

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058741.D
 Acq On : 12 Oct 2019 6:40
 Operator : JC/SP
 Sample : K5266-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMPOSITE-C

Quant Time: Oct 12 07:03:09 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	421618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	660629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	235393	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	303747	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.57	113	88021	21.57	ug/l	0.00
Spiked Amount			Recovery	=	43.14%	
50) Toluene-d8	10.09	98	836939	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.41	95	275008	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	

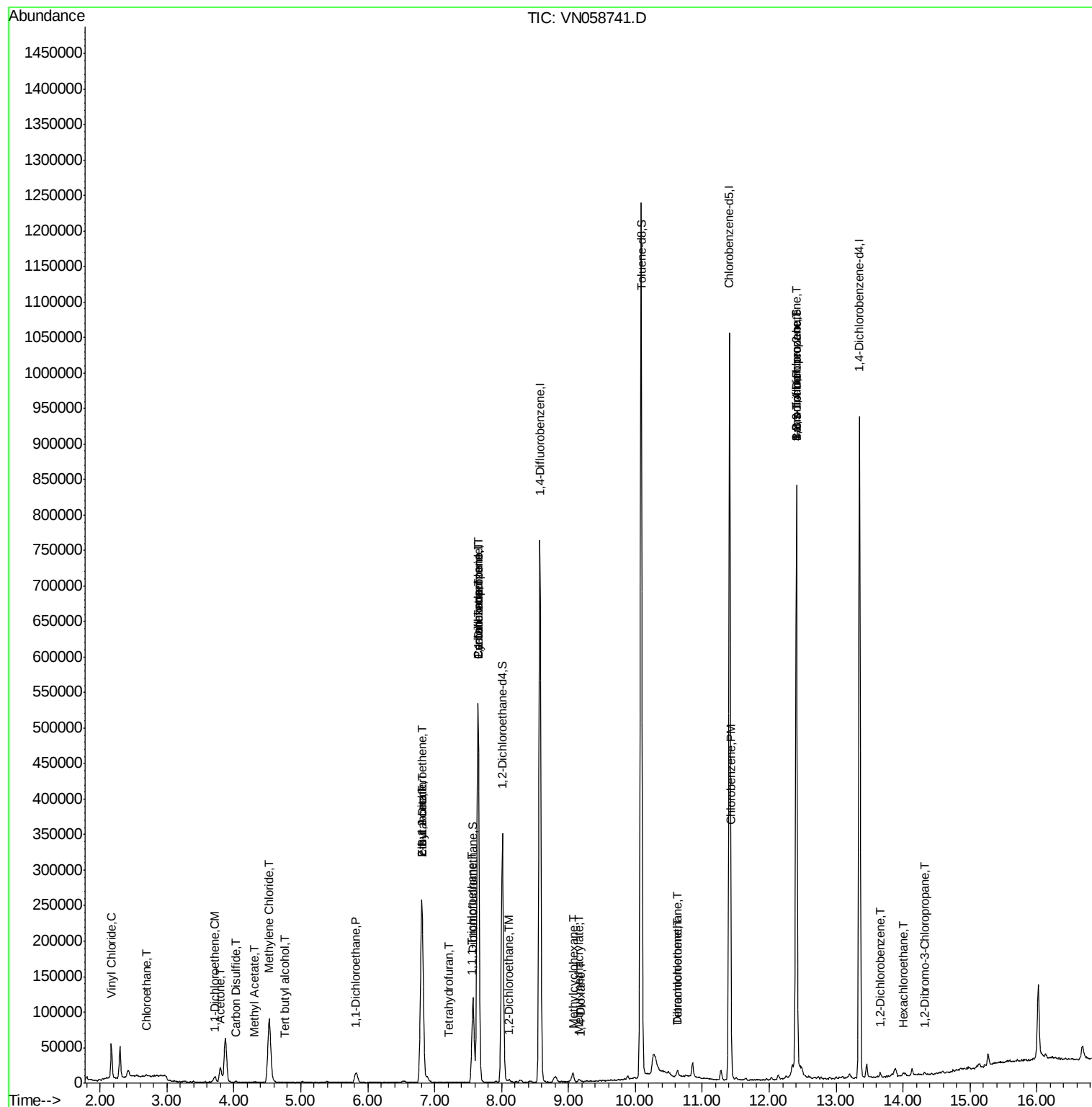
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.17	62	45496	7.316	ug/l	98
6) Chloroethane	2.69	64	2939	0.766	ug/l	95
11) Tert butyl alcohol	4.76	59	422	0.441	ug/l #	72
12) 1,1-Dichloroethene	3.72	96	3979	0.983	ug/l	89
16) Acetone	3.80	43	36713	15.024	ug/l	100
17) Carbon Disulfide	4.03	76	2683	0.207	ug/l #	75
18) Methyl Acetate	4.31	43	2029	0.327	ug/l #	65
20) Methylene Chloride	4.53	84	65863	12.896	ug/l	97
