

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058760.D
 Acq On : 14 Oct 2019 19:30
 Operator : JC/SP
 Sample : K5148-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 15 03:15:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247992	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	307278	57.76	ug/l	0.00
Spiked Amount			Recovery	=	115.52%	
35) Dibromofluoromethane	7.57	113	219576	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.08	98	830323	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.41	95	275045	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	

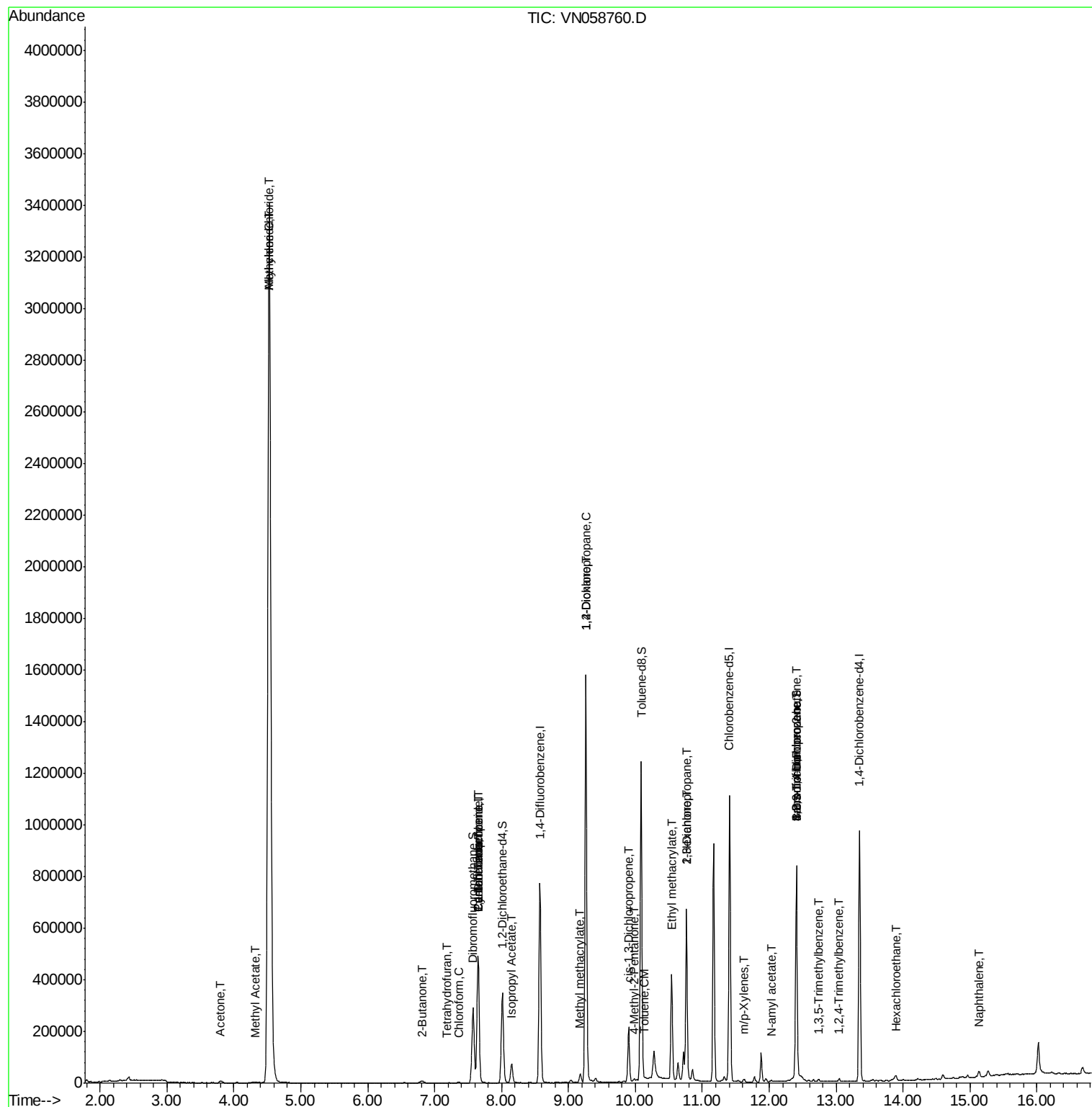
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.53	41	92216	12.522	ug/l #	23
16) Acetone	3.80	43	13269	6.025	ug/l	99
18) Methyl Acetate	4.32	43	3336	0.597	ug/l #	89
20) Methylene Chloride	4.53	84	2541599	552.170	ug/l	99
25) 2-Butanone	6.82	43	3171	0.996	ug/l #	84
29) Tetrahydrofuran	7.20	42	467	0.227	ug/l #	35
30) Chloroform	7.36	83	2675	0.326	ug/l	89
31) Cyclohexane	7.65	56	9152	1.173	ug/l #	13
36) 1,1-Dichloropropene	7.65	75	32524	4.886	ug/l #	51
38) Carbon Tetrachloride	7.65	117	39034	6.017	ug/l #	16
43) Isopropyl Acetate	8.15	43	88282	7.698	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	1688	0.330	ug/l #	45
48) Methyl methacrylate	9.17	41	5237	1.007	ug/l #	14
49) 1,4-Dioxane	9.26	88	101	1.256	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6211	0.964	ug/l	93
52) Toluene	10.15	92	2665	0.228	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	34800	4.325	ug/l #	68
56) Ethyl methacrylate	10.54	69	1940	0.277	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6333	0.777	ug/l #	42
59) 2-Hexanone	10.76	43	98888	19.869	ug/l #	53
68) m/p-Xylenes	11.62	106	3201	0.385	ug/l	96
71) Bromoform	12.41	173	1337	0.397	ug/l #	1
74) N-ethyl acetate	12.03	43	4949	0.614	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	149711	27.519	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4362	0.284	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	149711	73.714	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	6069	0.399	ug/l	99
90) Hexachloroethane	13.90	117	583	0.207	ug/l #	10
95) Naphthalene	15.13	128	15149	1.100	ug/l	99

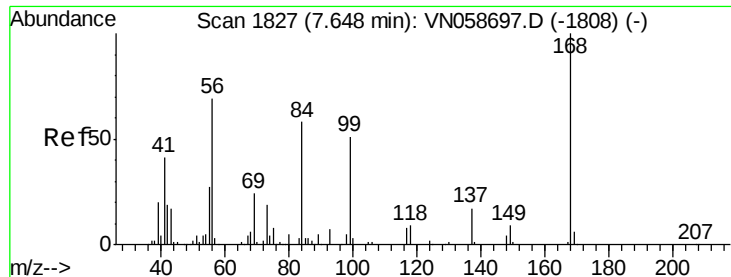
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

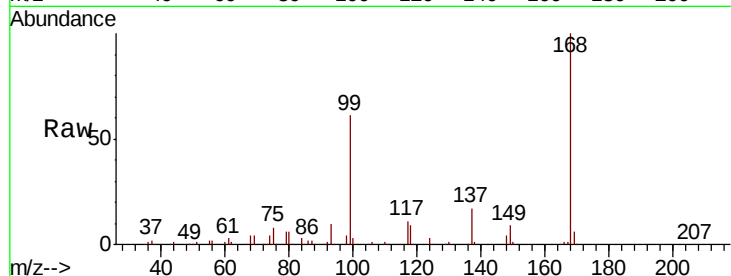
ClientSampled :

Tot Ion:168 Resp: 379997

Ion Ratio Lower Upper

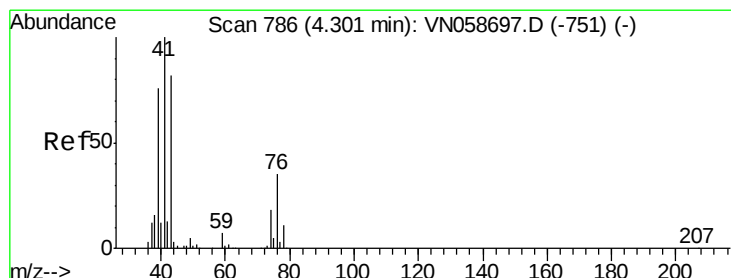
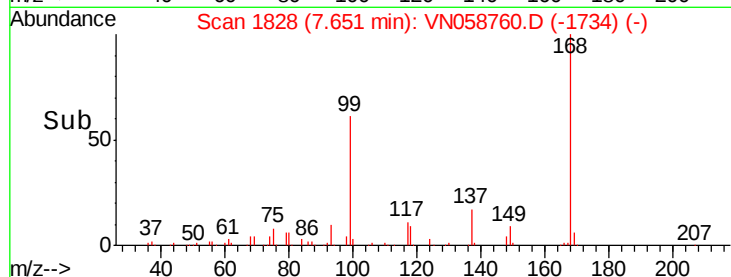
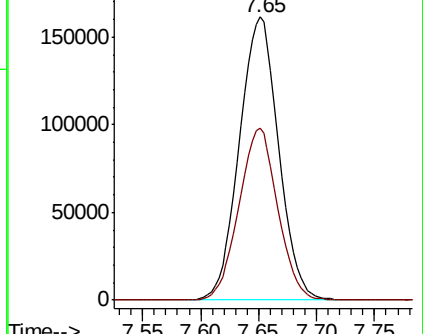
168 100

99 60.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 12.522 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.23 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

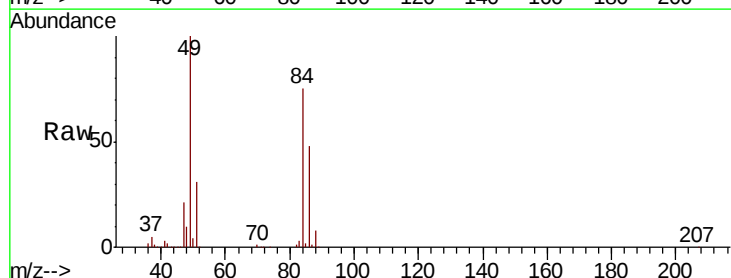
Tgt Ion: 41 Resp: 92216

Ion Ratio Lower Upper

41 100

39 0.2 57.2 85.8#

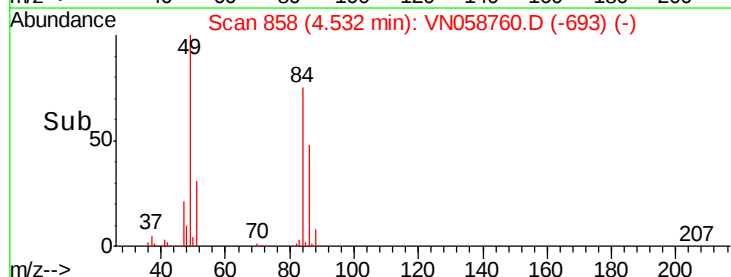
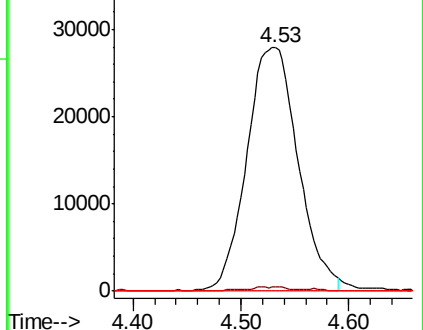
76 0.0 25.0 37.6#

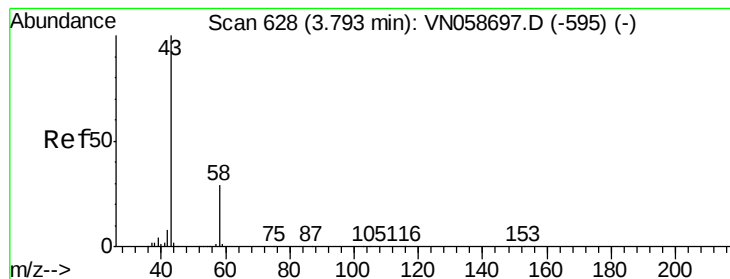


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 6.025 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

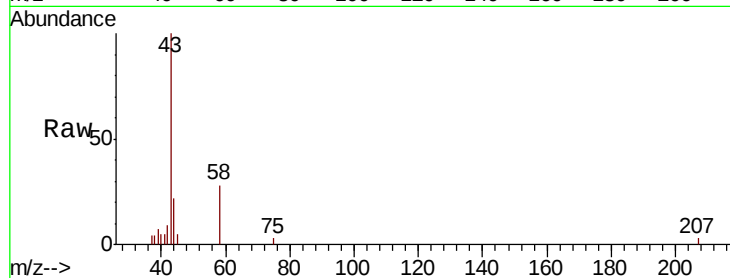
ClientSampleId :

