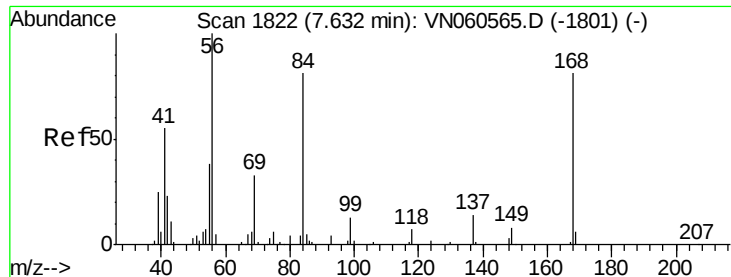
Tgt Ion: 83 Resp: 92976

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8

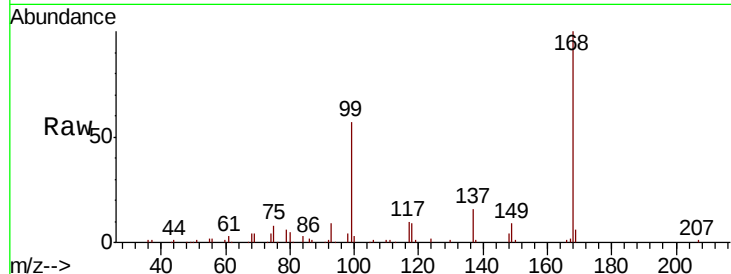




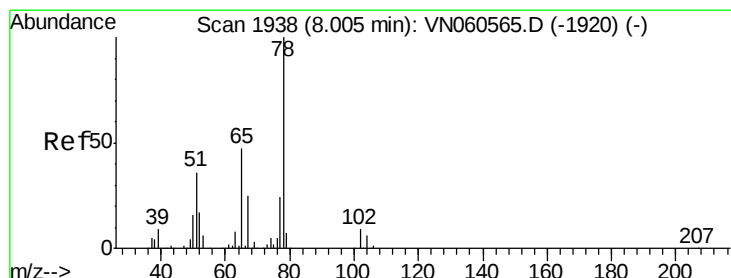
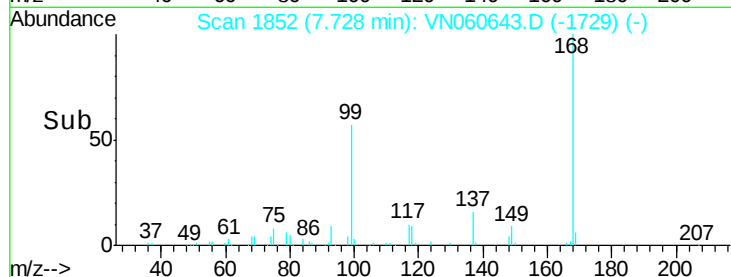
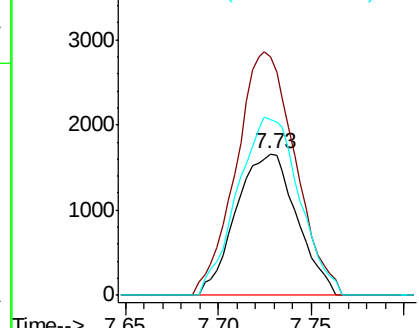
#31
Cvclohexane
Concen: 0.998 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. 0.10 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3776
Ion Ratio Lower Upper
56 100
69 168.6 26.6 40.0#
84 124.3 64.3 96.5#

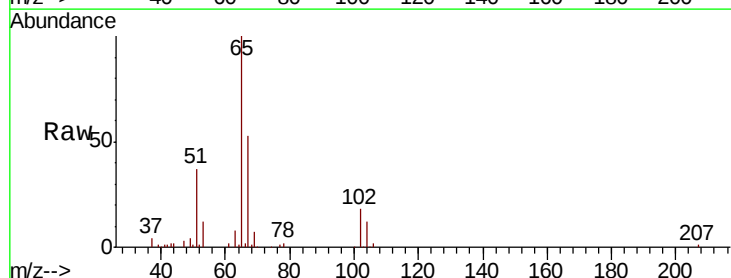


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

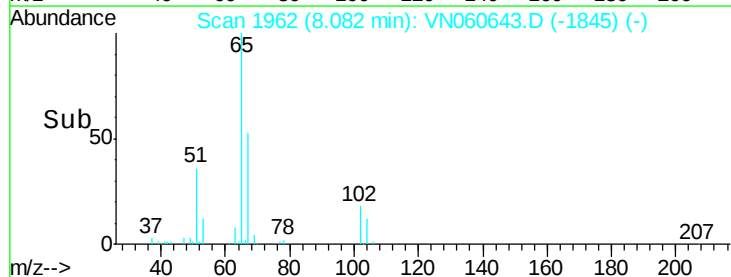
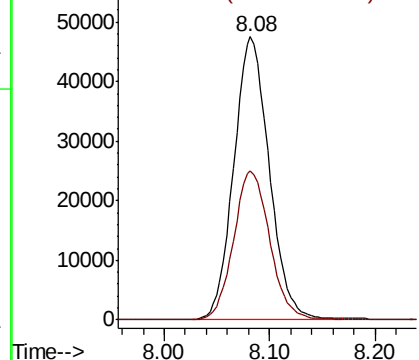


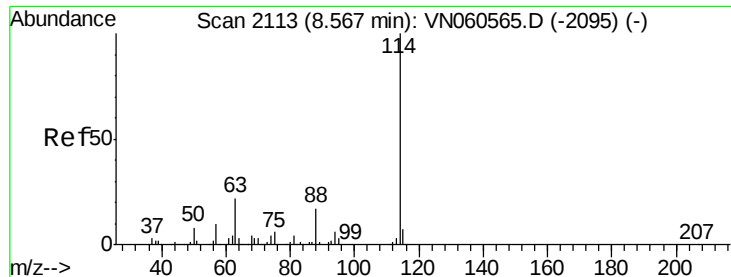
#33
1,2-Dichloroethane-d4
Concen: 47.225 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. 0.08 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion: 65 Resp: 110937
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

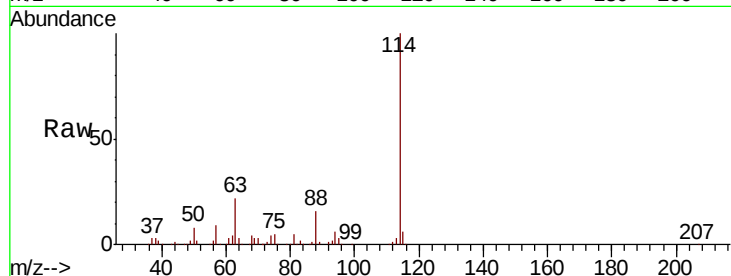




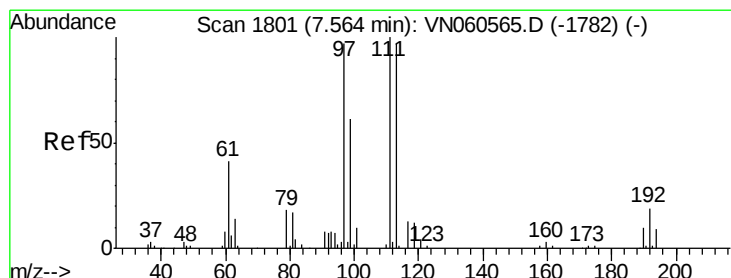
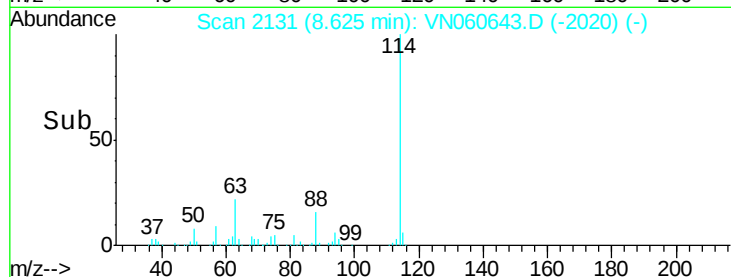
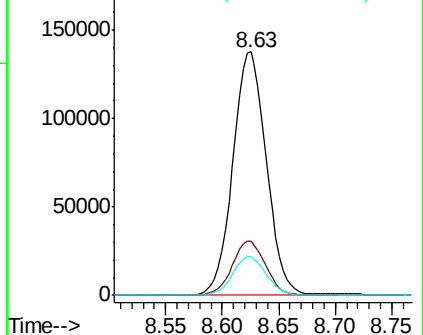
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.63 min Scan# 2131
 Delta R.T. 0.06 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.0	0.0	33.0

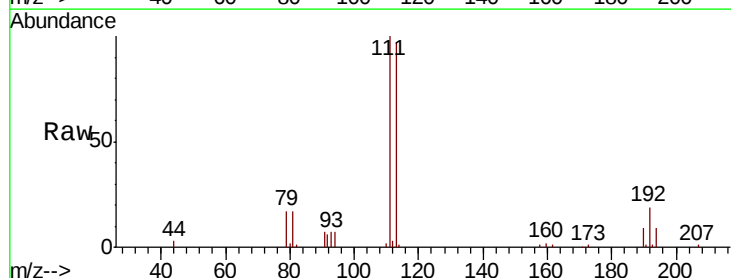


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

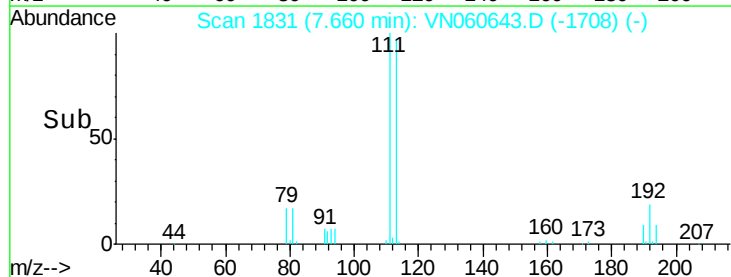
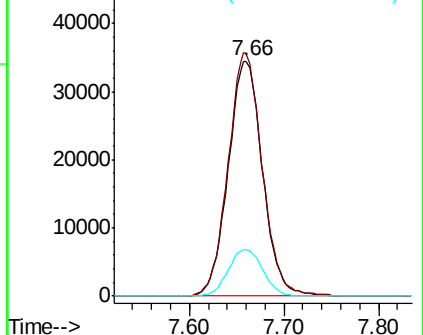


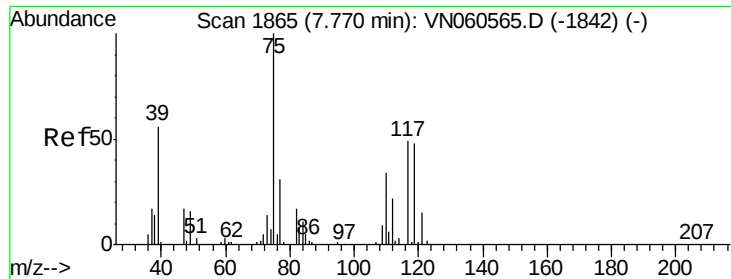
#35
 Dibromofluoromethane
 Concen: 50.576 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. 0.10 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	20.1	15.8	23.8



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: 4.983 ug/l

RT: 7.72 min Scan# 1851

Delta R.T. -0.05 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampled :

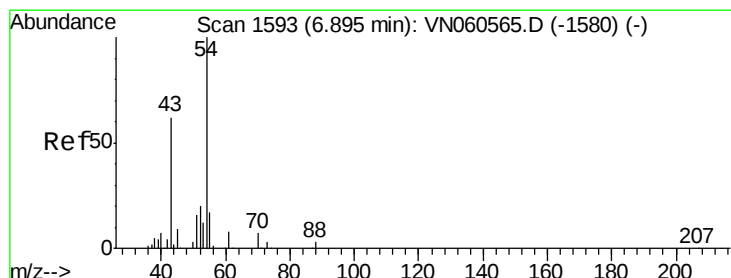
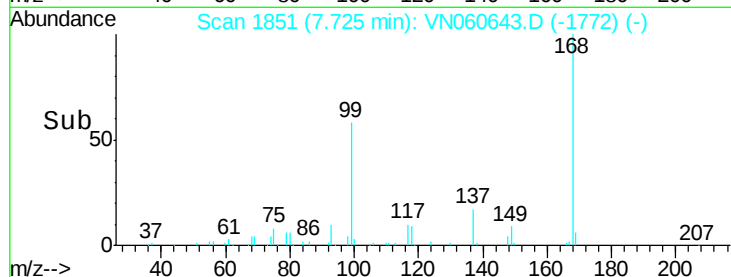
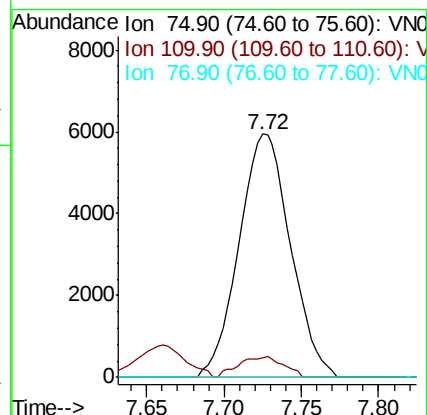
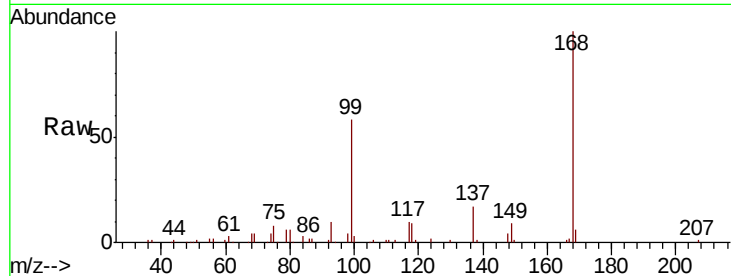
Tot Ion: 75 Resp: 13732

Ion Ratio Lower Upper

75 100

110 7.4 16.9 50.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 8.218 ug/l

RT: 6.95 min Scan# 1610

Delta R.T. 0.05 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

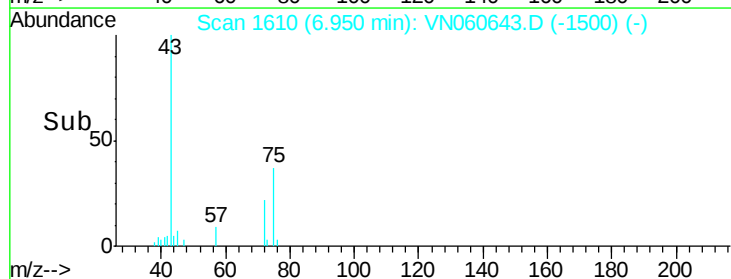
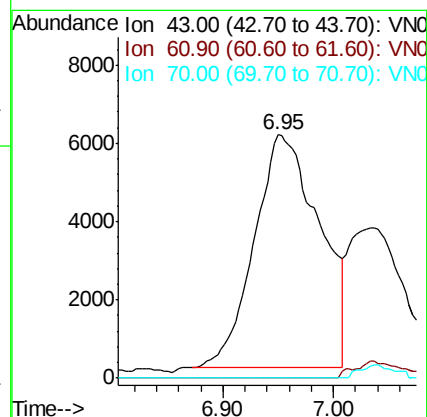
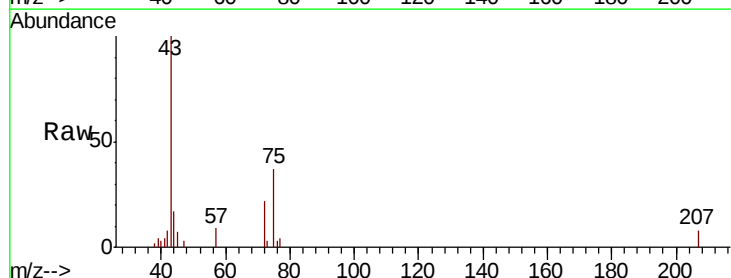
Tgt Ion: 43 Resp: 24471

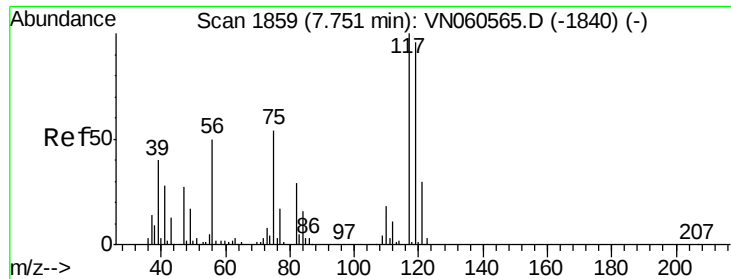
Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 7.9 11.9#

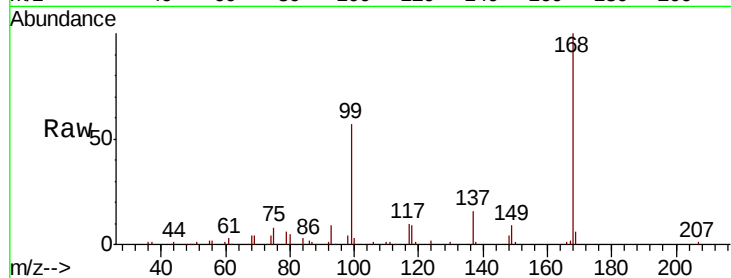




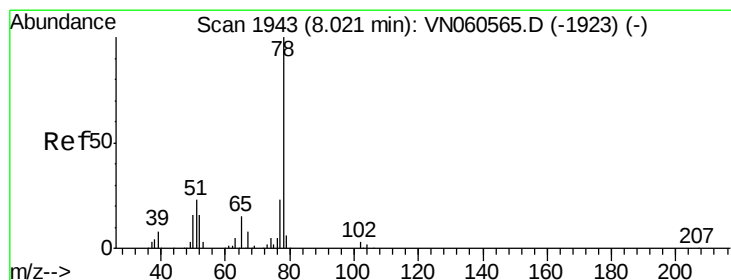
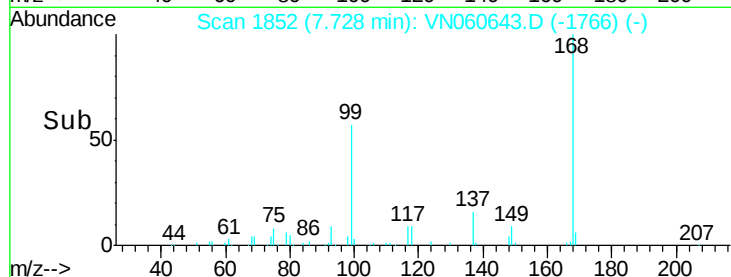
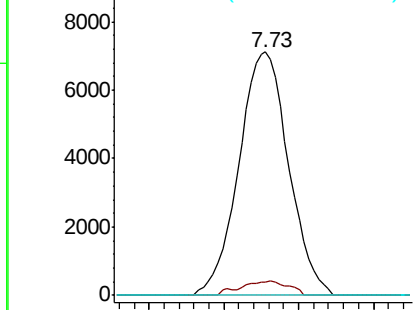
#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.02 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 16409
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 23.7 35.5#

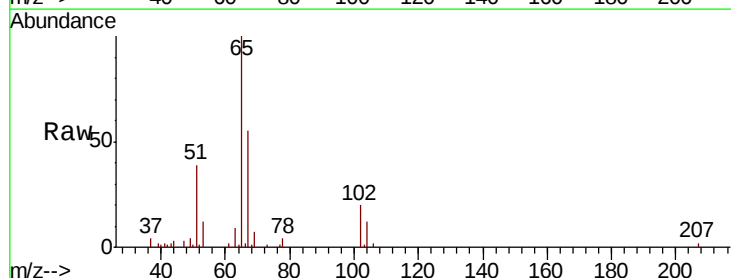


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

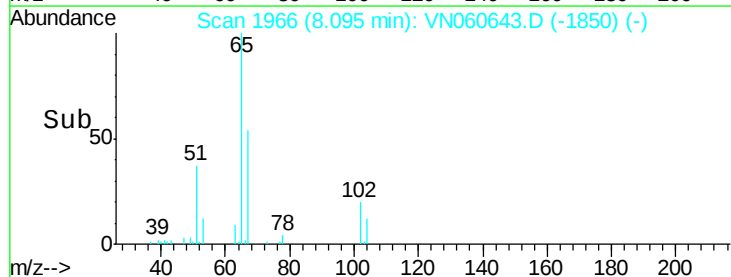
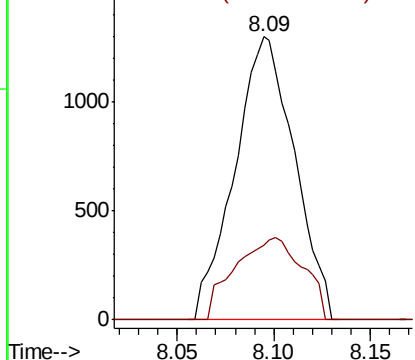


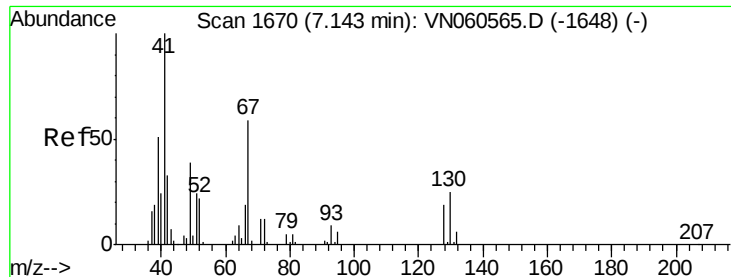
#40
Benzene
Concen: 0.335 ug/l
RT: 8.09 min Scan# 1966
Delta R.T. 0.07 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion: 78 Resp: 2791
Ion Ratio Lower Upper
78 100
77 26.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

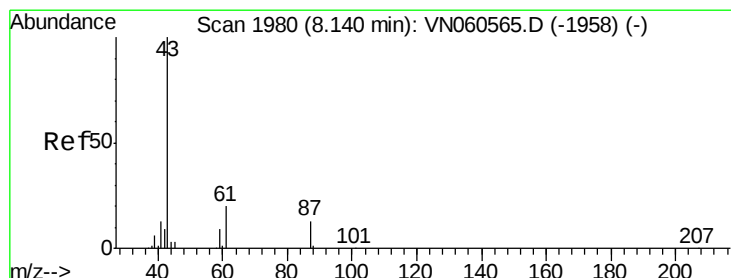
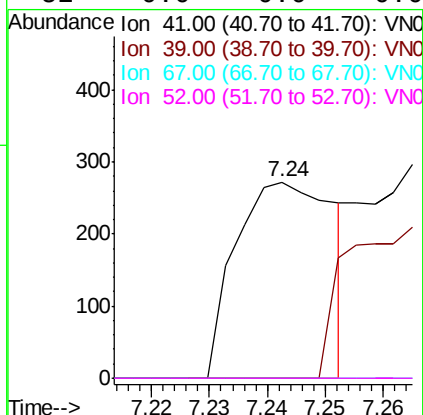
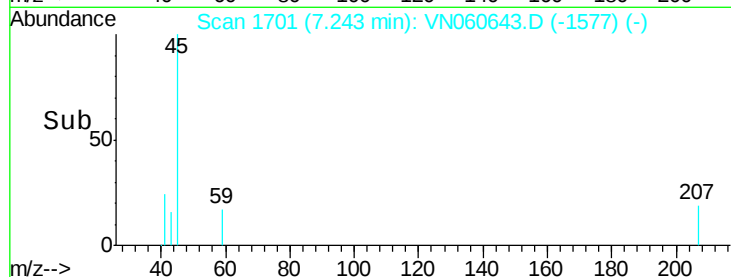
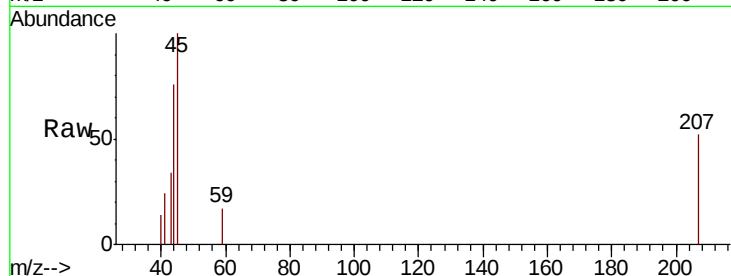