24) 1,1-Dichloroethane	5.83	63	22495	2.486	ug/l	98
25) 2-Butanone	6.82	43	7142	2.022	ug/l #	73
27) cis-1,2-Dichloroethene	6.81	96	161683	30.613	ug/l	88
29) Tetrahydrofuran	7.21	42	693	0.304	ug/l #	35
31) Cyclohexane	7.65	56	11407	1.318	ug/l #	22
32) 1,1,1-Trichloroethane	7.55	97	2412	0.311	ug/l #	45
36) 1,1-Dichloropropene	7.65	75	34969	5.235	ug/l #	50
37) Ethyl Acetate	6.82	43	7142	1.057	ug/l #	1
38) Carbon Tetrachloride	7.65	117	43092	6.620	ug/l #	16
39) Methylcyclohexane	9.07	83	4108	0.530	ug/l	87
42) 1,2-Dichloroethane	8.10	62	3389	0.460	ug/l #	78
48) Methyl methacrylate	9.15	41	1429	0.274	ug/l #	42
49) 1,4-Dioxane	9.19	88	93	1.152	ug/l #	1
60) Dibromochloromethane	10.62	129	1462	0.295	ug/l #	11
64) Tetrachloroethene	10.63	164	1677	0.409	ug/l	86
65) Chlorobenzene	11.44	112	4375	0.368	ug/l	94
71) Bromoform	12.41	173	992	0.308	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	150212	29.089	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	150212	77.919	ug/l #	11
90) Hexachloroethane	14.00	117	2354	0.881	ug/l #	10
91) 1,2-Dichlorobenzene	13.66	146	2811	0.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.32	75	1577	1.202	ug/l #	5