Tot Ion: 43 Resp: 13269

Ion Ratio Lower Upper

43 100

58 28.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

4000

3000

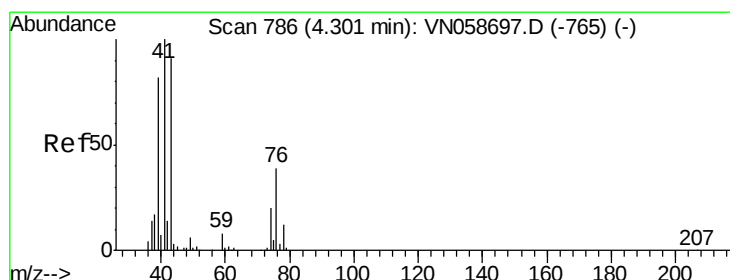
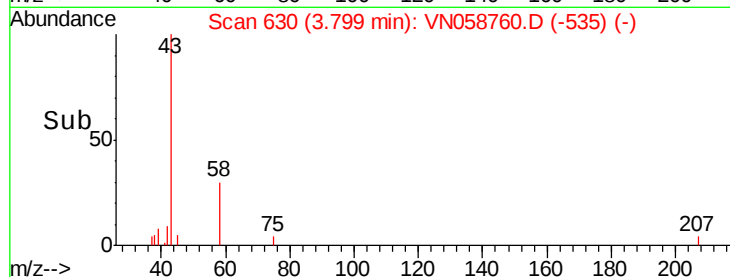
2000

1000

0

3.70 3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 0.597 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058760.D

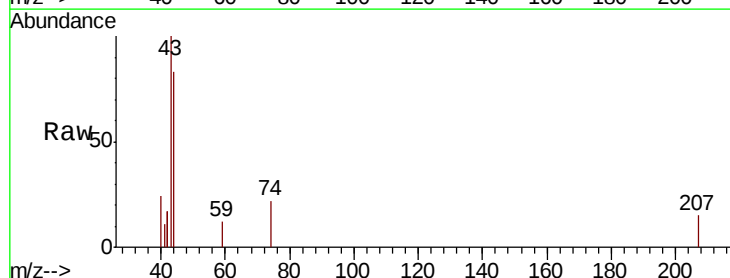
Acq: 14 Oct 2019 19:30

Tgt Ion: 43 Resp: 3336

Ion Ratio Lower Upper

43 100

74 26.5 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

1500

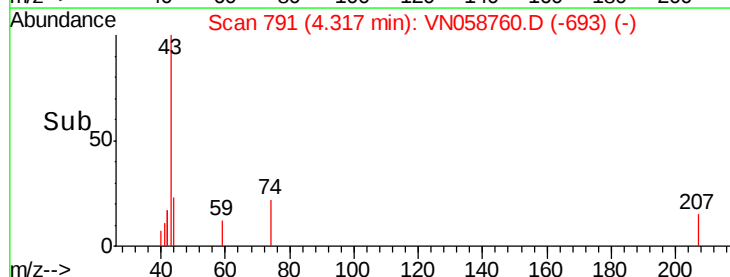
1000

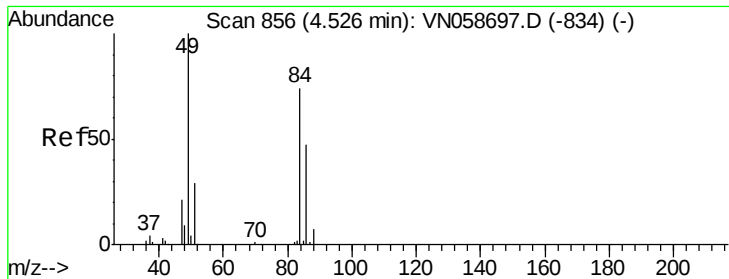
500

0

4.25 4.30 4.35

Time-->





#20

Methylene Chloride

Concen: 552.170 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2541599

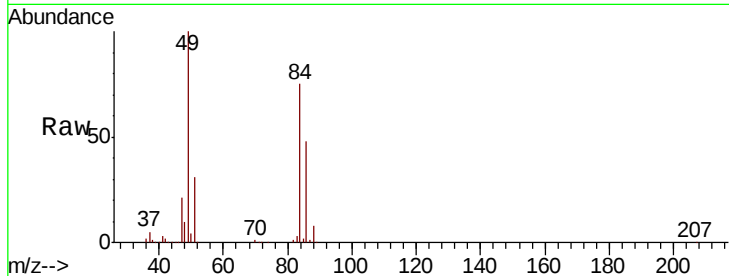
Ion	Ratio	Lower	Upper
84	100		
49	133.9	107.6	161.4
51	40.9	31.4	47.0
86	64.0	50.3	75.5

84 100

49 133.9 107.6 161.4

51 40.9 31.4 47.0

86 64.0 50.3 75.5

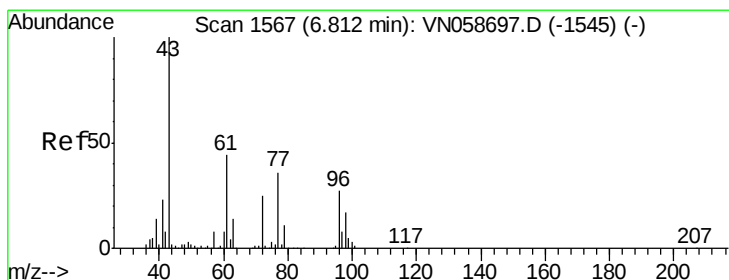
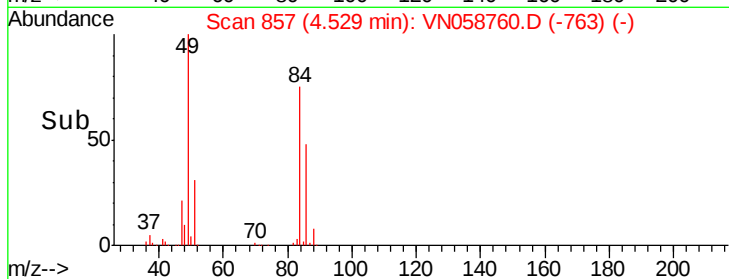
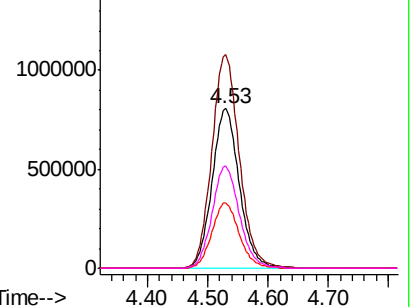


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.996 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN058760.D

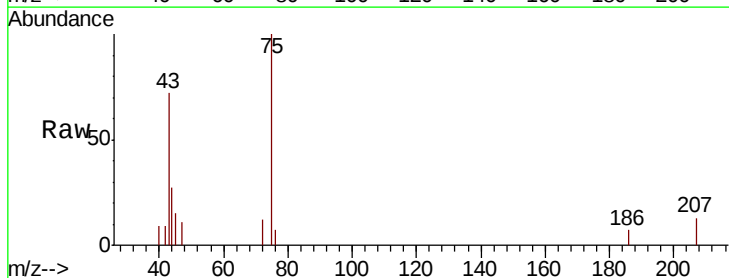
Acq: 14 Oct 2019 19:30

Tgt Ion: 43 Resp: 3171

Ion	Ratio	Lower	Upper
43	100		
72	17.3	20.2	30.2

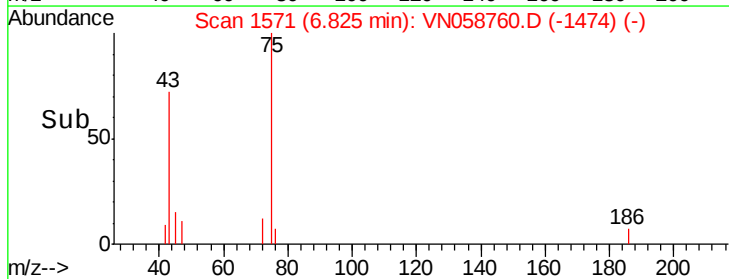
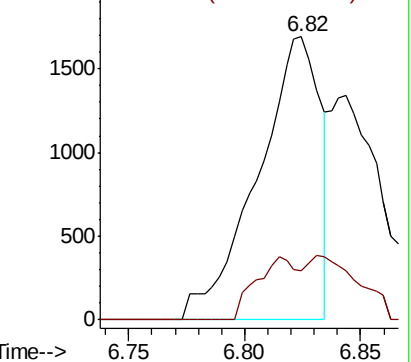
43 100

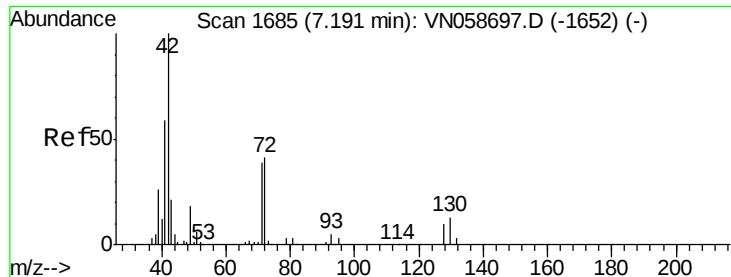
72 17.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

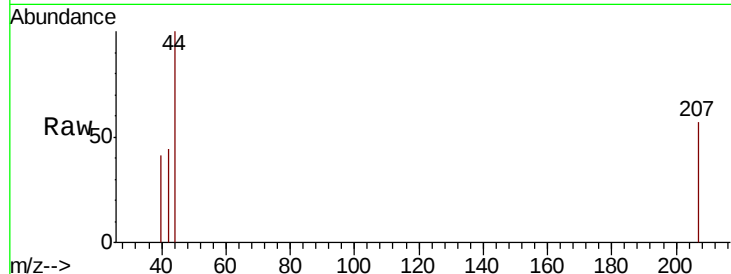




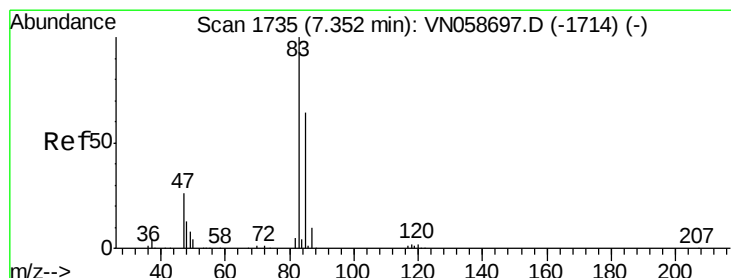
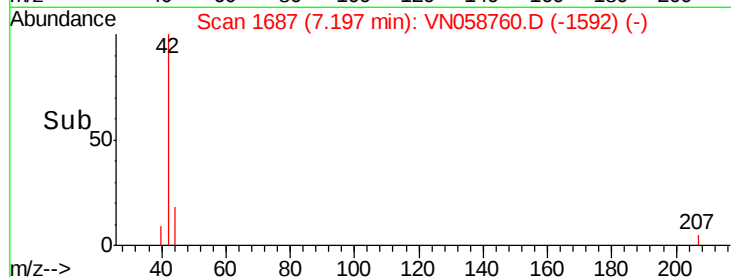
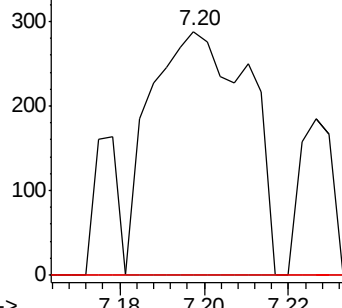
#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 467
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.1 46.7#

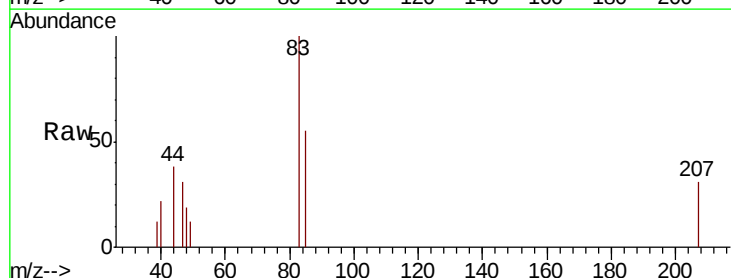


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

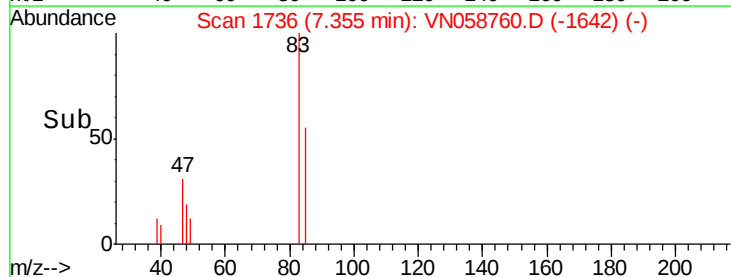
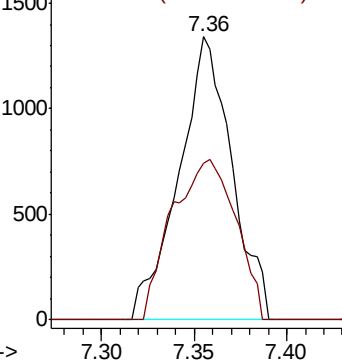