#41
Methacrylonitrile
Concen: 0.251 ug/l
RT: 7.24 min Scan# 1701
Delta R.T. 0.10 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

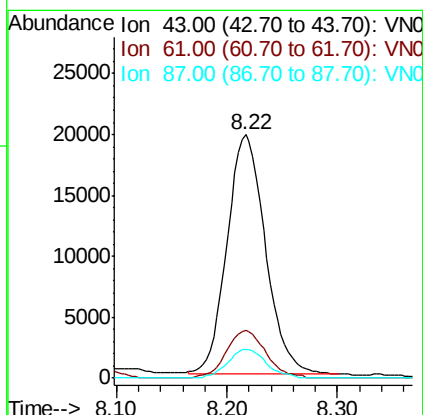
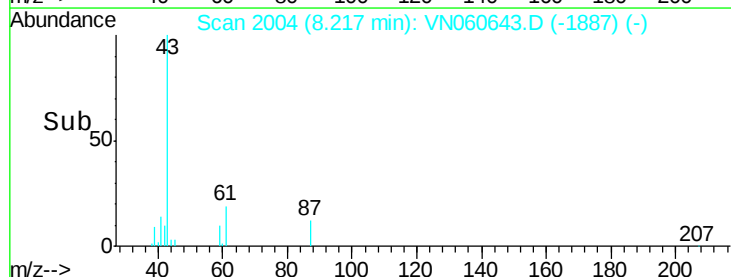
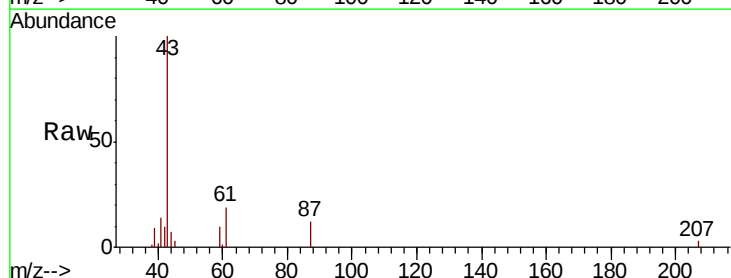
Instrument :
MSVOA_N
ClientSampleId :

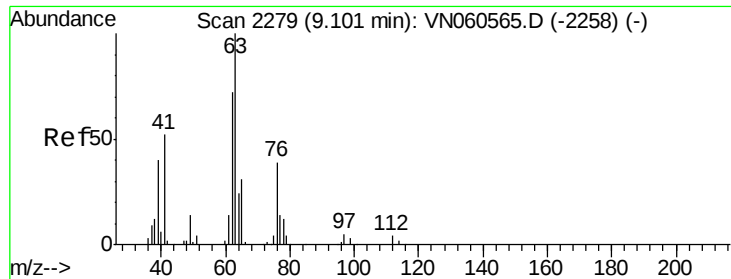
Tot Ion:	41	Resp:	319
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 9.715 ug/l
RT: 8.22 min Scan# 2004
Delta R.T. 0.08 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion:	43	Resp:	47711
Ion	Ratio	Lower	Upper
43	100		
61	20.4	20.7	31.1#
87	12.0	9.8	14.8

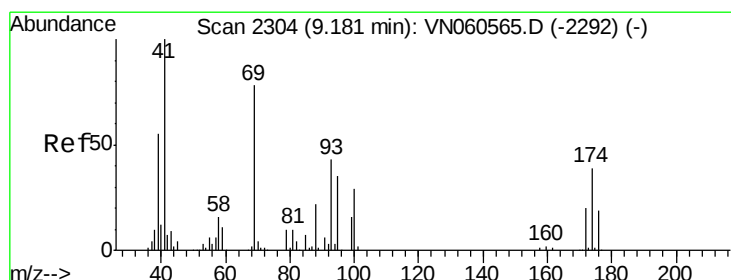
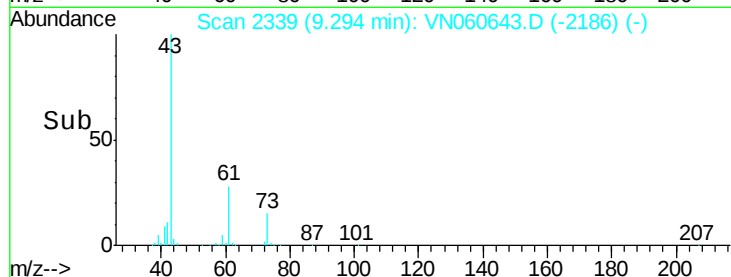
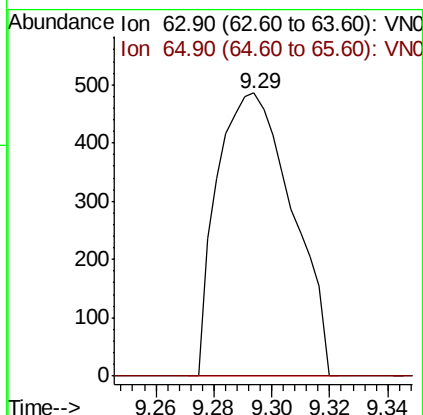
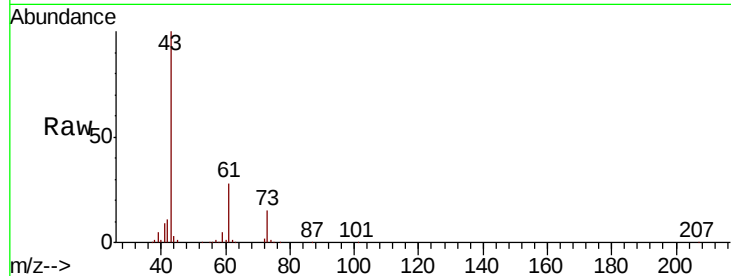




#45
 1,2-Dichloropropane
 Concen: 0.397 ug/l
 RT: 9.29 min Scan# 2339
 Delta R.T. 0.19 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

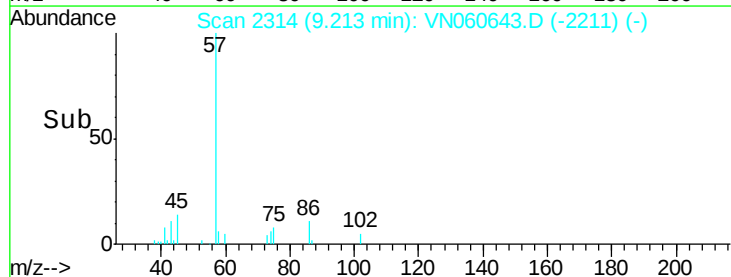
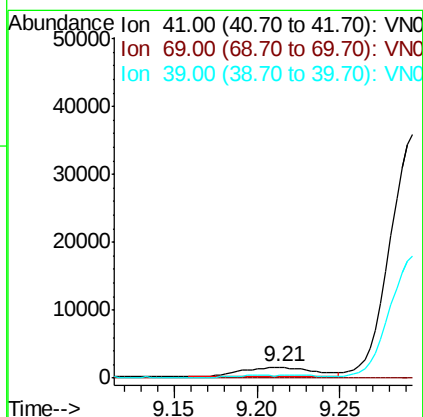
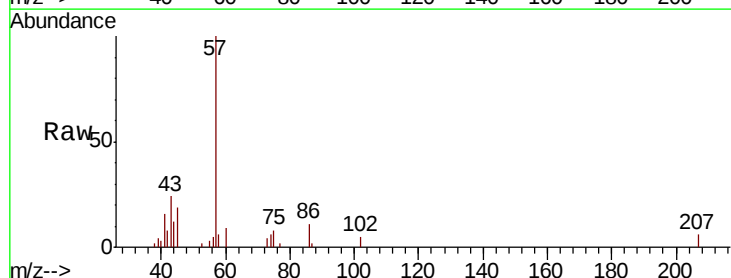
Instrument :
 MSVOA_N
 ClientSampled :

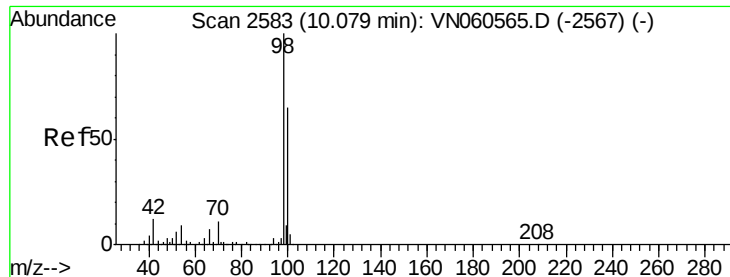
Tot Ion: 63 Resp: 871
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.0#



#48
 Methyl methacrylate
 Concen: 1.838 ug/l
 RT: 9.21 min Scan# 2314
 Delta R.T. 0.03 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Tgt Ion: 41 Resp: 4018
 Ion Ratio Lower Upper
 41 100
 69 0.0 65.4 98.0#
 39 0.0 44.0 66.0#





#50

Toluene-d8

Concen: 50.595 ug/l

RT: 10.10 min Scan# 2591

Delta R.T. 0.03 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

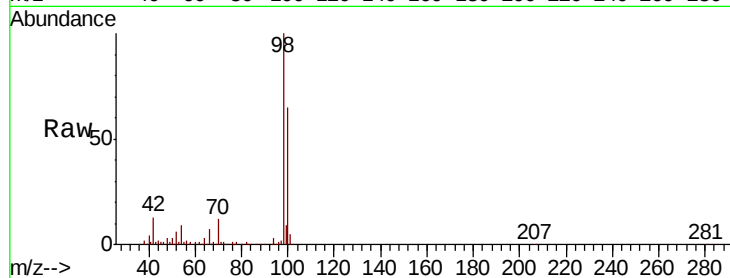
ClientSampleId :

Tot Ion: 98 Resp: 355660

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060643.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060643.D (-2567) (-)

10.10

200000

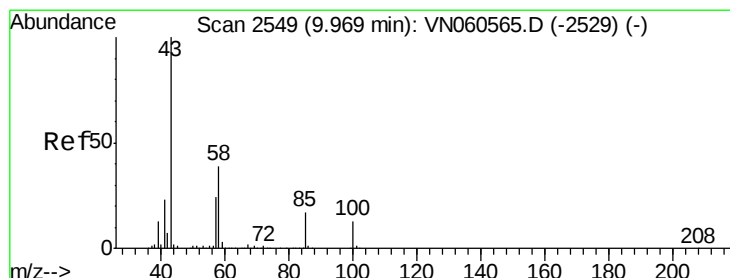
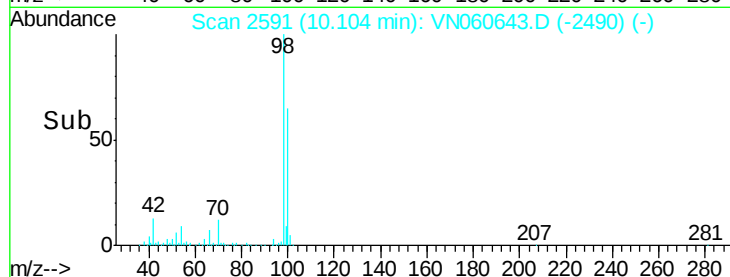
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 50.182 ug/l