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

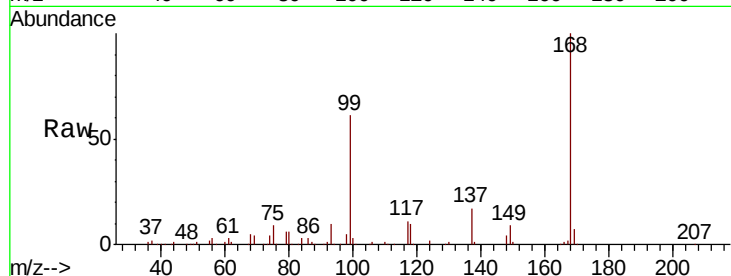
AMENDED-COMPOSITE-C

Tot Ion:168 Resp: 421618

Ion Ratio Lower Upper

168 100

99 61.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

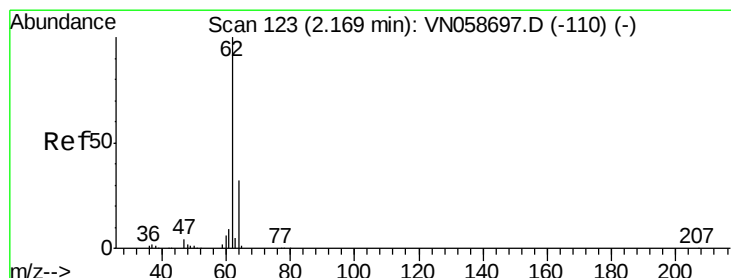
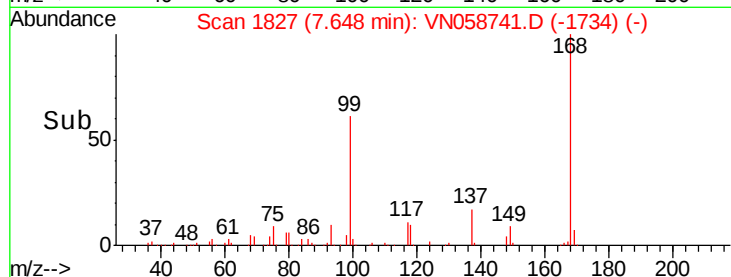
100000

50000

0

7.60 7.65 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 7.316 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058741.D

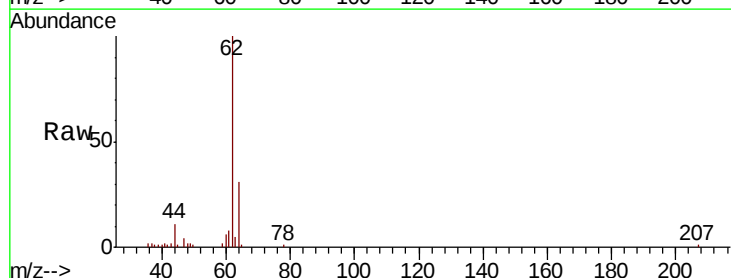
Acq: 12 Oct 2019 6:40

Tgt Ion: 62 Resp: 45496

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

30000

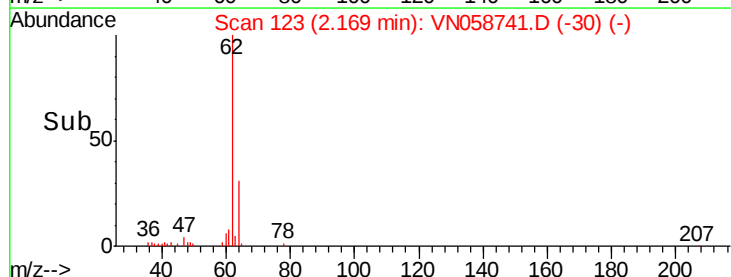
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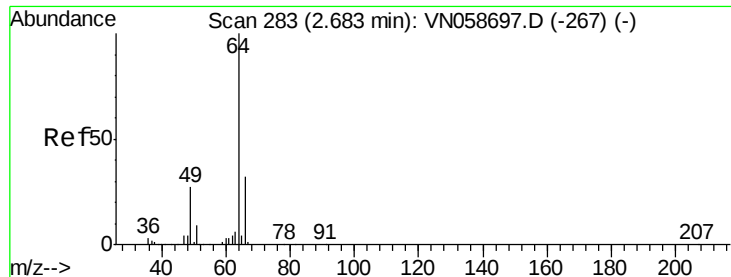
10000