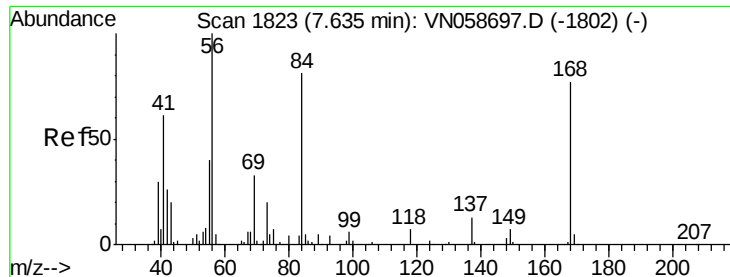
#30
Chloroform
Concen: 0.326 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion: 83 Resp: 2675
Ion Ratio Lower Upper
83 100
85 55.2 51.0 76.6



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

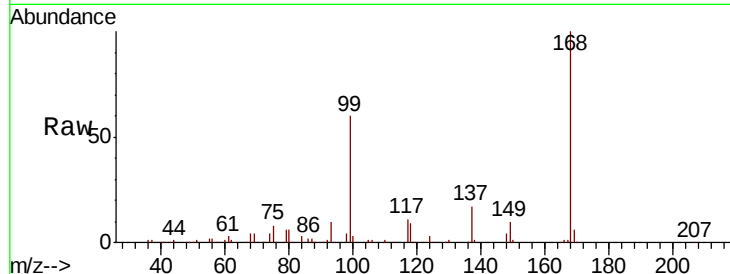




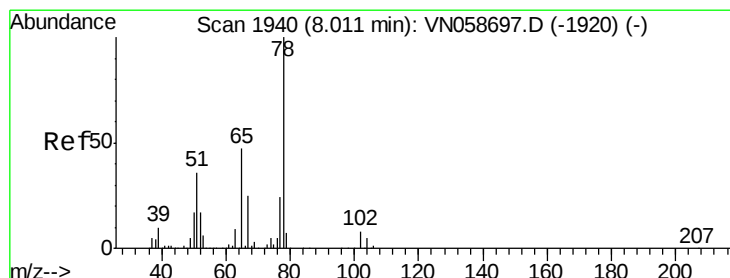
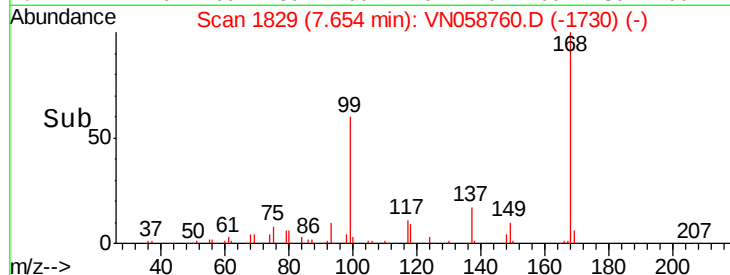
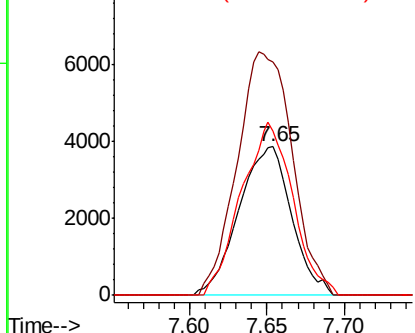
#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 9152
Ion Ratio Lower Upper
56 100
69 156.9 26.2 39.4#
84 110.9 64.9 97.3#

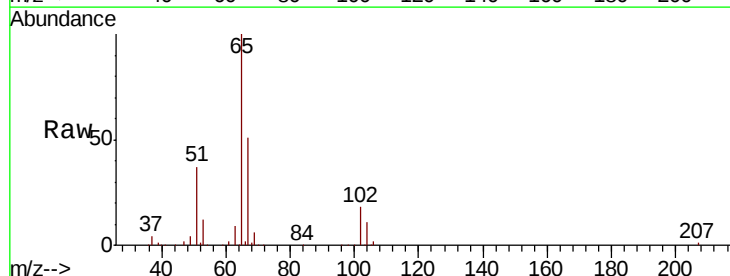


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

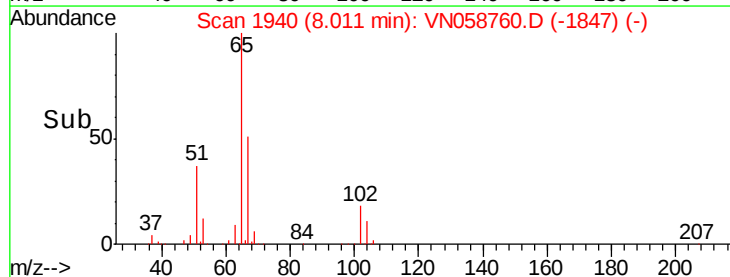
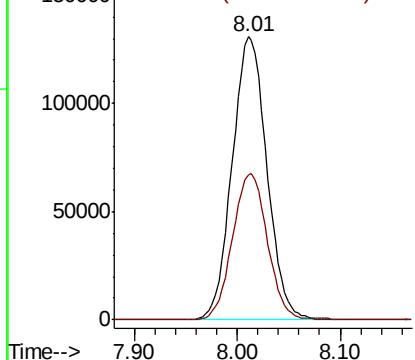


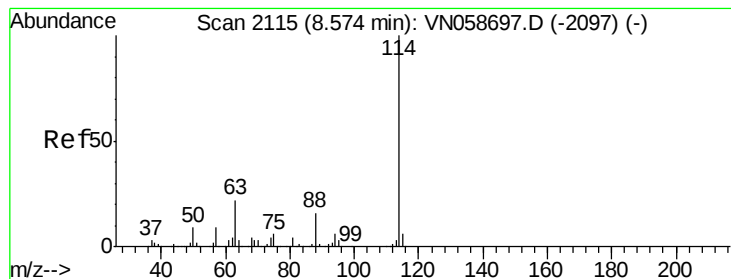
#33
1,2-Dichloroethane-d4
Concen: 57.760 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion: 65 Resp: 307278
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8



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: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

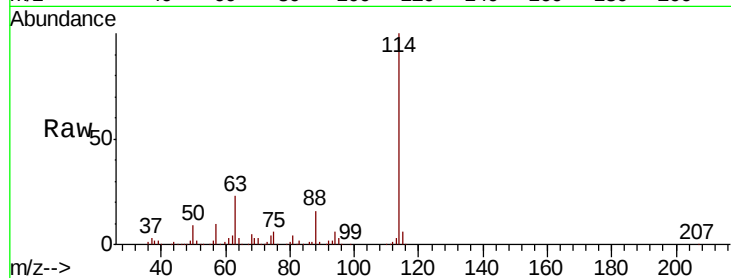
Tot Ion:114 Resp: 658321

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

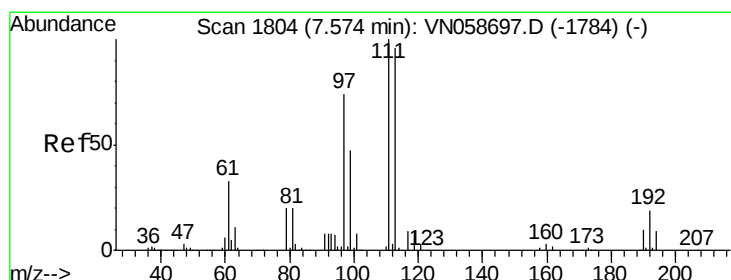
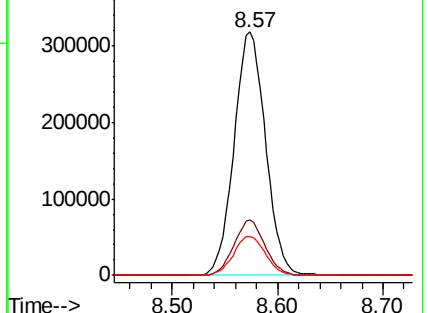
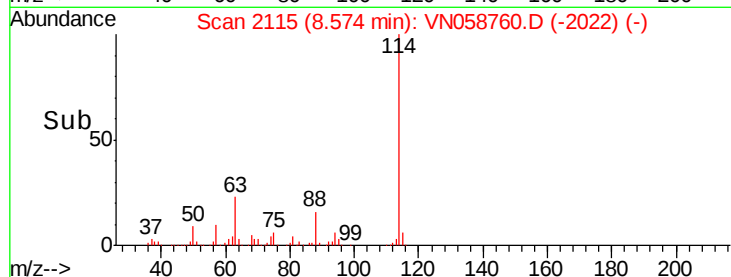
88 16.1 0.0 32.0



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: 53.999 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

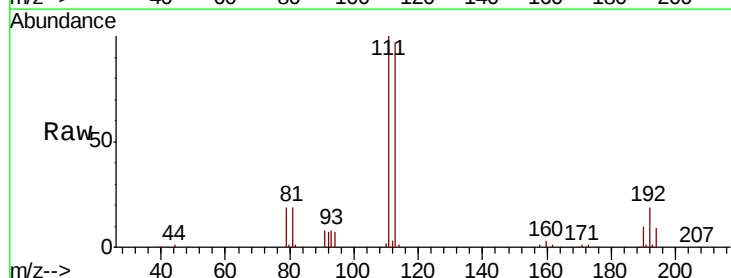
Tgt Ion:113 Resp: 219576

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

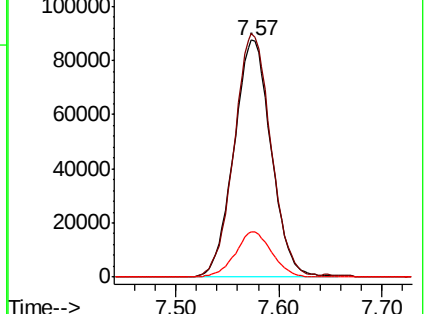
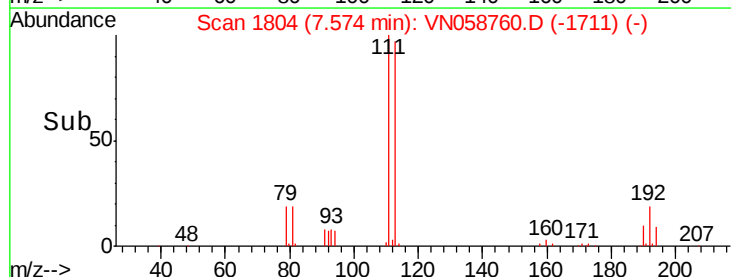
192 18.9 15.0 22.6

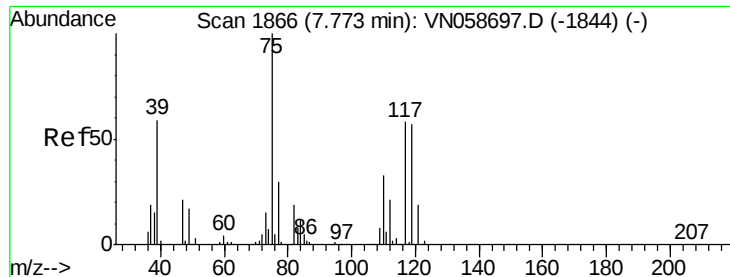


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

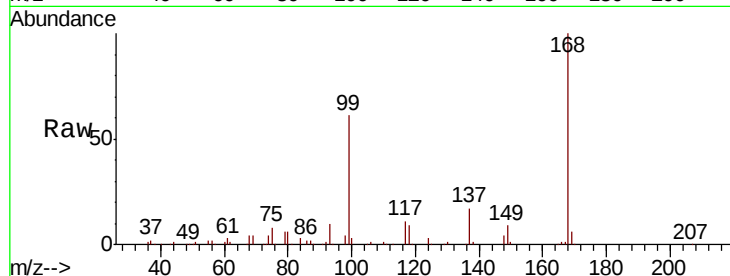




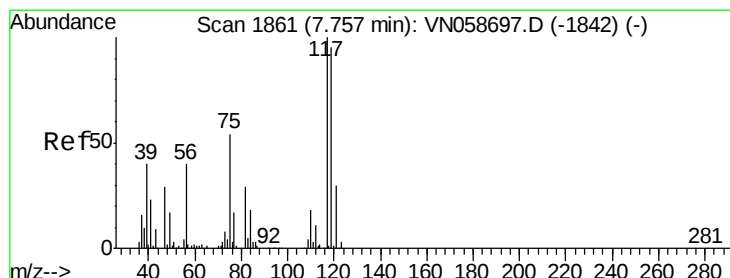
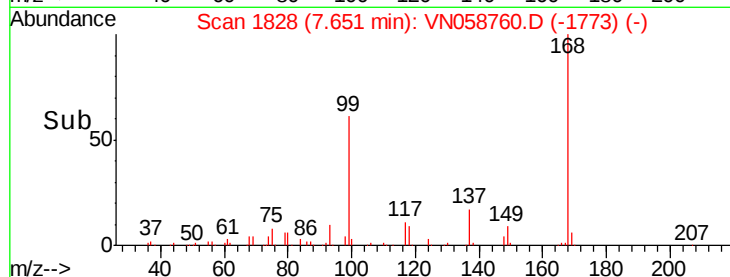
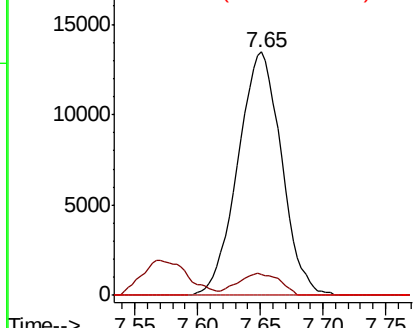
#36
 1,1-Dichloropropene
 Concen: 4.886 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058760.D
 Acq: 14 Oct 2019 19:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.6	49.8#
77	0.0	24.6	37.0#