RT: 10.00 min Scan# 2559

Delta R.T. 0.03 min

Lab File: VN060643.D

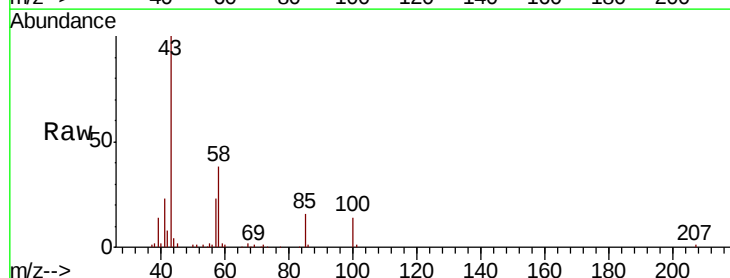
Acq: 19 Mar 2020 17:40

Tgt Ion: 43 Resp: 140242

Ion Ratio Lower Upper

43 100

58 38.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060643.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060643.D (-2456) (-)

10.00

80000

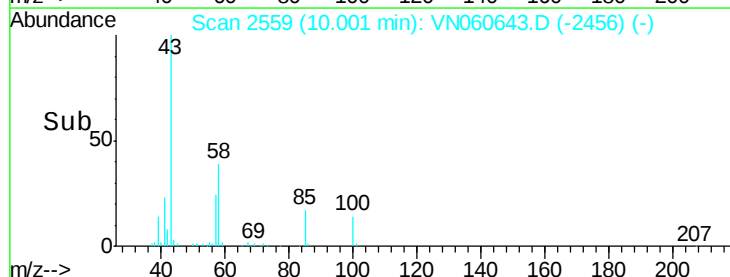
60000

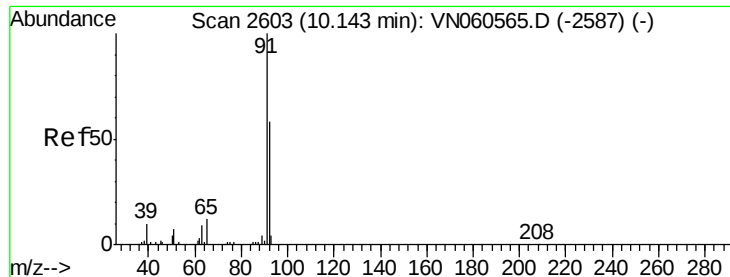
40000

20000

0

Time-->





#52

Toluene

Concen: 0.787 ug/l

RT: 10.17 min Scan# 2611

Delta R.T. 0.03 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

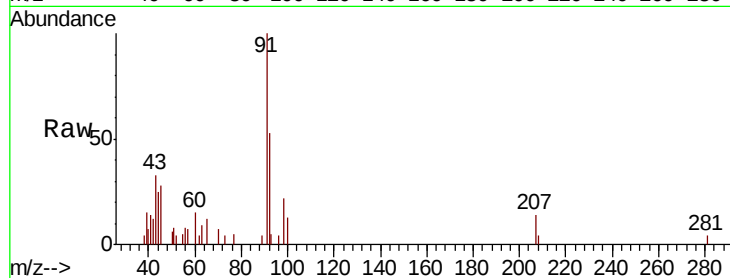
ClientSampleId :

Tot Ion: 92 Resp: 3954

Ion Ratio Lower Upper

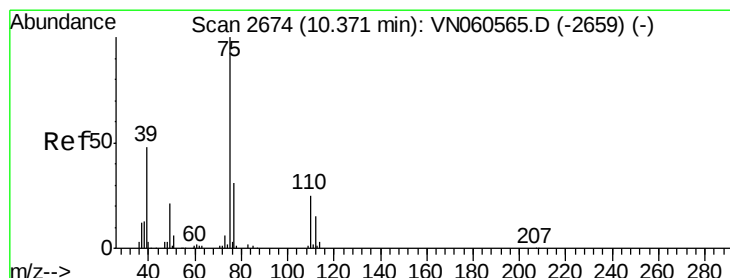
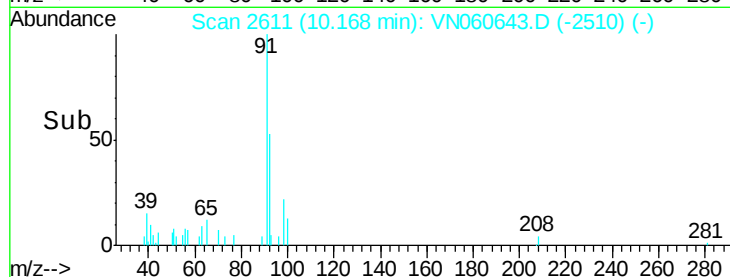
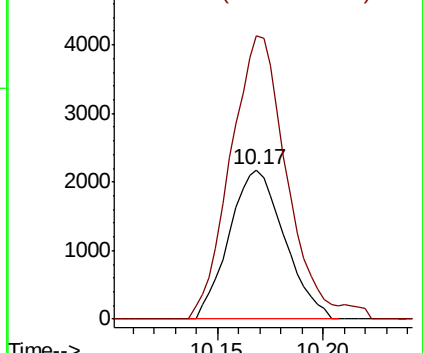
92 100

91 194.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.218 ug/l

RT: 10.35 min Scan# 2666

Delta R.T. -0.03 min

Lab File: VN060643.D

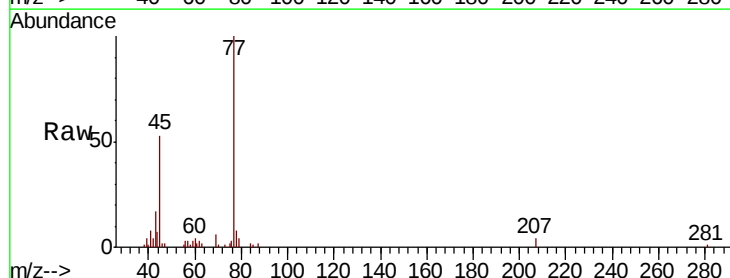
Acq: 19 Mar 2020 17:40

Tgt Ion: 75 Resp: 692

Ion Ratio Lower Upper

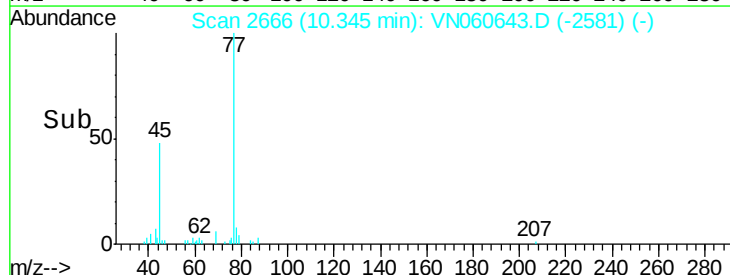
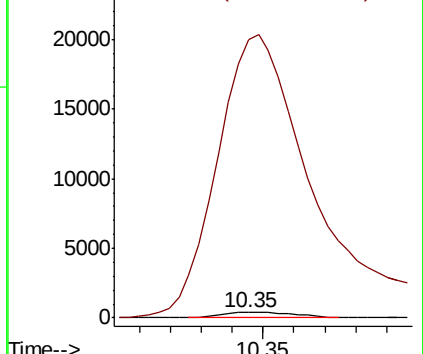
75 100

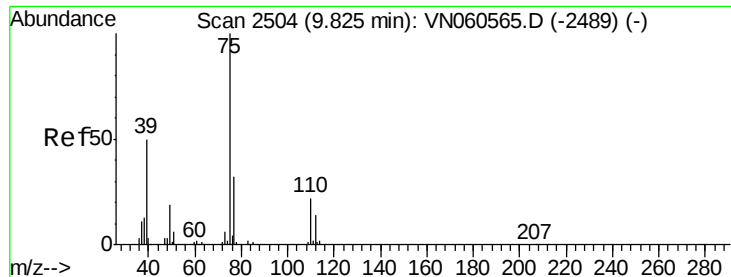
77 4266.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



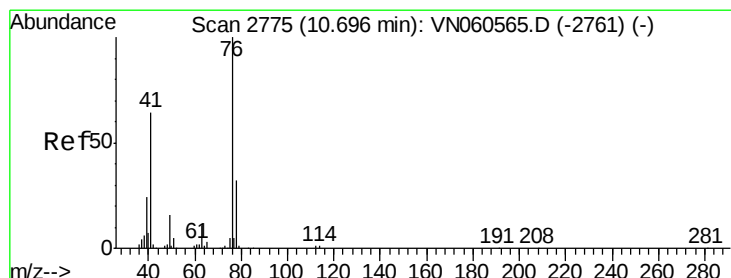
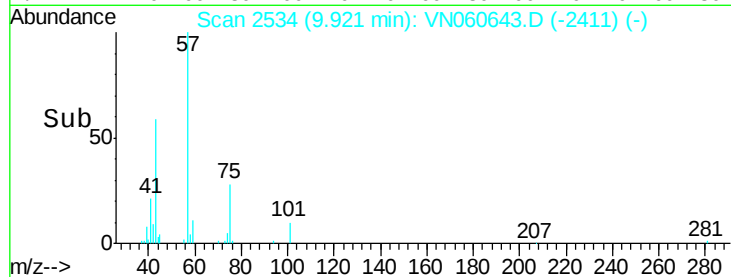
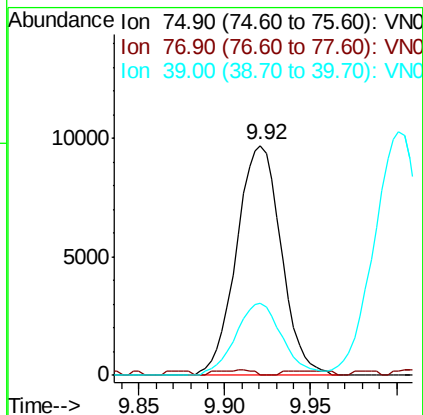
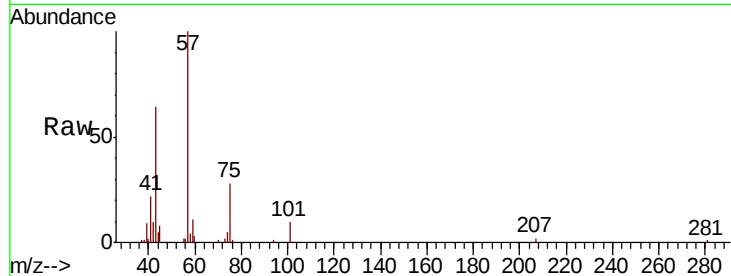


#54

cis-1,3-Dichloropropene
 Concen: 5.013 ug/l
 RT: 9.92 min Scan# 2534
 Delta R.T. 0.10 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Instrument :
 MSVOA_N
 ClientSampled :

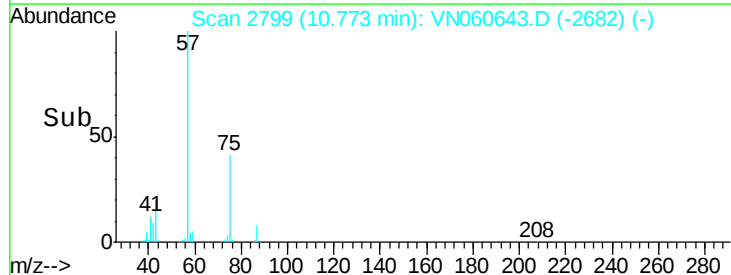
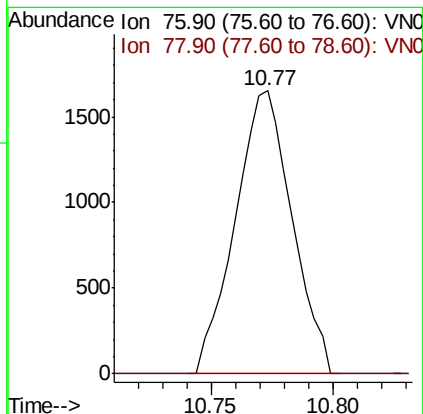
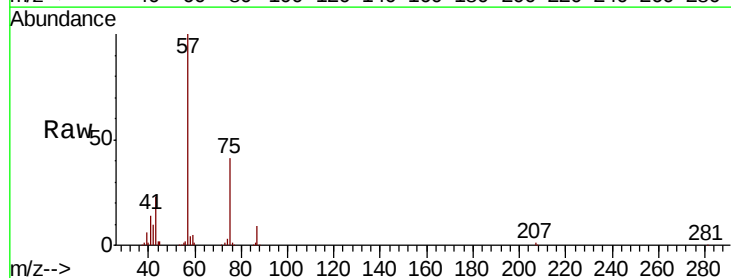
Tot Ion: 75 Resp: 17423
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 31.4 40.2 60.4#