0

2.10 2.15 2.20 2.25

Time-->





#6

Chloroethane

Concen: 0.766 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

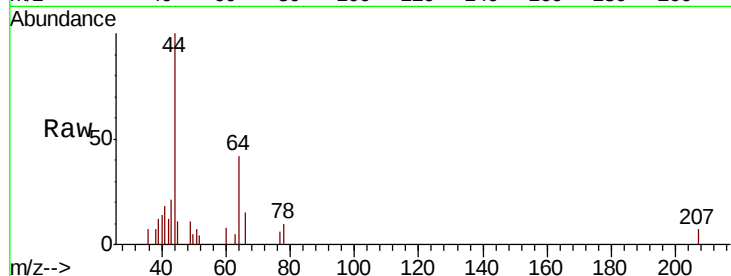
AMENDED-COMPOSITE-C

Tot Ion: 64 Resp: 2939

Ion Ratio Lower Upper

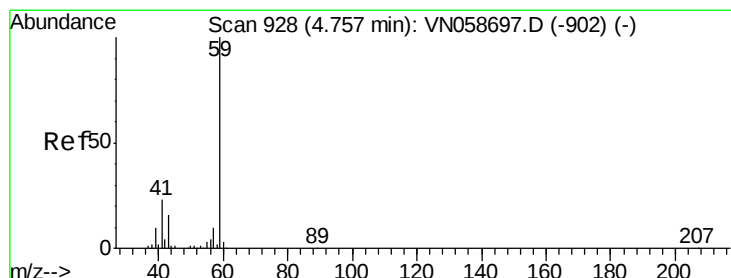
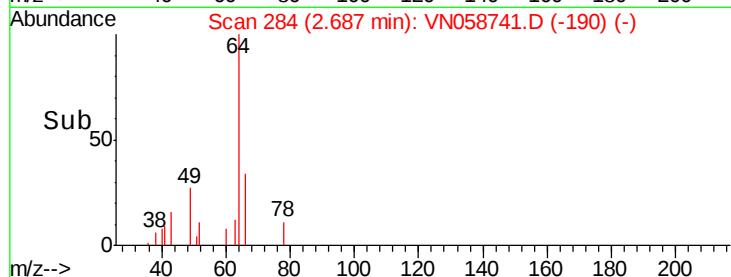
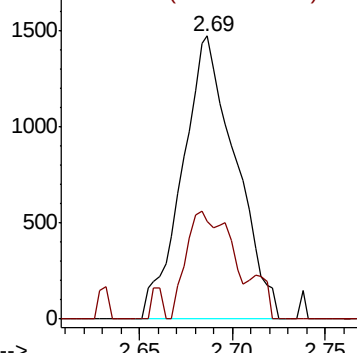
64 100

66 34.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#11

Tert butyl alcohol

Concen: 0.441 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058741.D

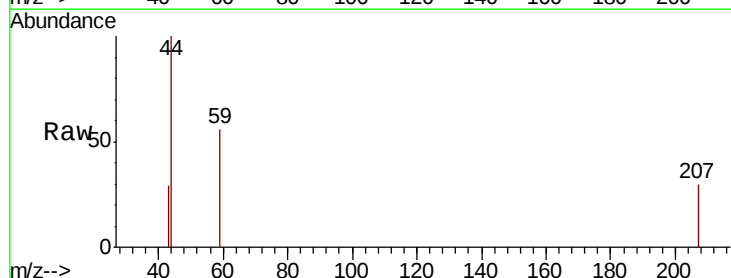
Acq: 12 Oct 2019 6:40

Tgt Ion: 59 Resp: 422

Ion Ratio Lower Upper

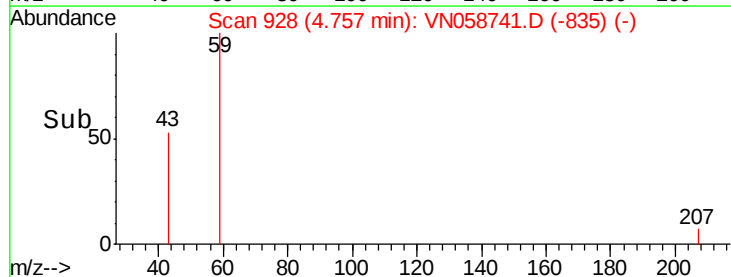
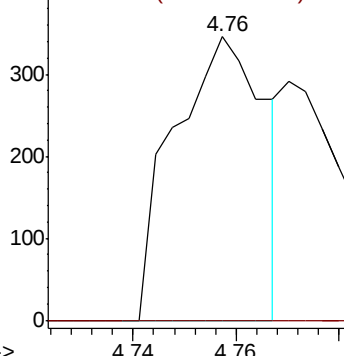
59 100