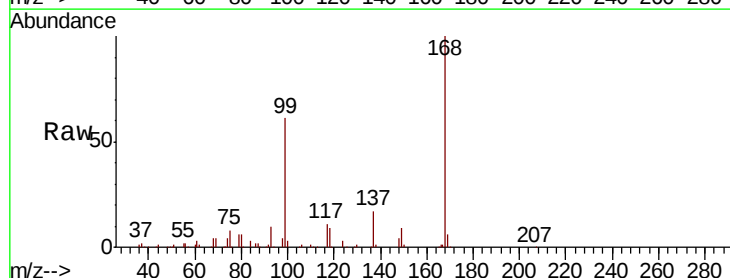


Abundance Ion 74.90 (74.60 to 75.60): VN058697.D (-1844) (-)
 Ion 109.90 (109.60 to 110.60): VN058697.D (-1844) (-)
 Ion 76.90 (76.60 to 77.60): VN058697.D (-1844) (-)

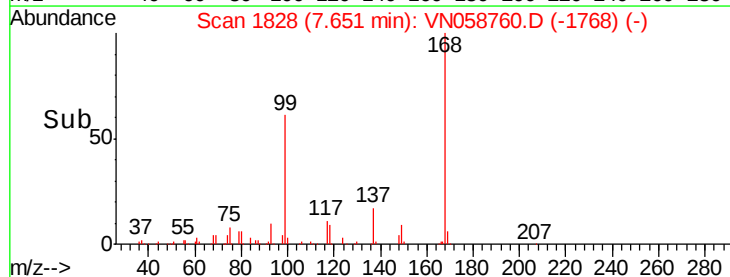
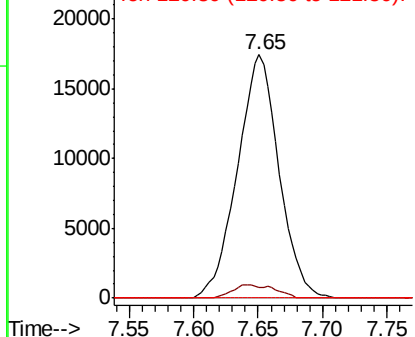


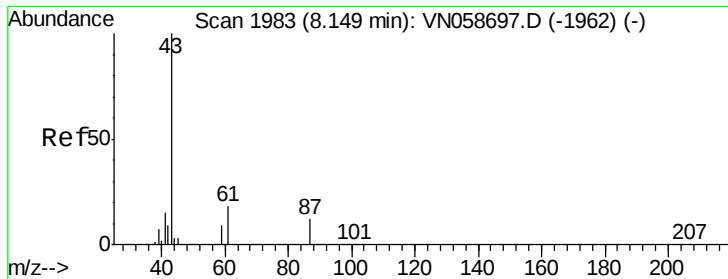
#38
 Carbon Tetrachloride
 Concen: 6.017 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058760.D
 Acq: 14 Oct 2019 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.7	113.5#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VN058697.D (-1842) (-)
 Ion 118.80 (118.50 to 119.50): VN058697.D (-1842) (-)
 Ion 120.80 (120.50 to 121.50): VN058697.D (-1842) (-)

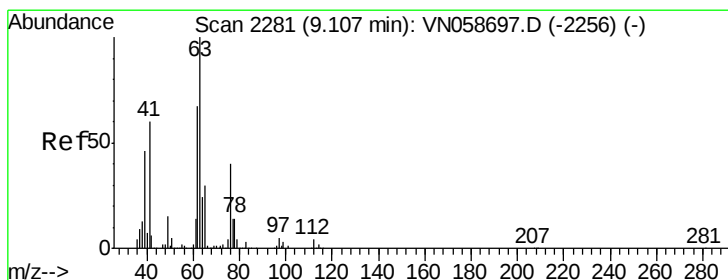
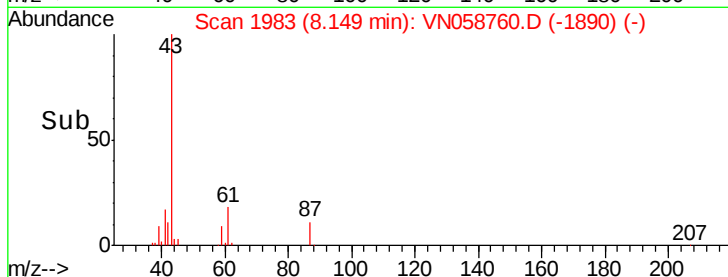
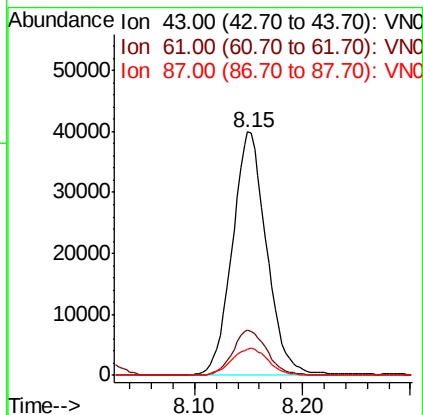
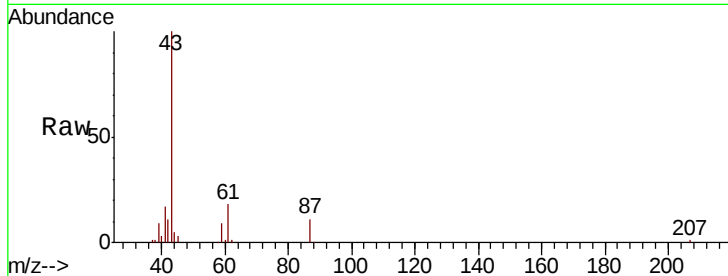




#43
Isopropyl Acetate
Concen: 7.698 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

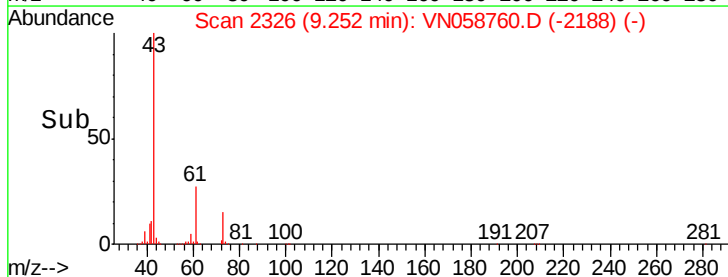
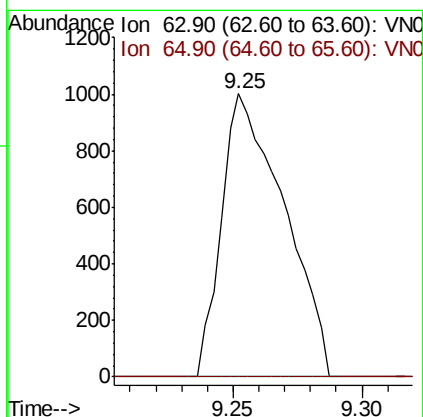
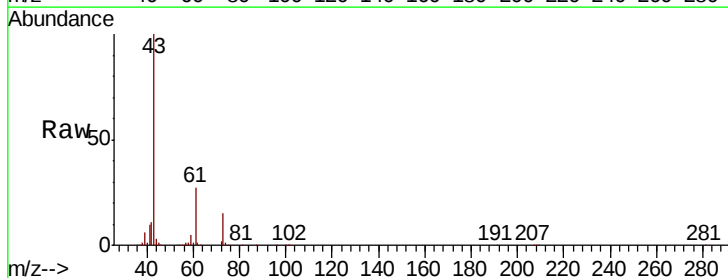
Instrument :
MSVOA_N
ClientSampleId :

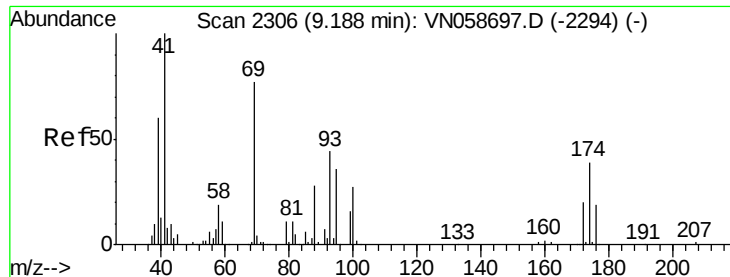
Tot Ion: 43 Resp: 88282
Ion Ratio Lower Upper
43 100
61 18.4 20.3 30.5#
87 11.7 9.8 14.6



#45
1,2-Dichloropropane
Concen: 0.330 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.14 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion: 63 Resp: 1688
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

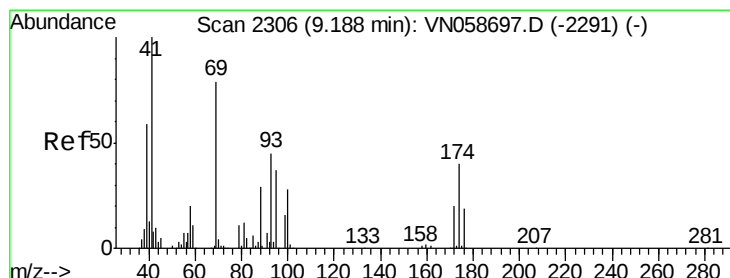
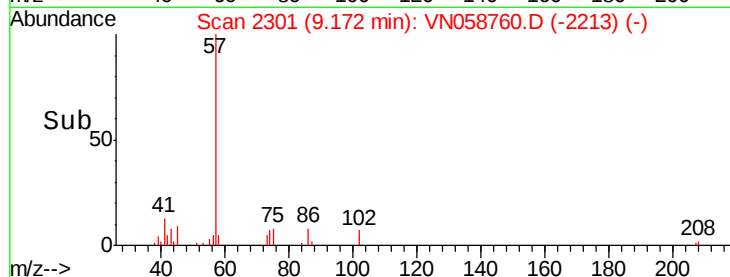
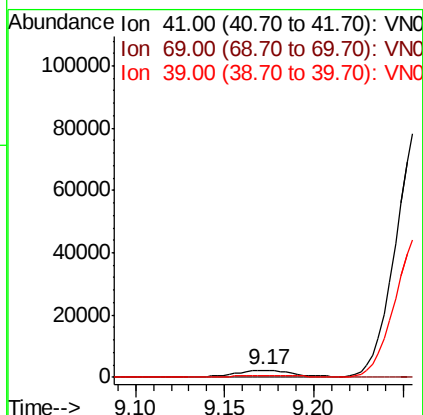
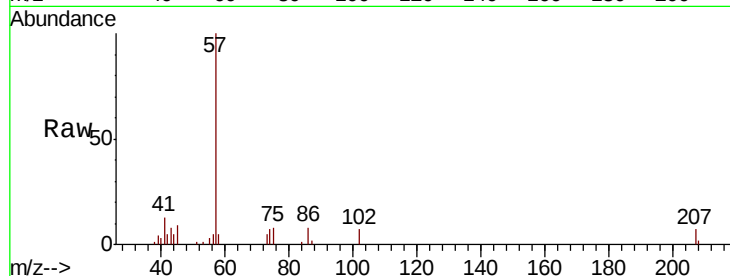




#48
Methvl methacrylate
Concen: 1.007 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