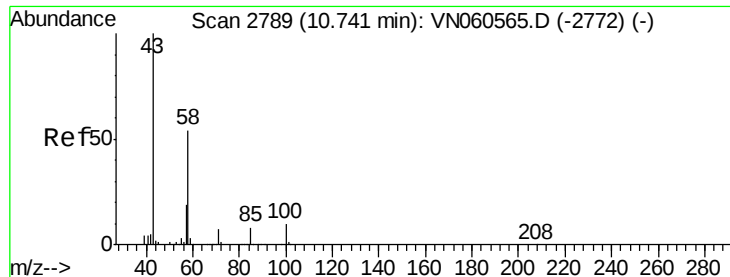


#57

1,3-Dichloropropane
 Concen: 0.794 ug/l
 RT: 10.77 min Scan# 2799
 Delta R.T. 0.08 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Tgt Ion: 76 Resp: 2665
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#





#59

2-Hexanone

Concen: 20.922 ug/l

RT: 10.77 min Scan# 2799

Delta R.T. 0.03 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

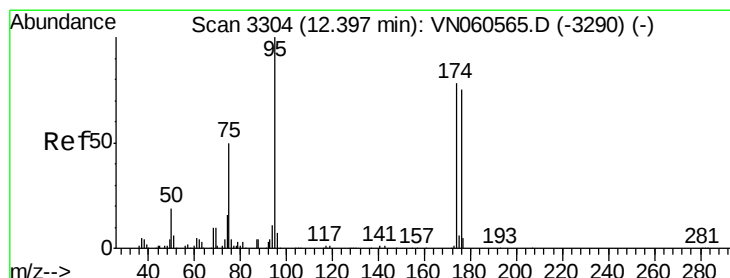
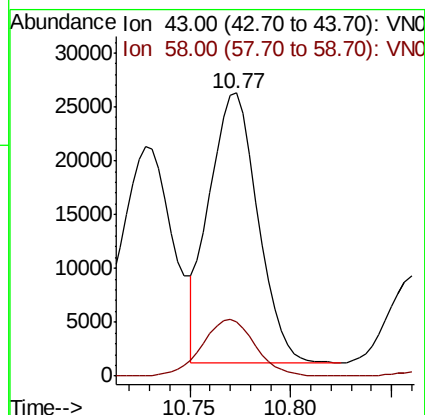
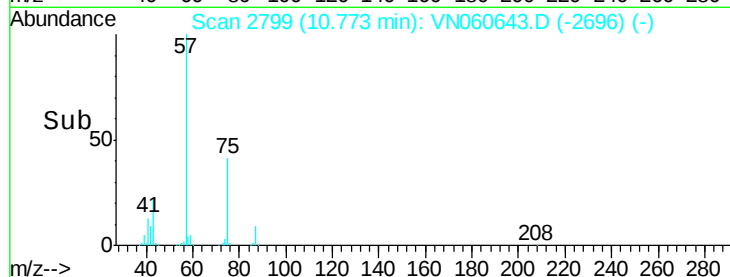
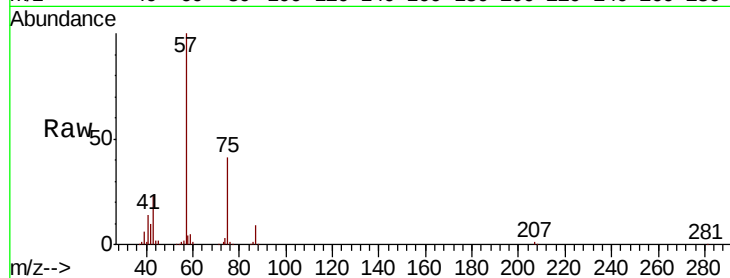
ClientSampleId :

Tot Ion: 43 Resp: 42119

Ion Ratio Lower Upper

43 100

58 22.9 26.7 80.1#



#62

4-Bromofluorobenzene

Concen: 51.284 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.01 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

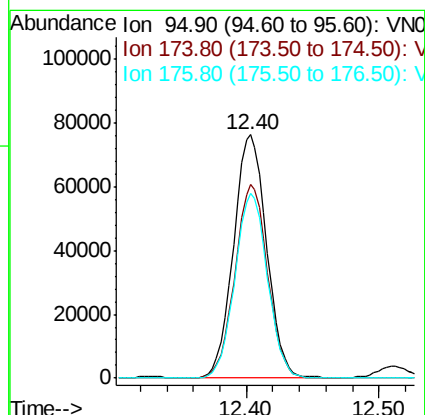
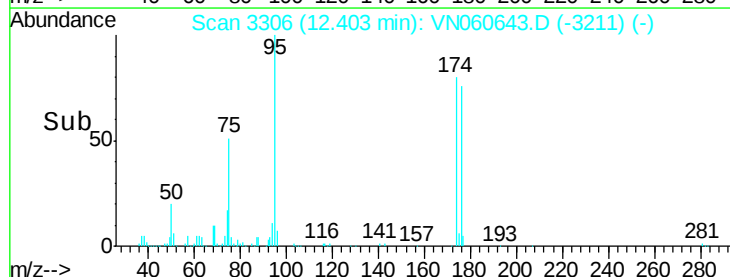
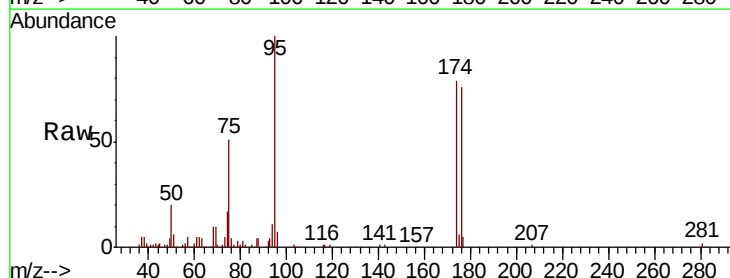
Tgt Ion: 95 Resp: 132121

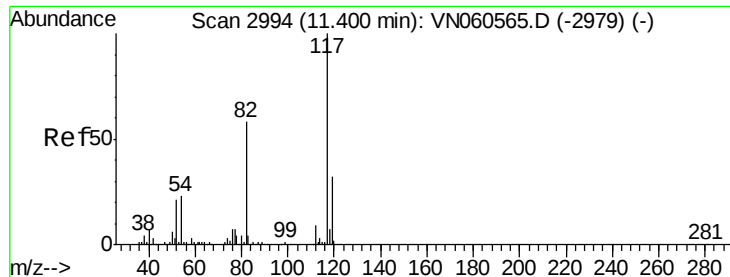
Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

176 74.6 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2998

Delta R.T. 0.01 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampleId :

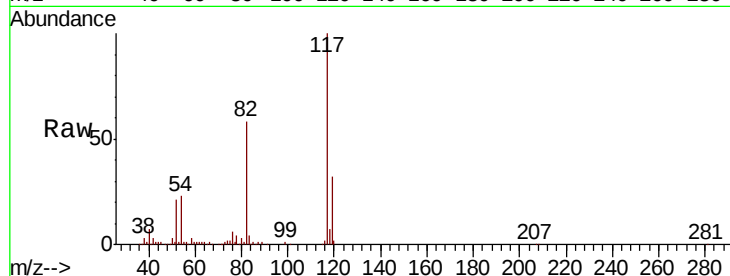
Tot Ion:117 Resp: 267157

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

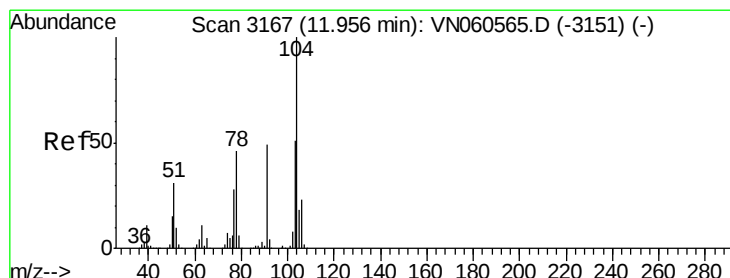
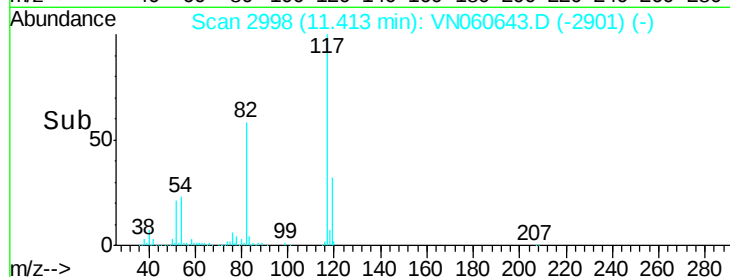
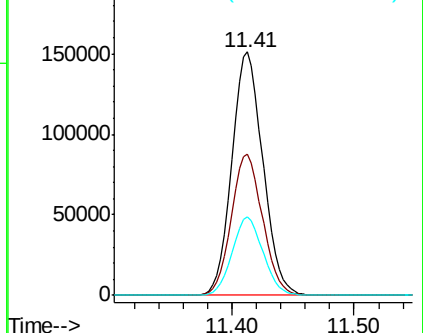
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#70

Styrene

Concen: 0.439 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.01 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

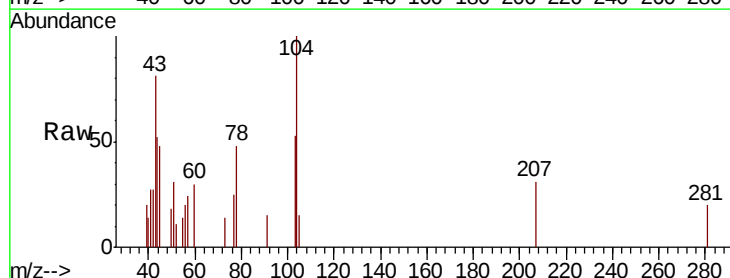
Tgt Ion:104 Resp: 2508

Ion Ratio Lower Upper

104 100

78 45.4 41.2 61.8

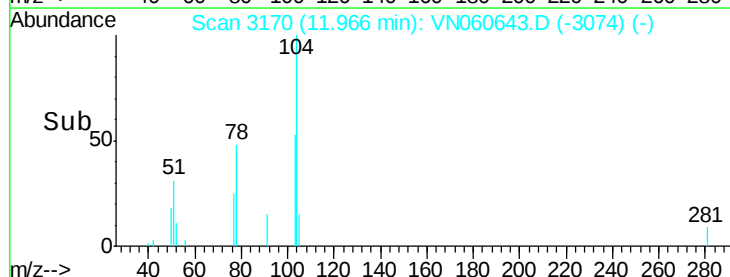
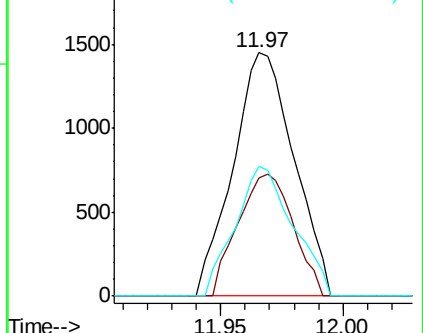
103 50.6 44.0 66.0