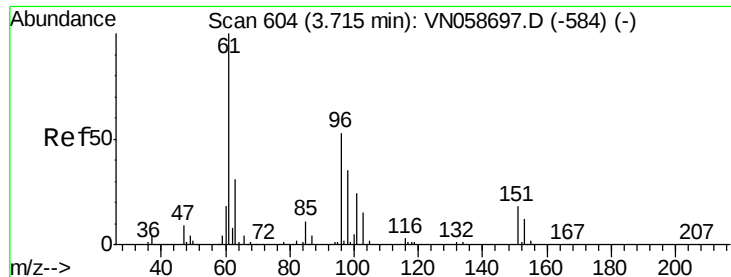
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 0.983 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

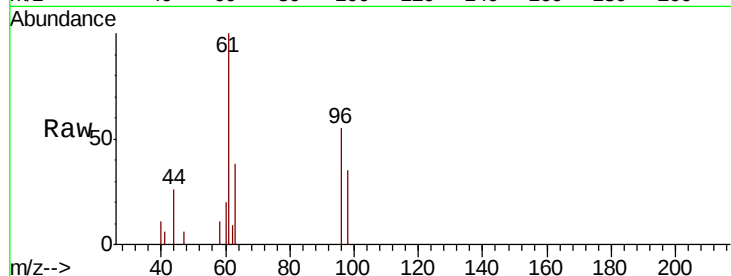
Tot Ion: 96 Resp: 3979

Ion Ratio Lower Upper

96 100

61 169.5 151.3 226.9

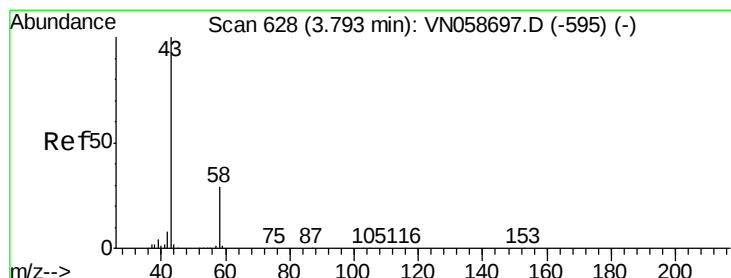
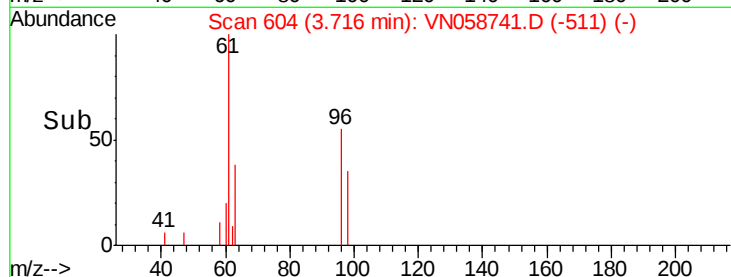
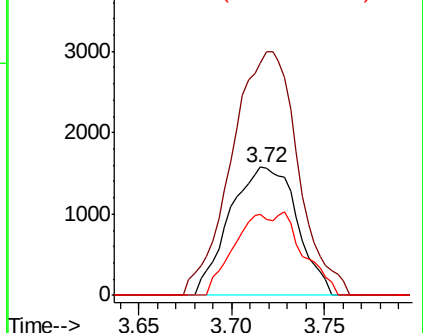
98 63.5 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 15.024 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058741.D