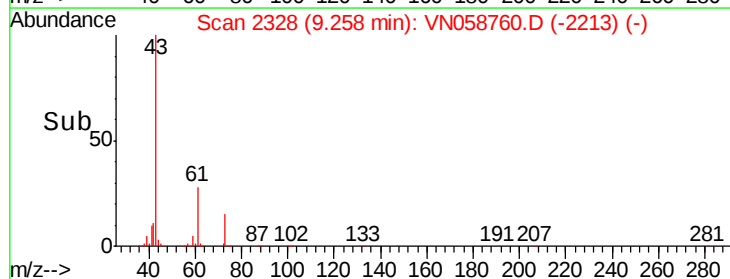
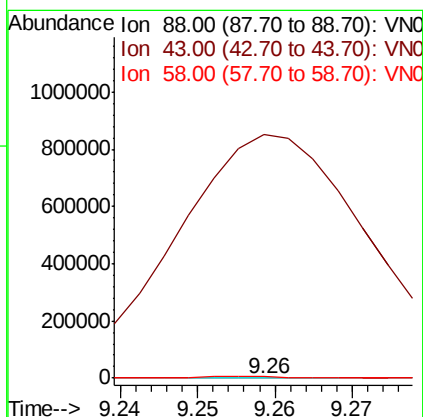
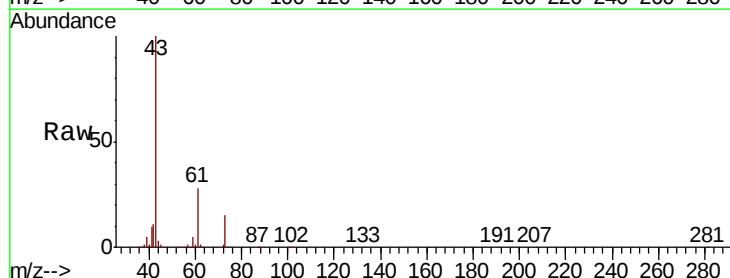
Instrument :
MSVOA_N
ClientSampled :

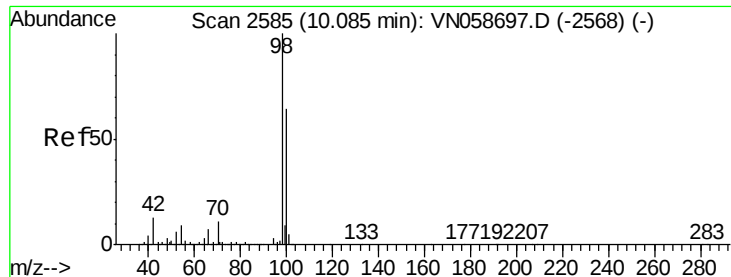
Tot Ion: 41 Resp: 5237
Ion Ratio Lower Upper
41 100
69 0.0 63.4 95.2#
39 0.0 48.9 73.3#



#49
1,4-Dioxane
Concen: 1.256 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 1542541.6 28.6 43.0#
58 7547.5 57.2 85.8#





#50

Toluene-d8

Concen: 51.063 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

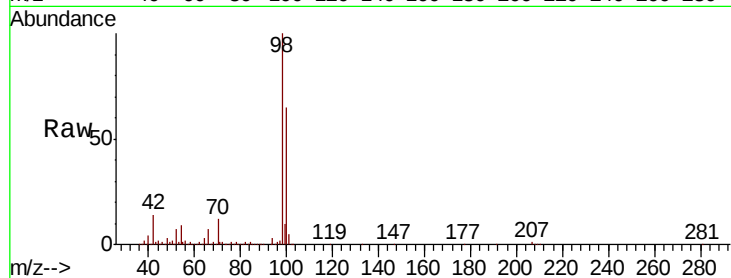
ClientSampled :

Tot Ion: 98 Resp: 830323

Ion Ratio Lower Upper

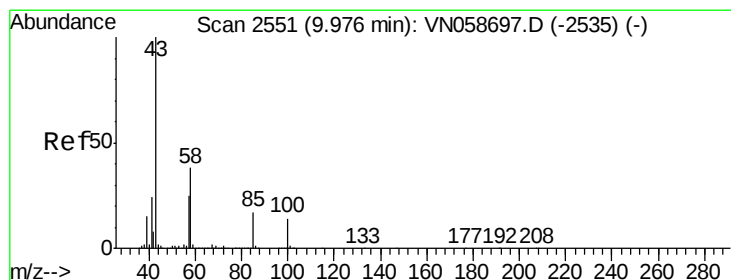
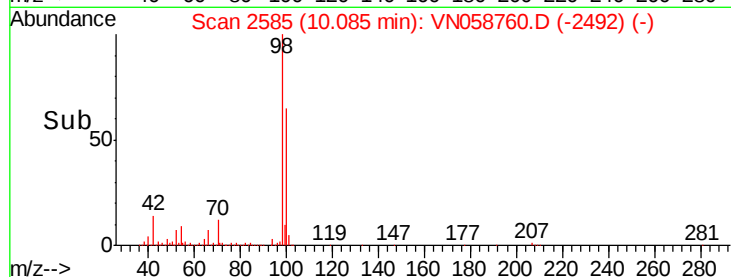
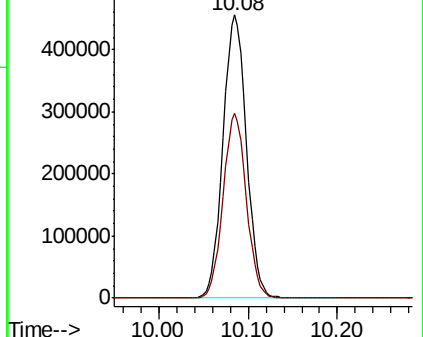
98 100

100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058760.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058760.D (-2492) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.964 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058760.D

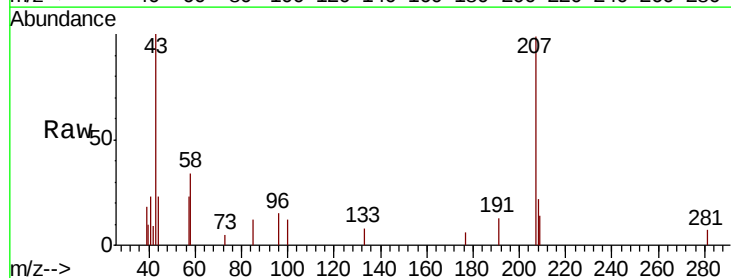
Acq: 14 Oct 2019 19:30

Tgt Ion: 43 Resp: 6211

Ion Ratio Lower Upper

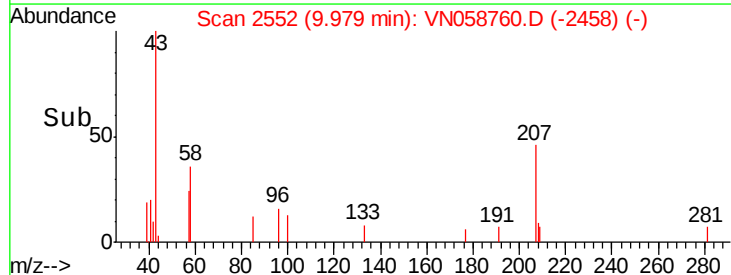
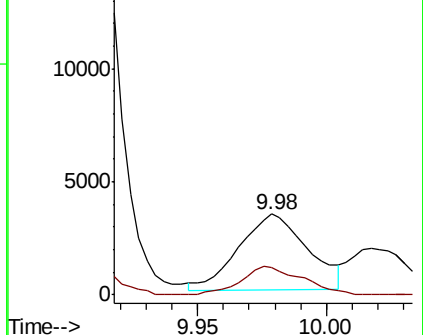
43 100

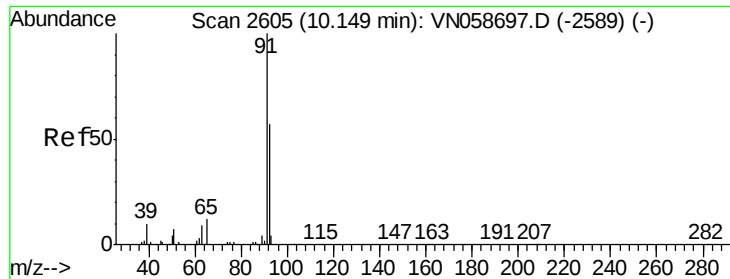
58 33.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN058760.D (-2458) (-)

Ion 58.00 (57.70 to 58.70): VN058760.D (-2458) (-)





#52

Toluene

Concen: 0.228 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

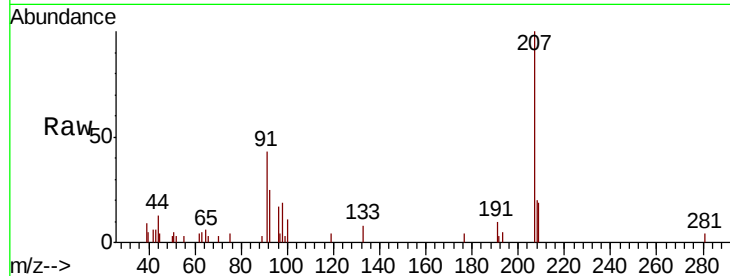
ClientSampled :

Tot Ion: 92 Resp: 2665

Ion Ratio Lower Upper

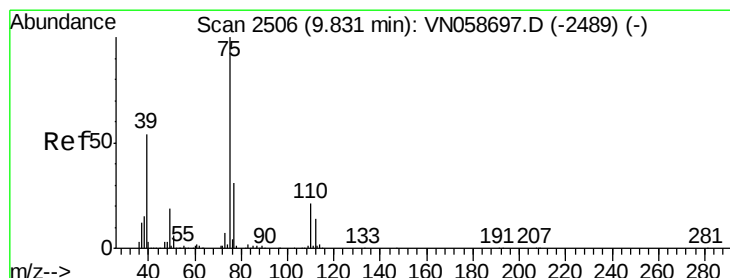
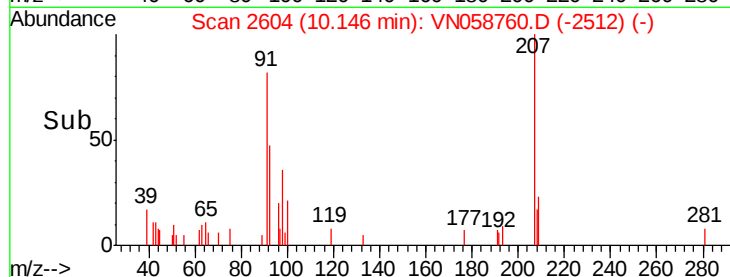
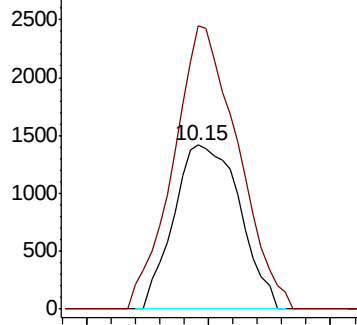
92 100

91 168.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.325 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

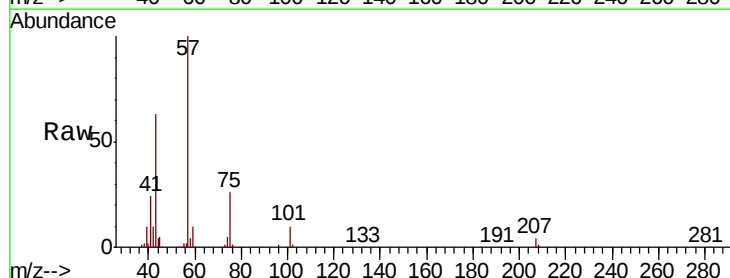
Tgt Ion: 75 Resp: 34800

Ion Ratio Lower Upper

75 100

77 0.9 24.4 36.6#

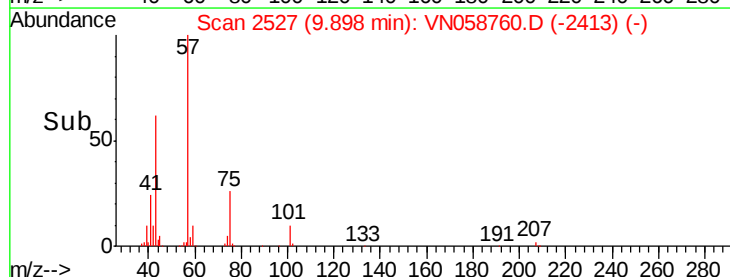
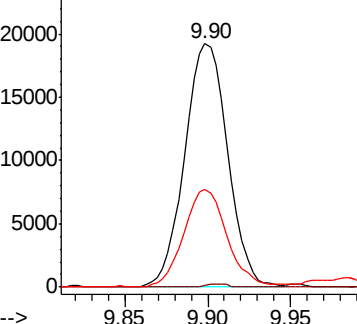
39 40.1 43.1 64.7#