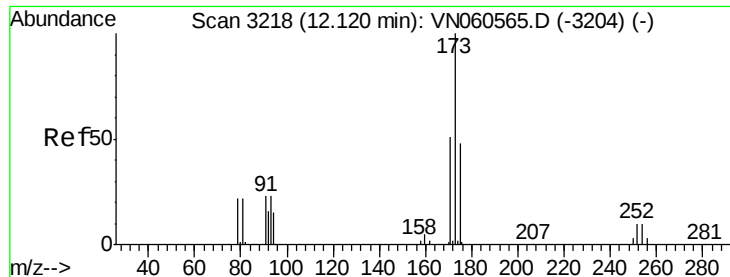


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 1.699 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.26 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampled :

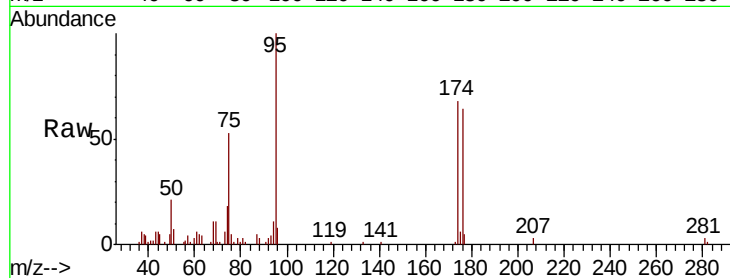
Tot Ion:173 Resp: 31

Ion Ratio Lower Upper

173 100

175 16771.0 24.1 72.4#

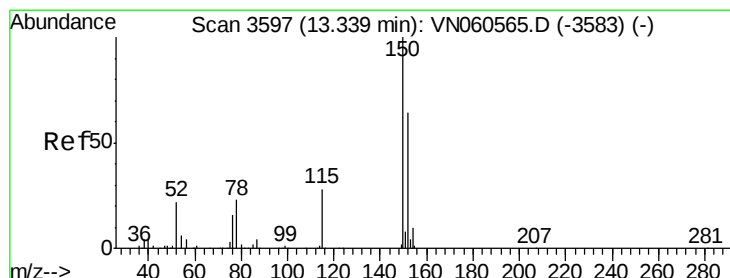
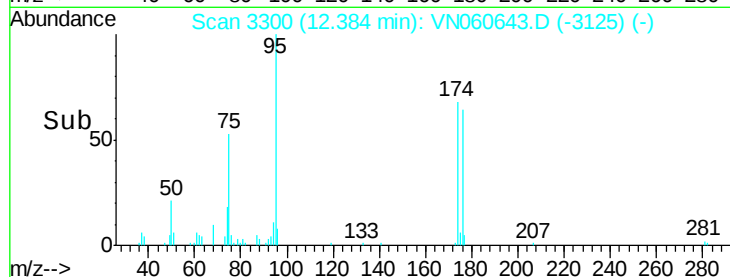
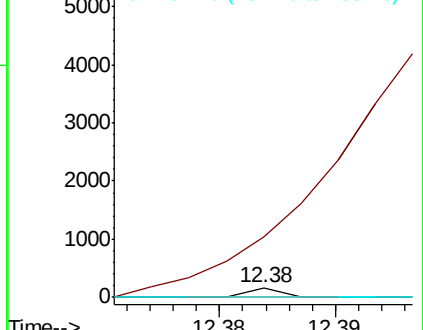
254 0.0 0.0 0.0



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# 3598

Delta R.T. 0.00 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

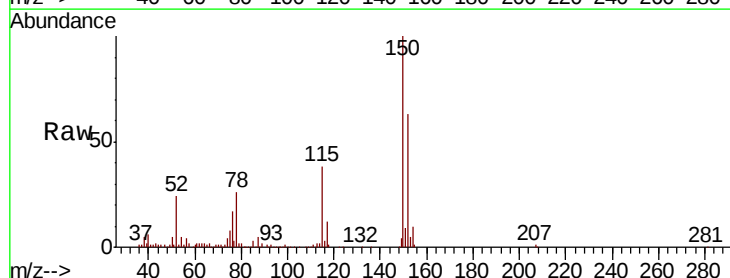
Tgt Ion:152 Resp: 124173

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

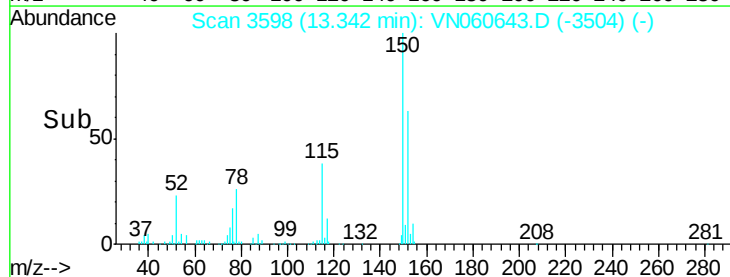
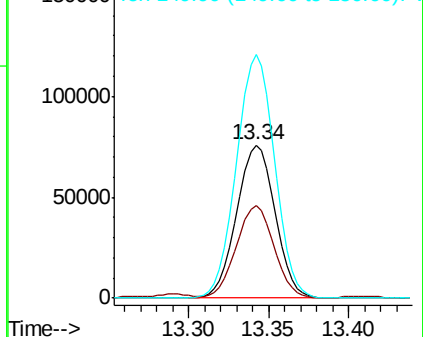
150 158.2 0.0 350.2

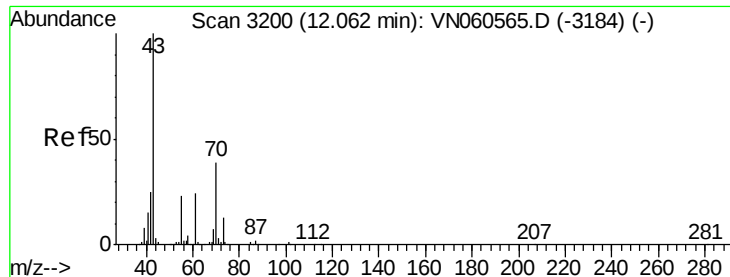


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 1.602 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6899

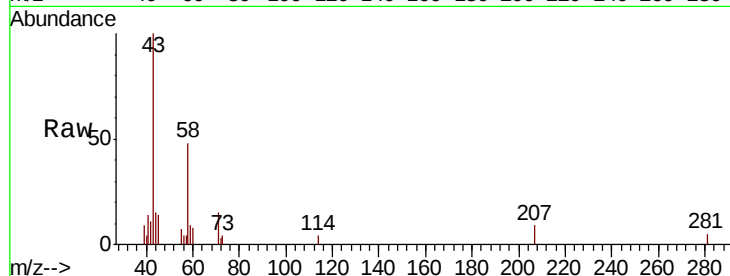
Ion Ratio Lower Upper

43 100

70 0.0 31.1 46.7#

55 0.0 18.6 27.8#

61 0.0 18.9 28.3#

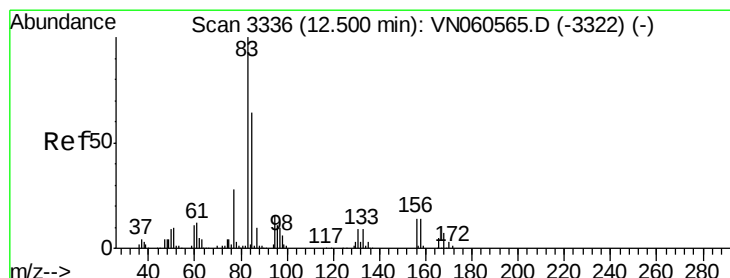
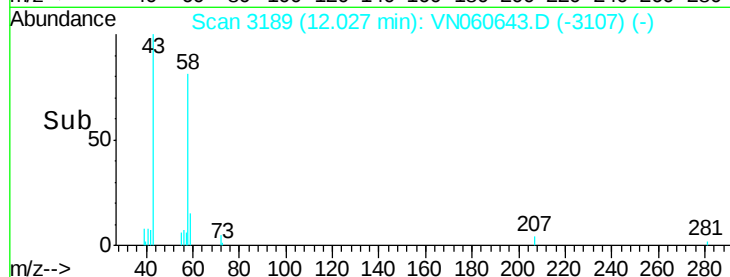
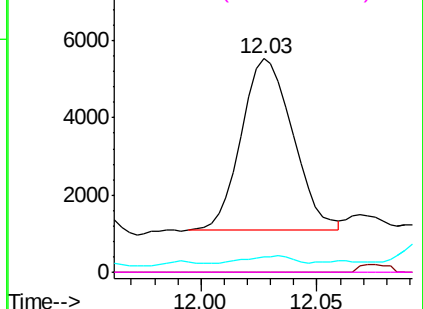


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.793 ug/l

RT: 12.44 min Scan# 3318

Delta R.T. -0.06 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

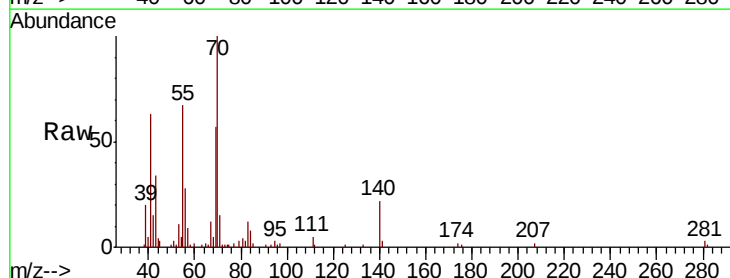
Tgt Ion: 83 Resp: 5054

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

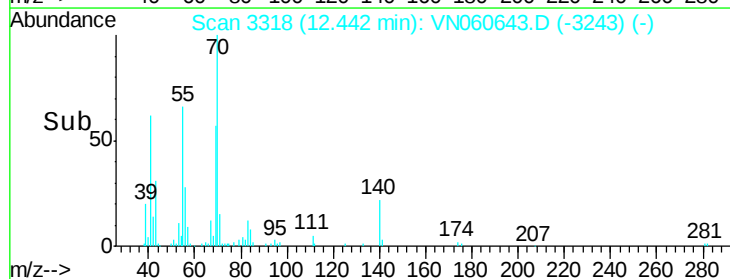
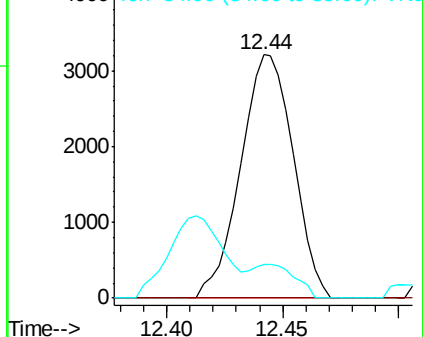
85 10.6 32.5 97.4#

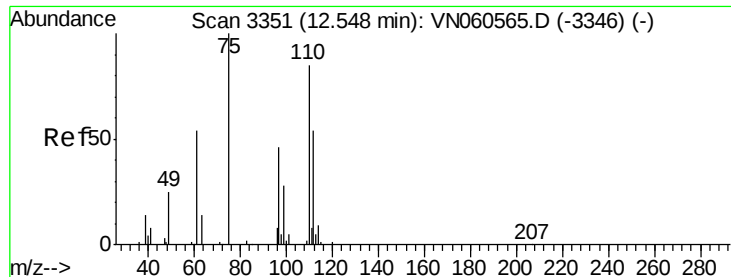


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 24.594 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.14 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

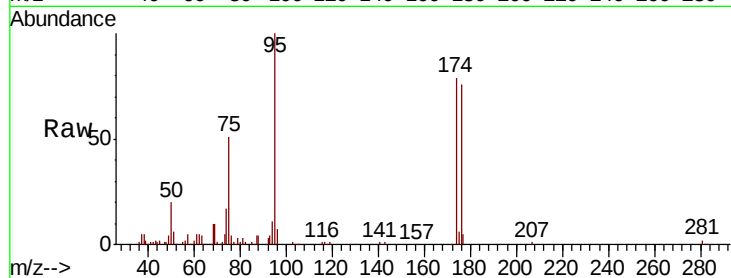
ClientSampled :