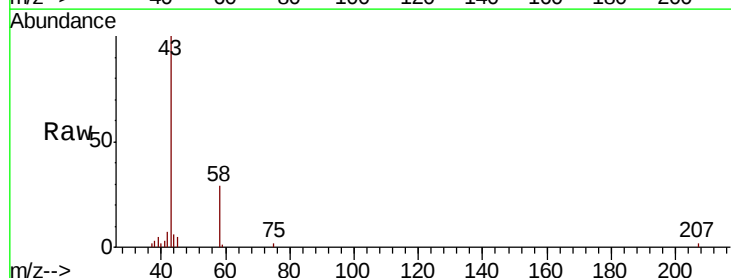
Acq: 12 Oct 2019 6:40

Tgt Ion: 43 Resp: 36713

Ion Ratio Lower Upper

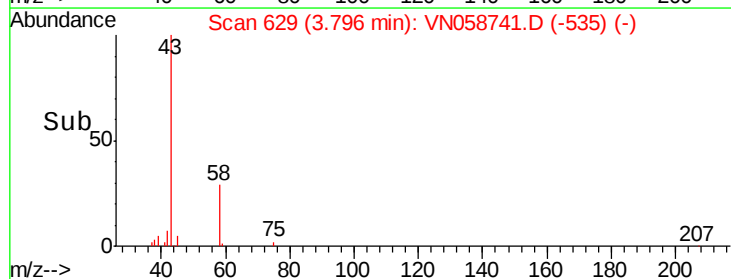
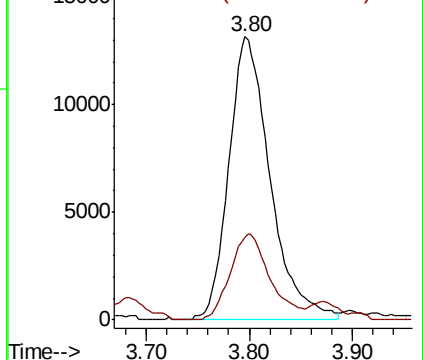
43 100

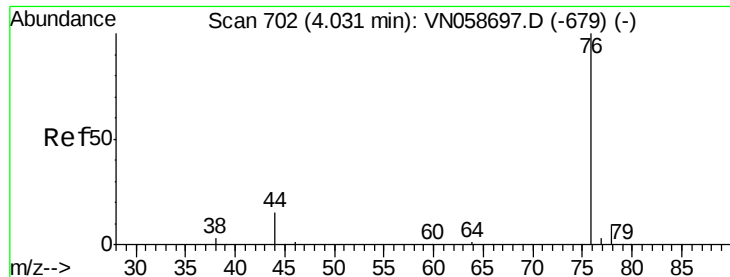
58 29.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

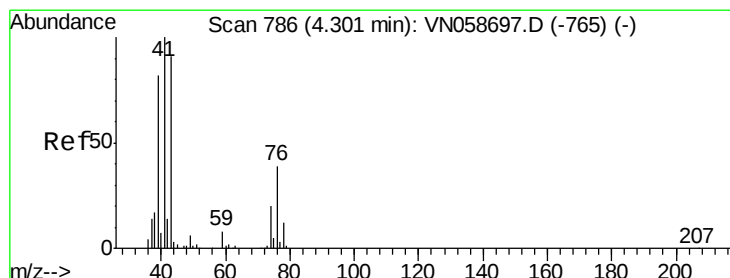
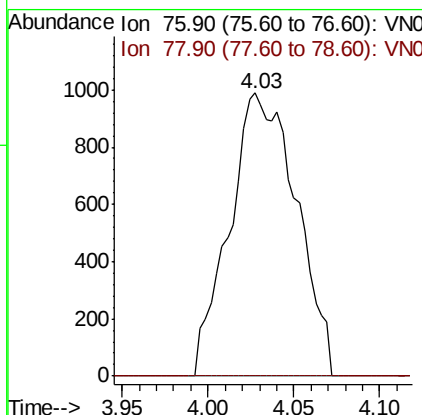
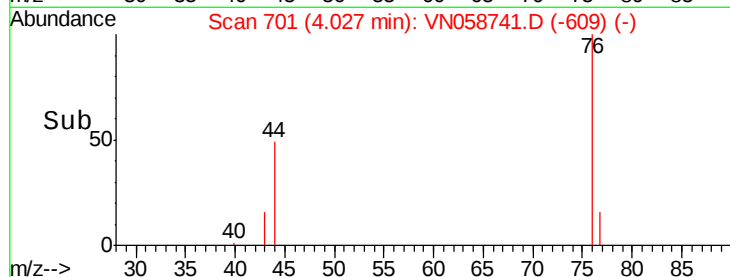
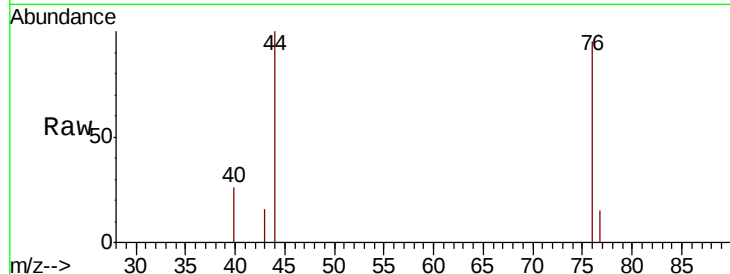