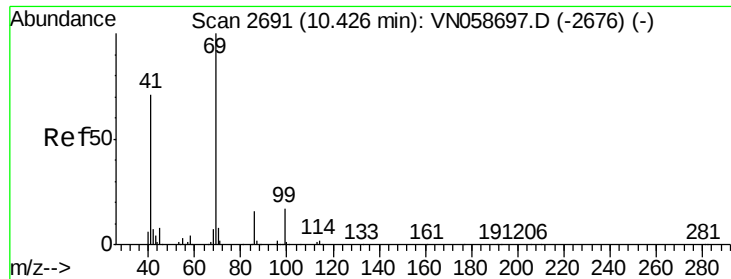


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.277 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

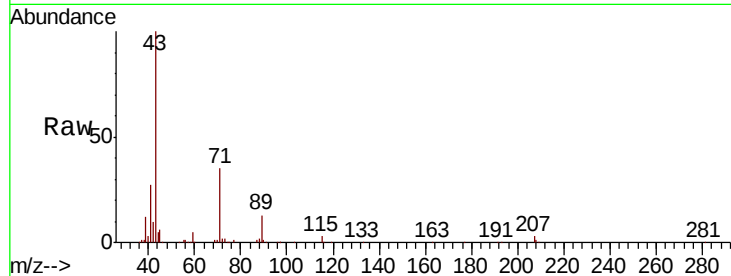
Tot Ion: 69 Resp: 1940

Ion Ratio Lower Upper

69 100

41 4159.3 56.8 85.2#

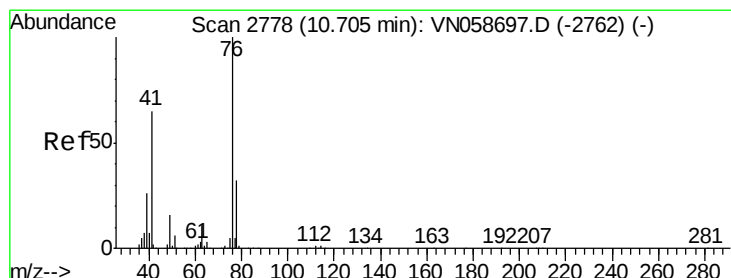
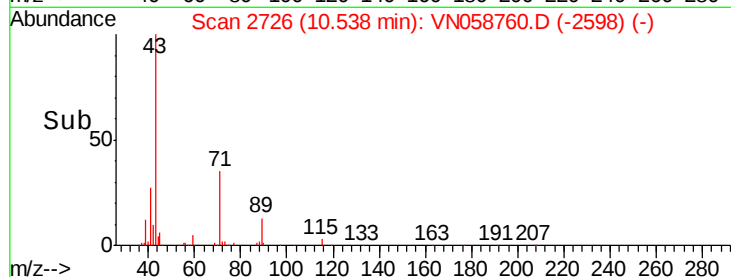
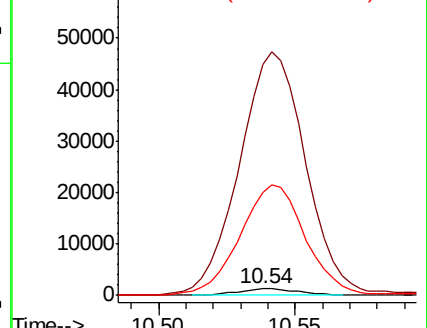
39 1860.7 32.5 48.7#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.777 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN058760.D

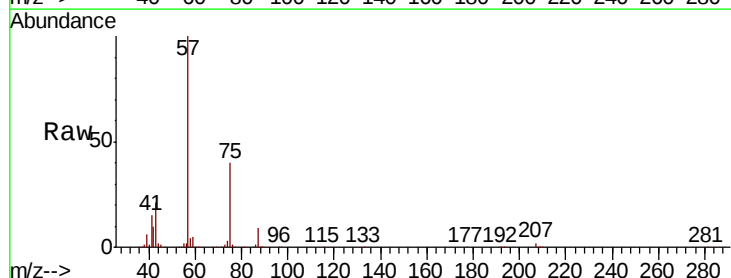
Acq: 14 Oct 2019 19:30

Tgt Ion: 76 Resp: 6333

Ion Ratio Lower Upper

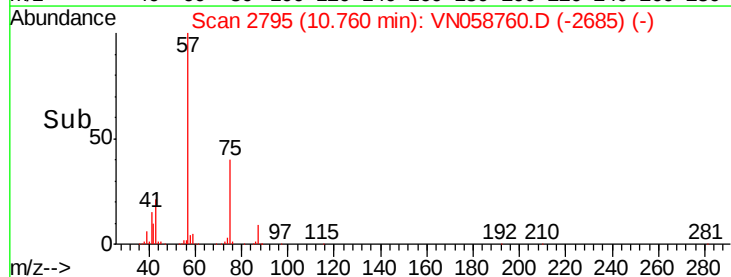
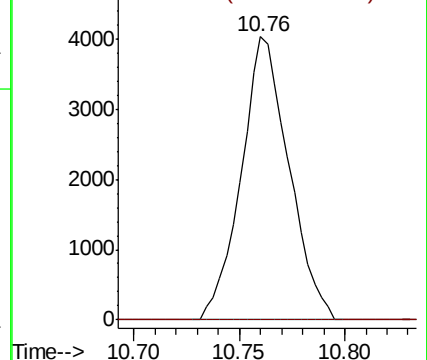
76 100

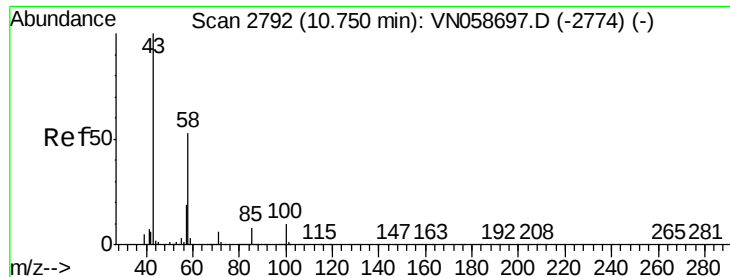
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

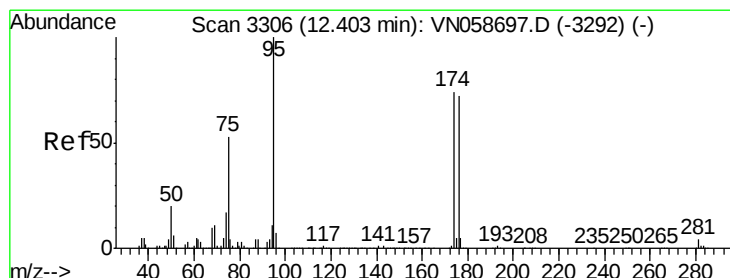
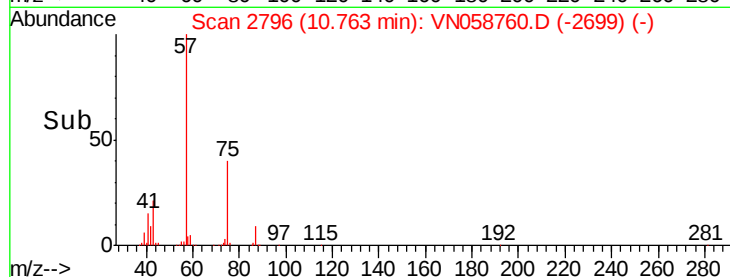
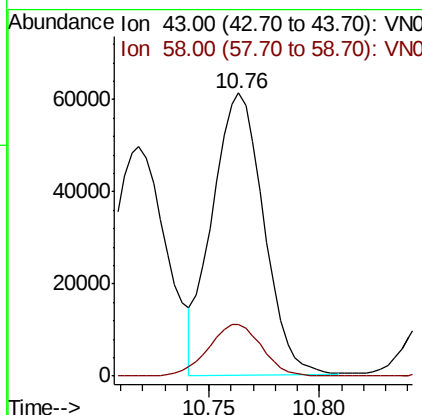
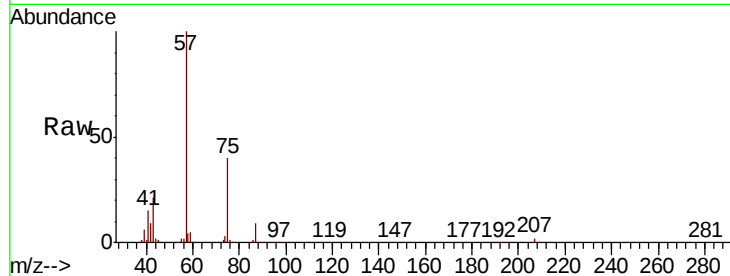




#59
2-Hexanone
Concen: 19.869 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

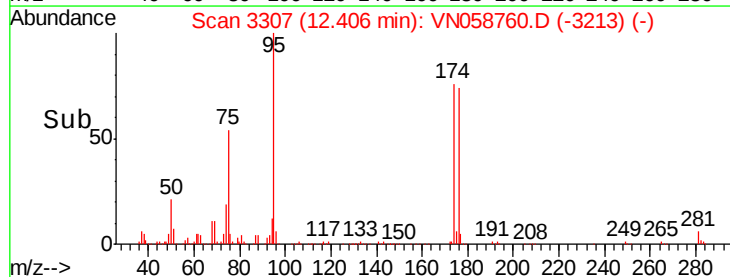
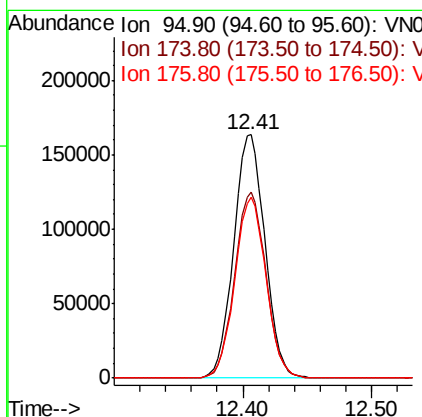
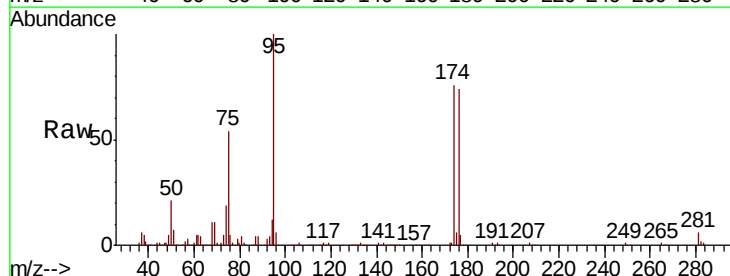
Instrument :
MSVOA_N
ClientSampleId :

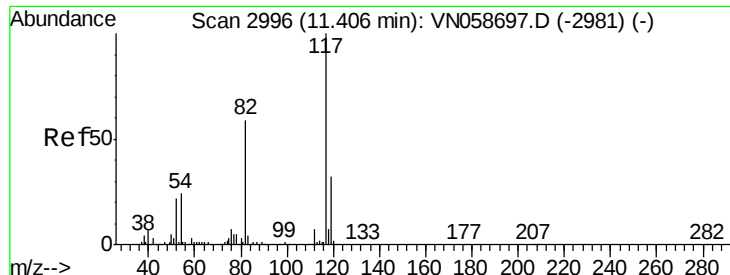
Tot Ion: 43 Resp: 98888
Ion Ratio Lower Upper
43 100
58 19.2 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 44.686 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion: 95 Resp: 275045
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.4
176 74.3 0.0 146.8

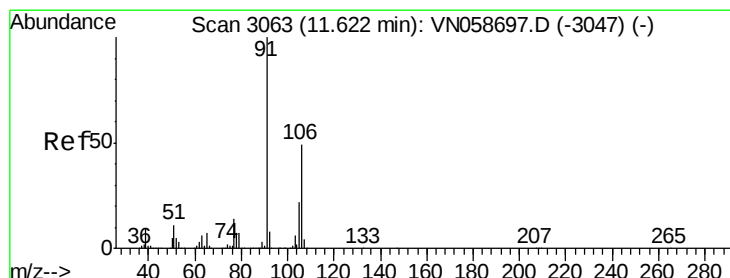
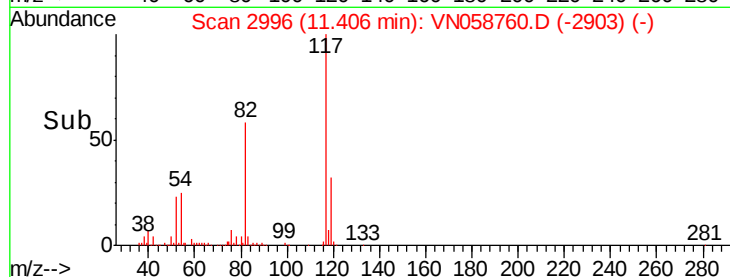
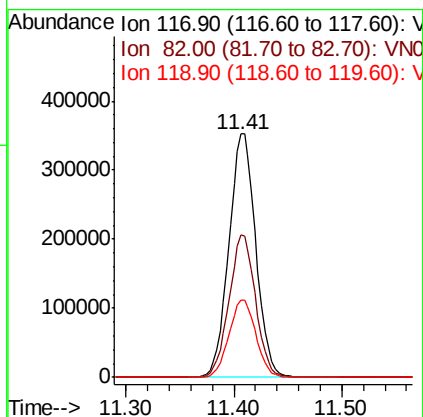
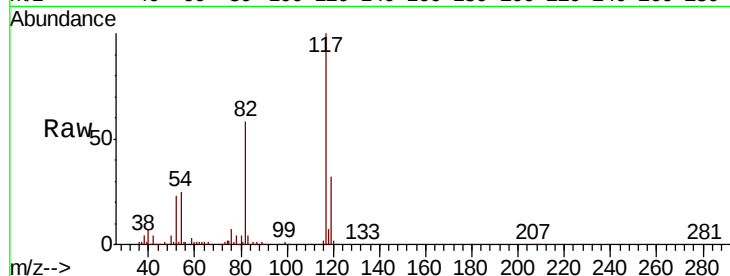