Tot Ion: 75 Resp: 65898

Ion Ratio Lower Upper

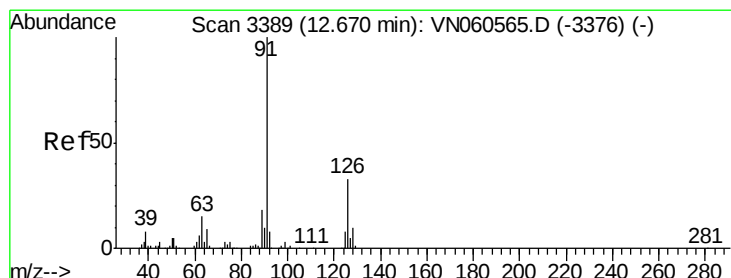
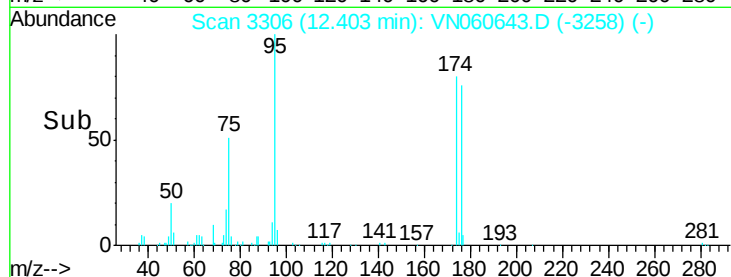
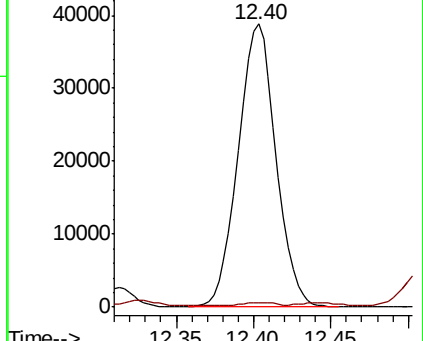
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: 0.233 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.01 min

Lab File: VN060643.D

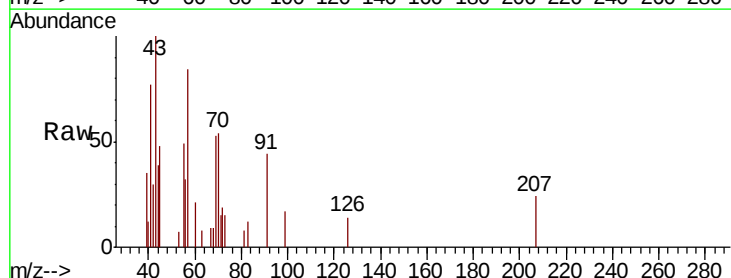
Acq: 19 Mar 2020 17:40

Tgt Ion: 91 Resp: 1530

Ion Ratio Lower Upper

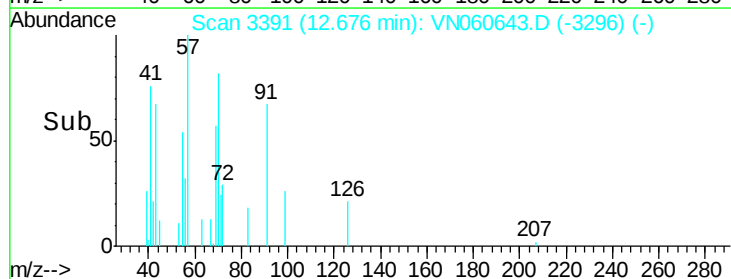
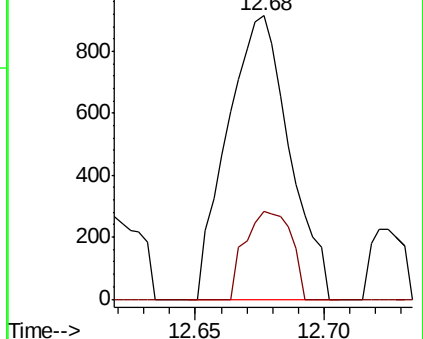
91 100

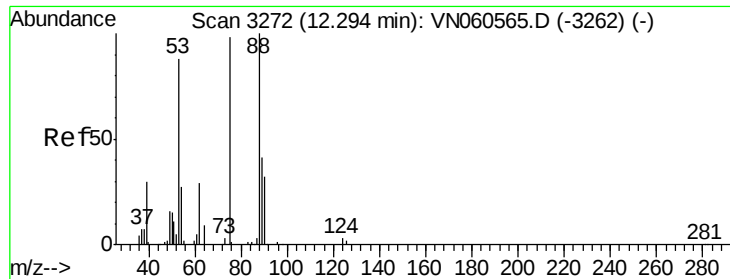
126 22.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.092 ug/l

RT: 12.31 min Scan# 3278

Delta R.T. 0.02 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampled :

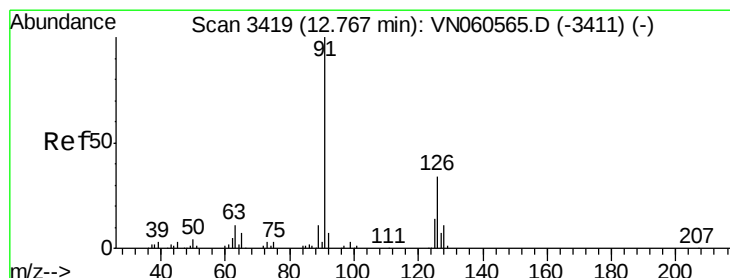
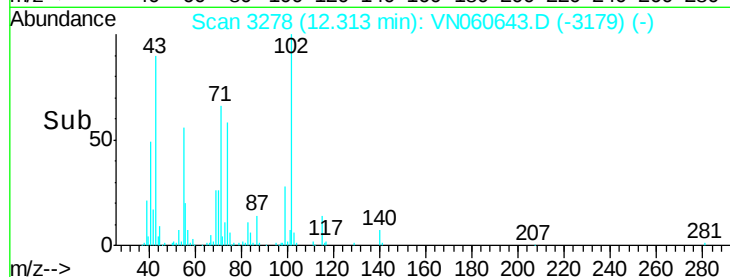
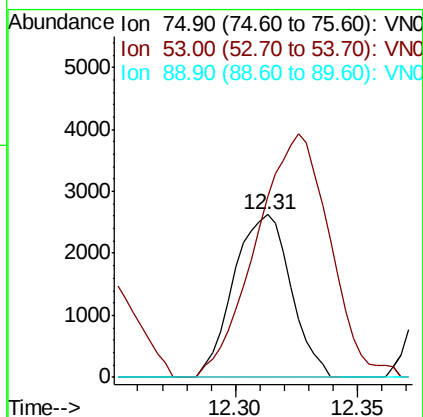
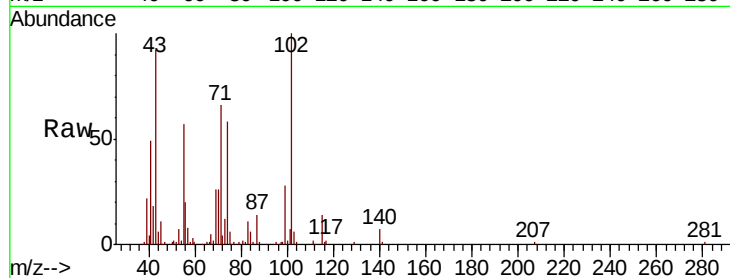
Tot Ion: 75 Resp: 4269

Ion Ratio Lower Upper

75 100

53 192.0 73.0 109.4#

89 0.0 34.8 52.2#



#82

4-Chlorotoluene

Concen: 0.228 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.09 min

Lab File: VN060643.D

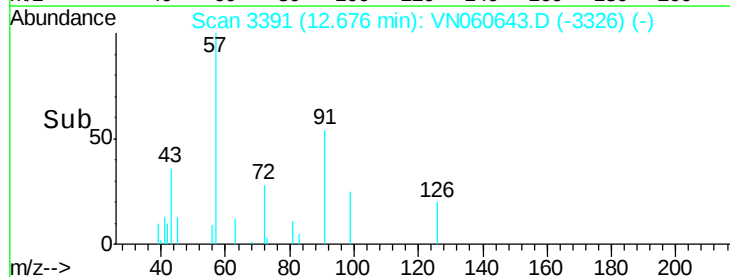
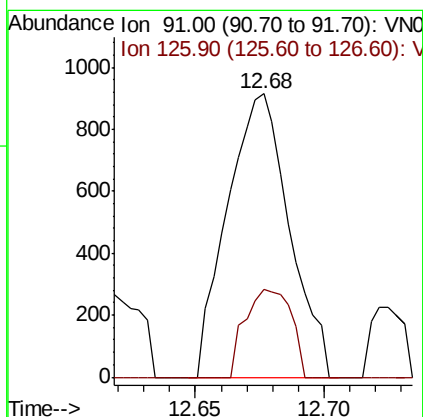
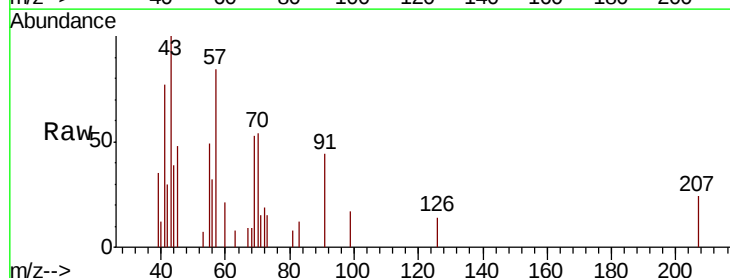
Acq: 19 Mar 2020 17:40

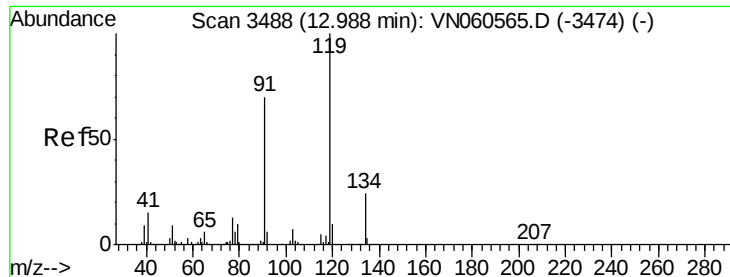
Tgt Ion: 91 Resp: 1530

Ion Ratio Lower Upper

91 100

126 22.9 16.2 48.5

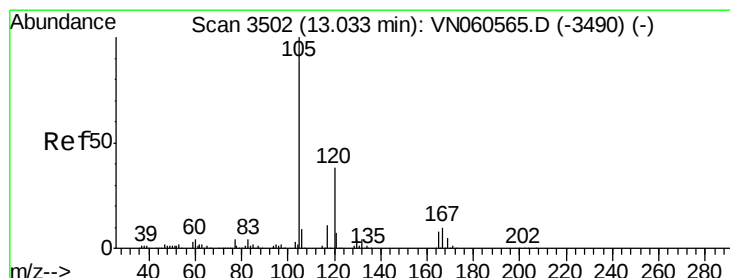
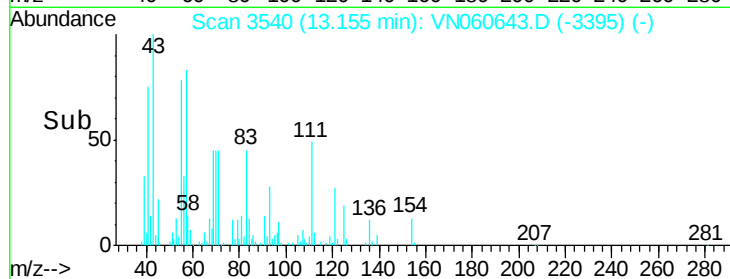
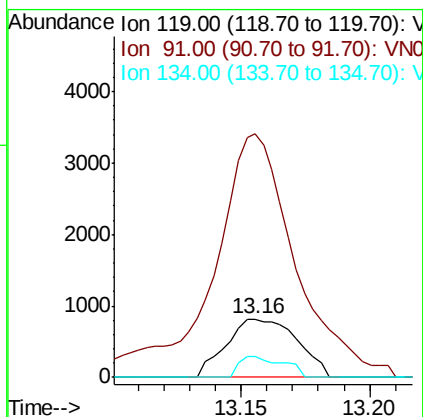
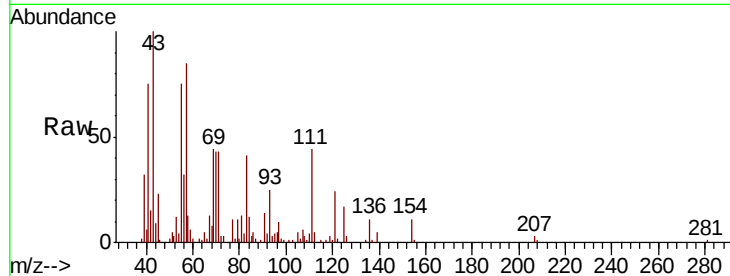