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

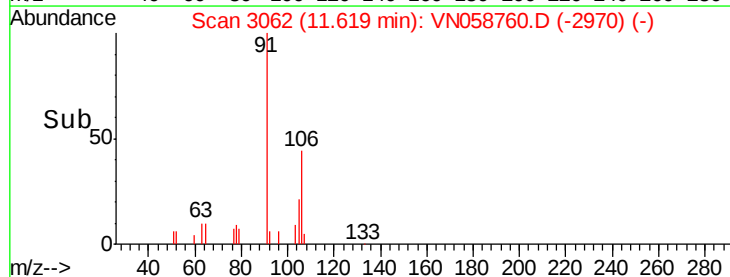
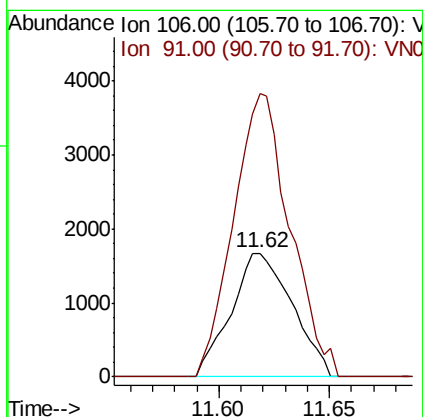
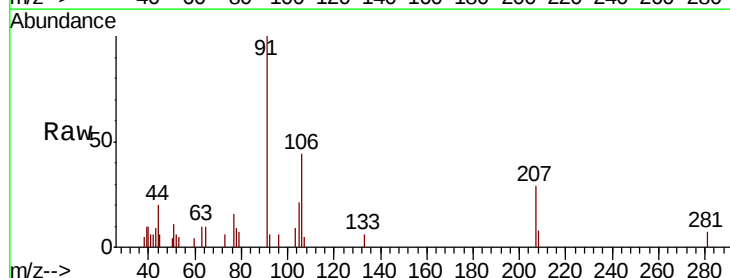
Instrument :
MSVOA_N
ClientSampled :

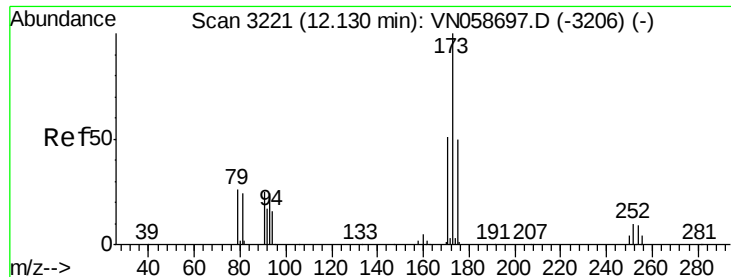
Tot Ion:117 Resp: 611668
Ion Ratio Lower Upper
117 100
82 58.4 47.0 70.4
119 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 0.385 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

Tgt Ion:106 Resp: 3201
Ion Ratio Lower Upper
106 100
91 212.7 165.7 248.5





#71

Bromoform

Concen: 0.397 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

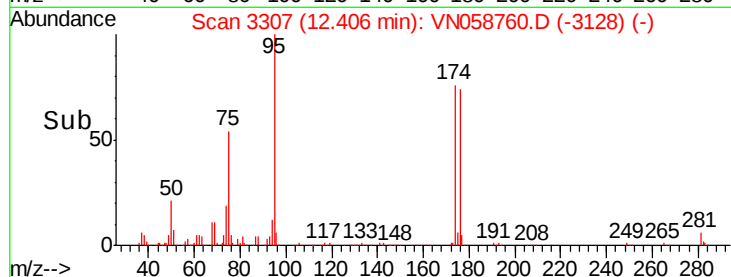
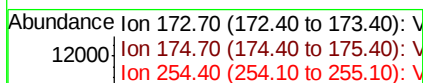
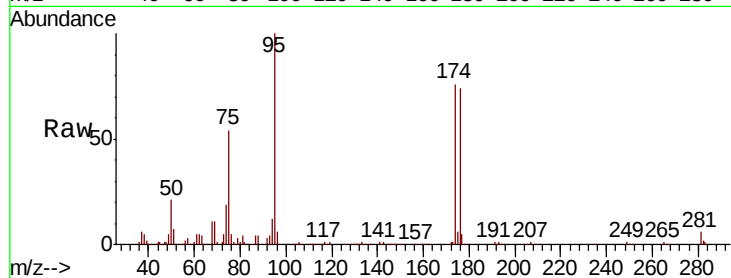
Tot Ion:173 Resp: 1337

Ion Ratio Lower Upper

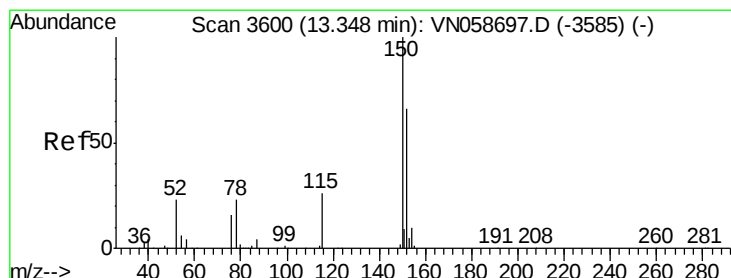
173 100

175 998.4 24.6 73.8#

254 0.0 0.1 0.1#



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

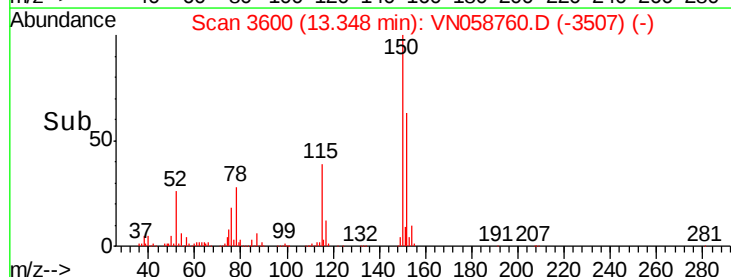
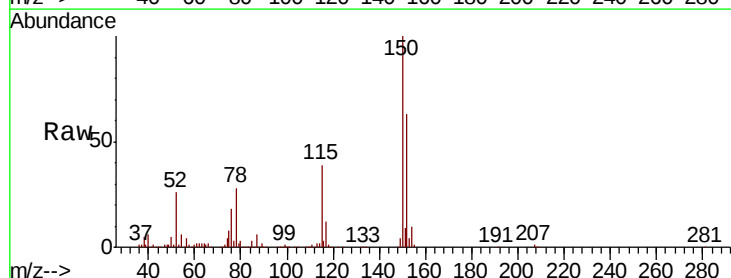
Tgt Ion:152 Resp: 247992

Ion Ratio Lower Upper

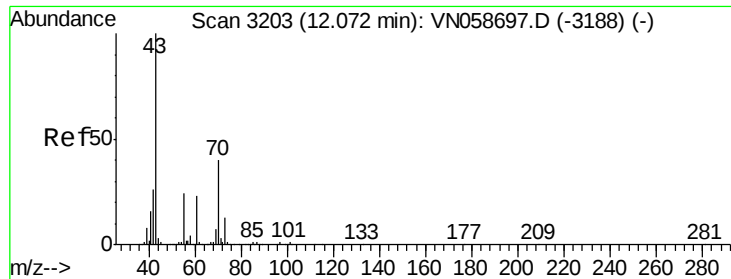
152 100

115 61.0 30.4 91.2

150 157.9 0.0 345.4



Time-->



#74

N-amvl acetate

Concen: 0.614 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4949

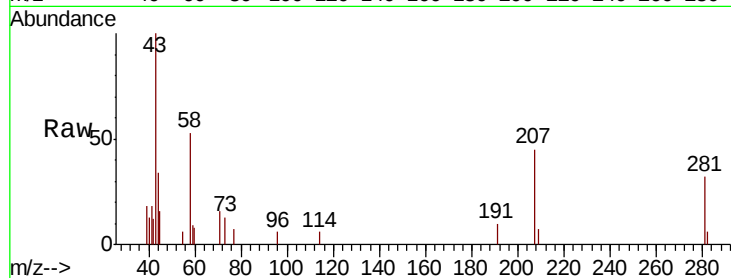
Ion Ratio Lower Upper

43 100

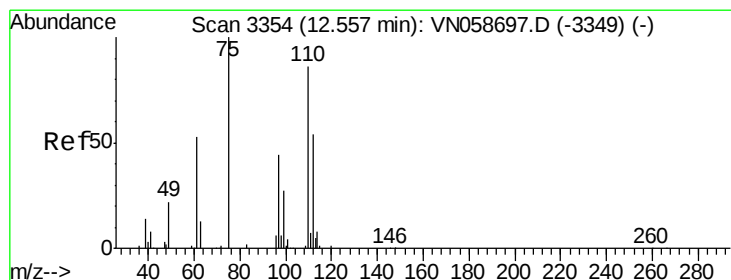
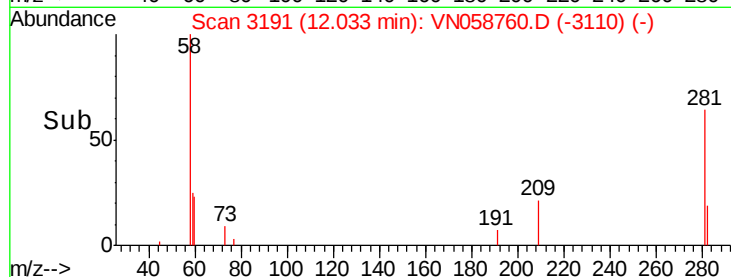
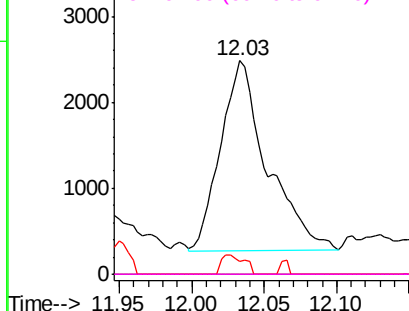
70 0.0 32.2 48.4#

55 5.0 19.6 29.4#

61 0.0 18.6 28.0#



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



#76

1,2,3-Trichloropropane

Concen: 27.519 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058760.D

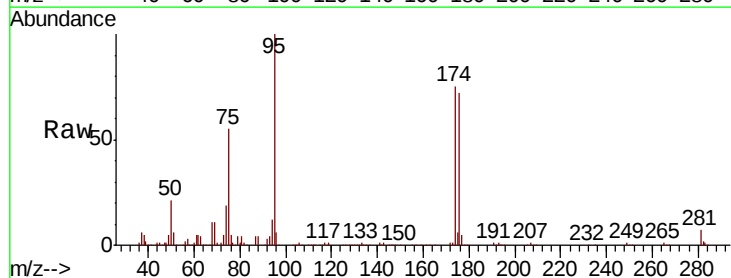
Acq: 14 Oct 2019 19:30

Tgt Ion: 75 Resp: 149711

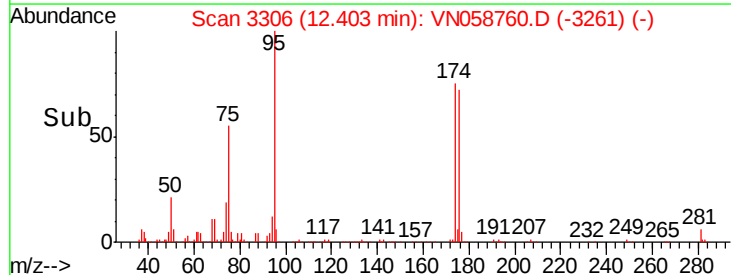
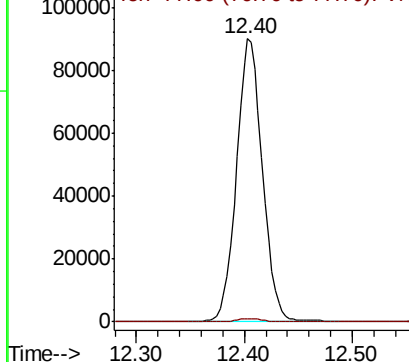
Ion Ratio Lower Upper