#83
 tert-Butylbenzene
 Concen: 0.239 ug/l
 RT: 13.16 min Scan# 3540
 Delta R.T. 0.17 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

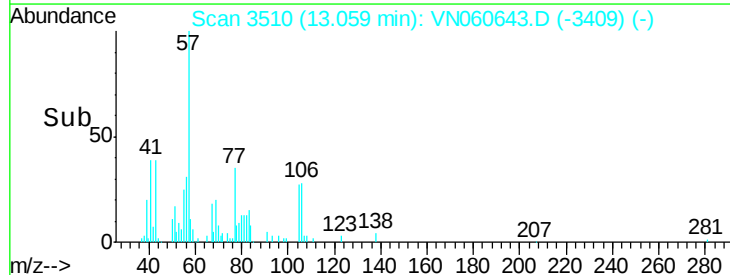
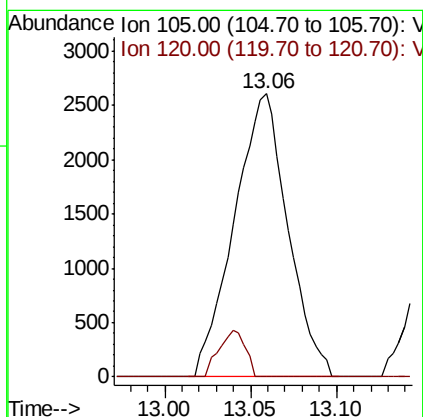
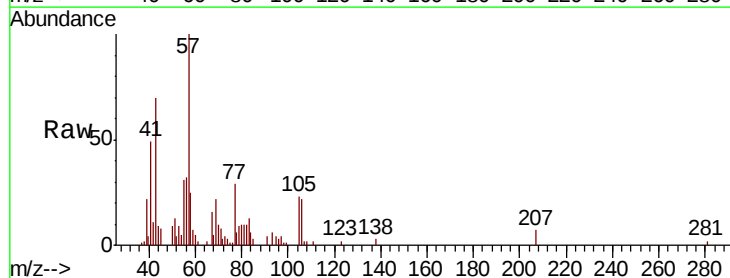
Instrument :
 MSVOA_N
 ClientSampleId :

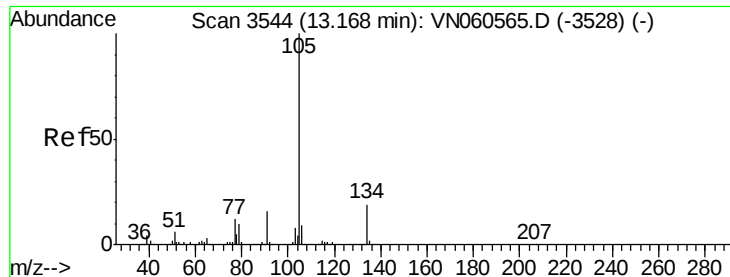
Tot Ion:119 Resp: 1568
 Ion Ratio Lower Upper
 119 100
 91 484.6 34.0 101.8#
 134 22.3 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.722 ug/l
 RT: 13.06 min Scan# 3510
 Delta R.T. 0.03 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Tgt Ion:105 Resp: 5648
 Ion Ratio Lower Upper
 105 100
 120 8.1 22.1 66.5#





#85

sec-Butylbenzene

Concen: 0.304 ug/l

RT: 13.16 min Scan# 3540

Delta R.T. -0.01 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

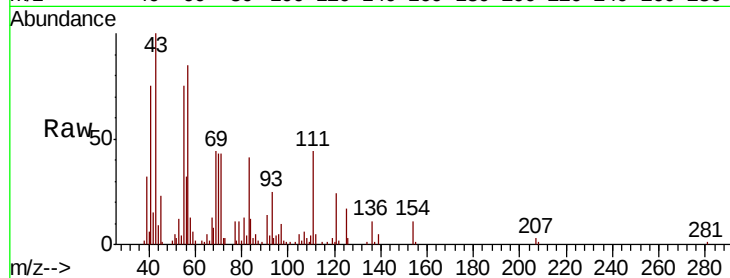
ClientSampled :

Tot Ion:105 Resp: 2676

Ion Ratio Lower Upper

105 100

134 13.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.16

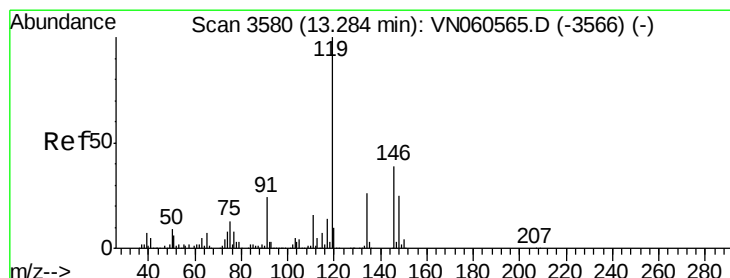
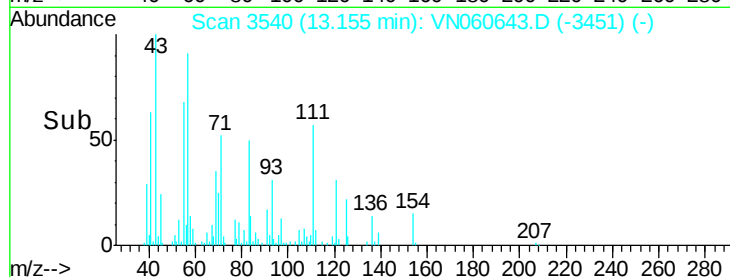
1500

1000

500

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 5.576 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.01 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

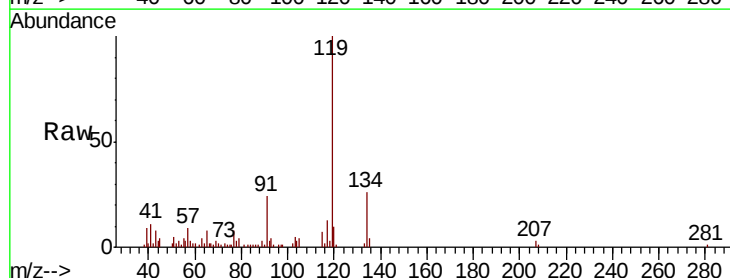
Tgt Ion:119 Resp: 44204

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 18.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

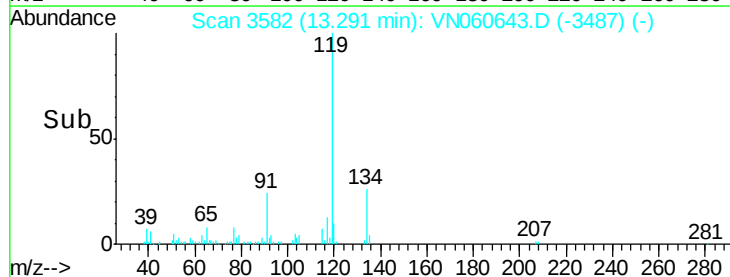
30000

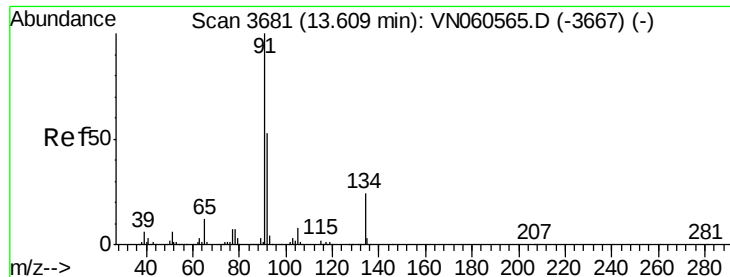
20000

10000

0

Time--> 13.20 13.30

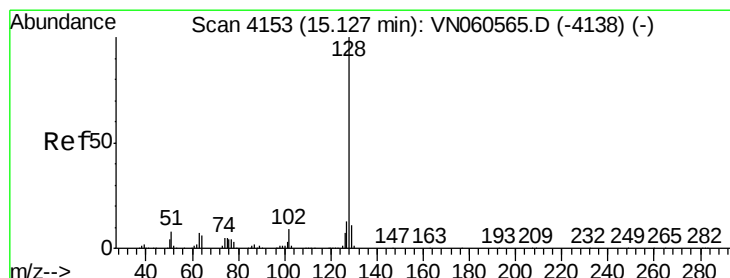
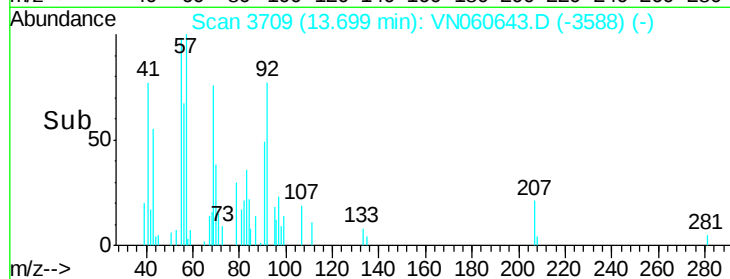
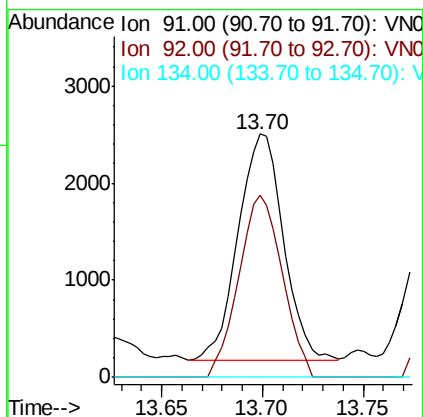
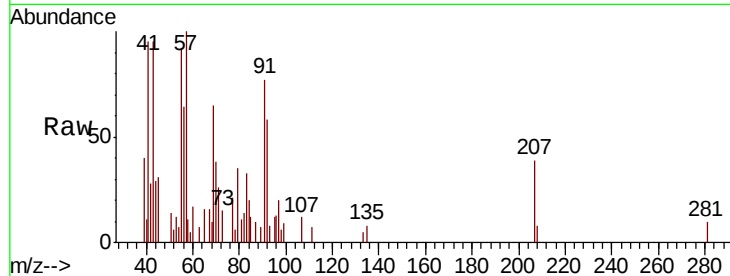




#89
n-Butylbenzene
Concen: 0.510 ug/l
RT: 13.70 min Scan# 3709
Delta R.T. 0.09 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 3647
Ion Ratio Lower Upper
91 100
92 78.0 26.2 78.5
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 0.364 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion: 128 Resp: 2547
Ion Ratio Lower Upper
128 100
127 8.2 10.2 15.2#
129 8.8 8.8 13.2#