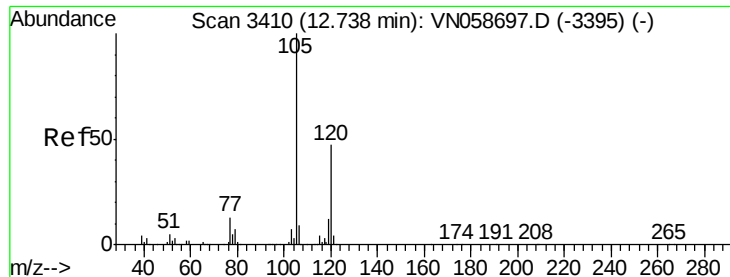
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

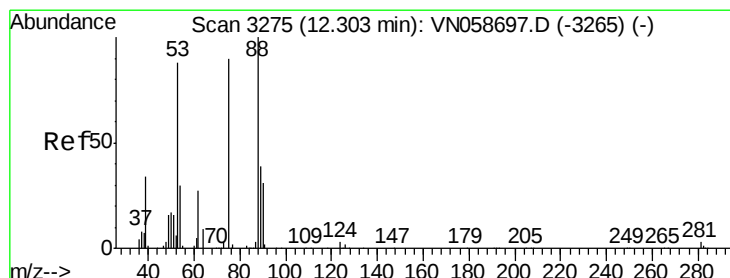
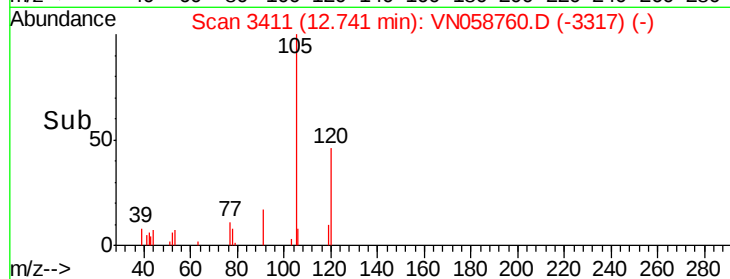
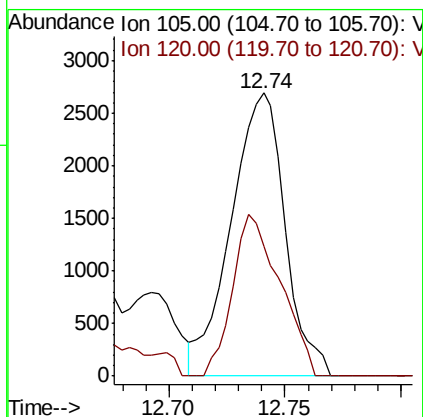
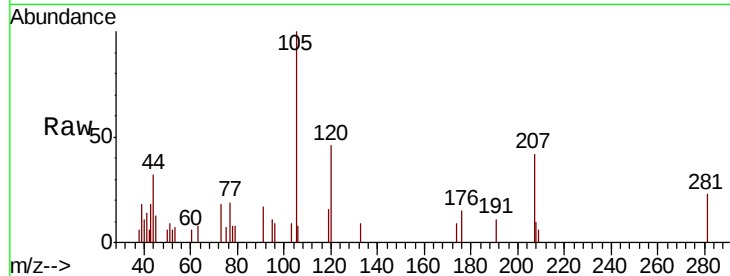




#80
 1,3,5-Trimethylbenzene
 Concen: 0.284 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058760.D
 Acq: 14 Oct 2019 19:30

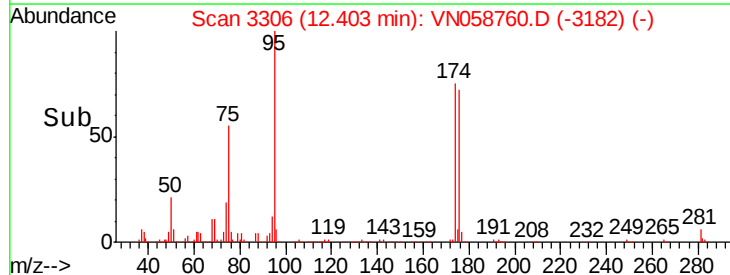
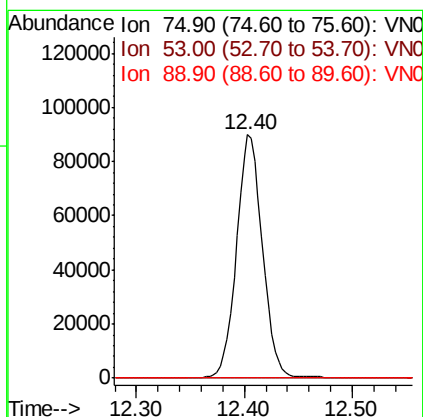
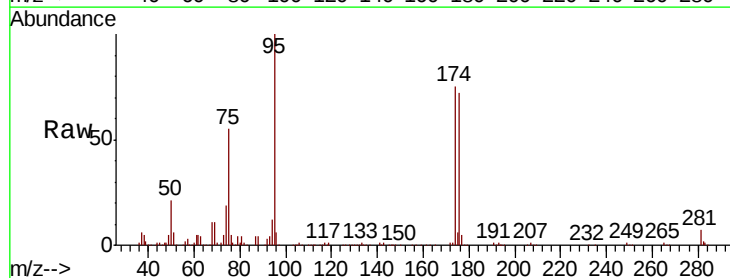
Instrument :
 MSVOA_N
 ClientSampled :

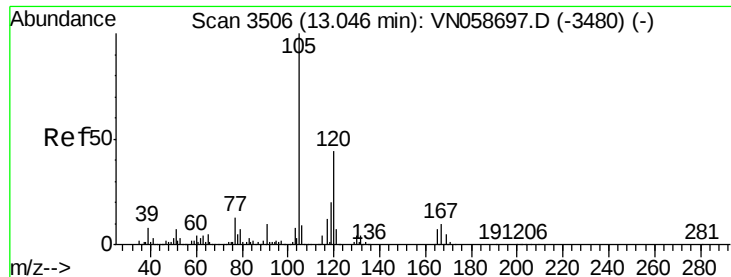
Tot Ion: 105 Resp: 4362
 Ion Ratio Lower Upper
 105 100
 120 50.1 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.714 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058760.D
 Acq: 14 Oct 2019 19:30

Tgt Ion: 75 Resp: 149711
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.4 117.6#
 89 0.0 34.9 52.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.399 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

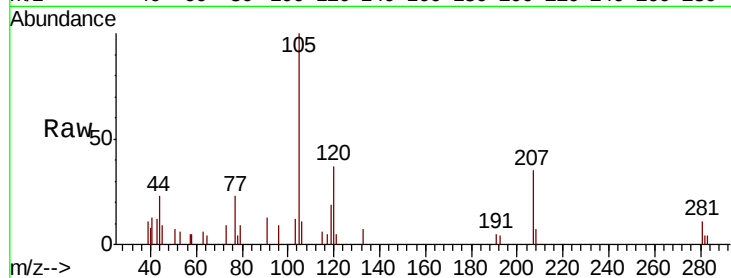
ClientSampleId :

Tot Ion:105 Resp: 6069

Ion Ratio Lower Upper

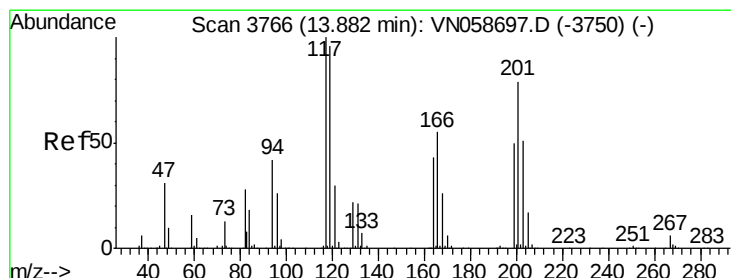
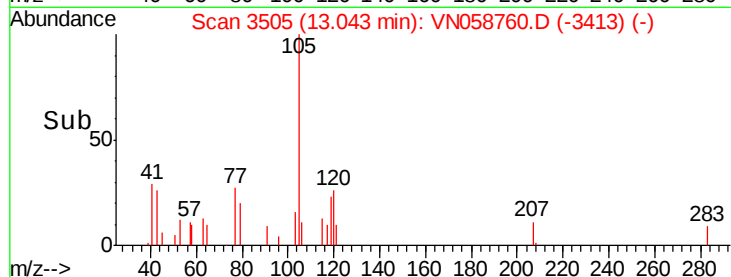
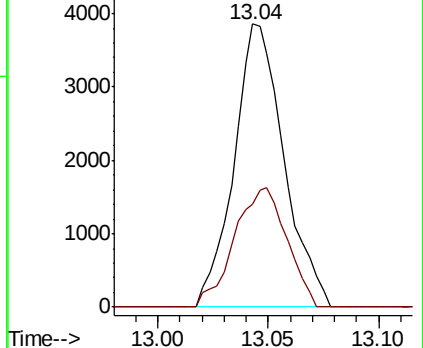
105 100

120 44.1 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.207 ug/l

RT: 13.90 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN058760.D

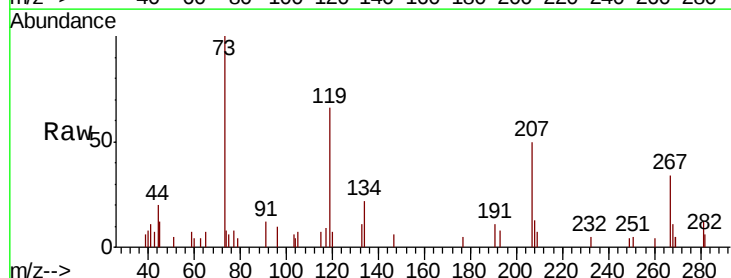
Acq: 14 Oct 2019 19:30

Tgt Ion:117 Resp: 583

Ion Ratio Lower Upper

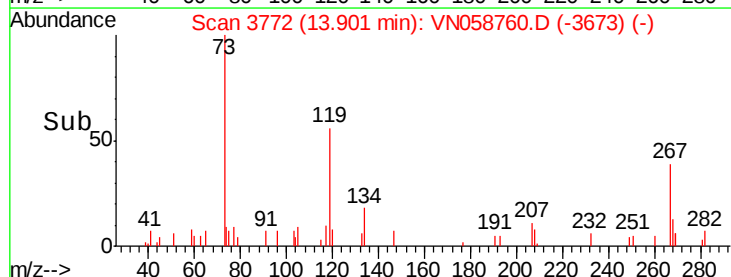
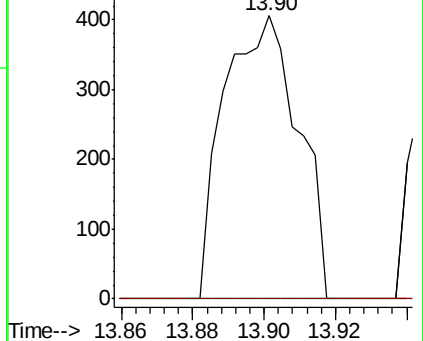
117 100

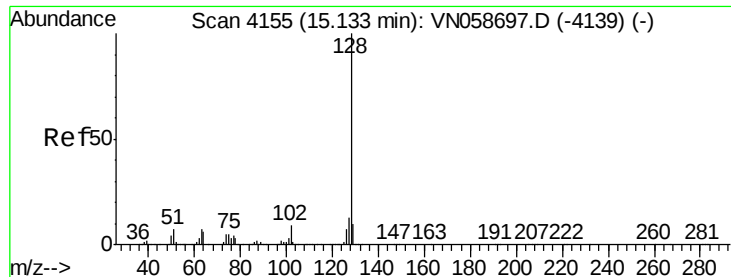
201 0.0 39.6 118.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 1.100 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

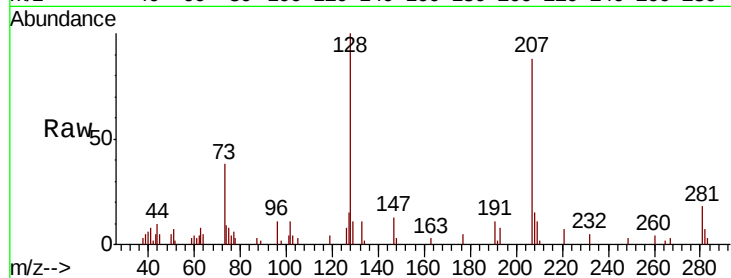
Tot Ion:128 Resp: 15149

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.0 8.5 12.7



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