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

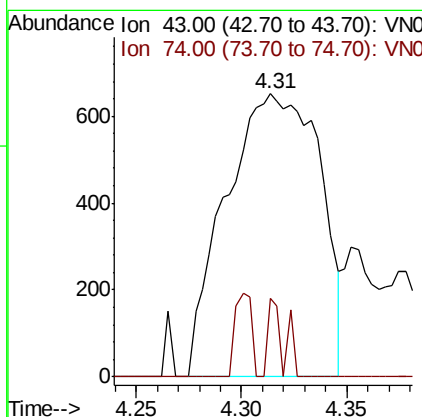
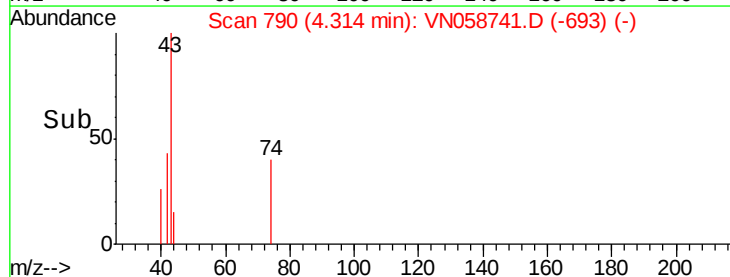
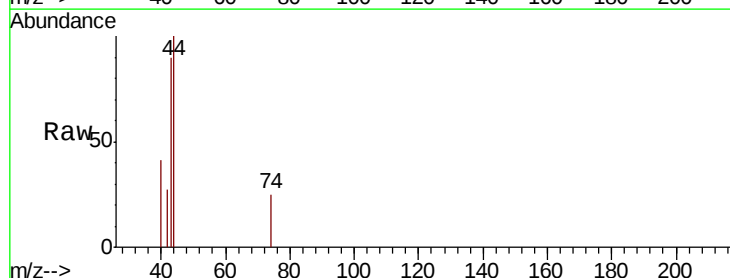
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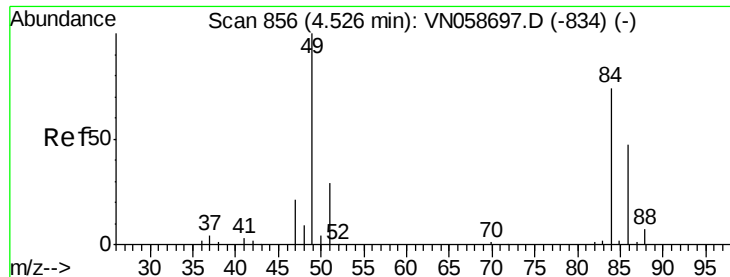
Tot Ion: 76 Resp: 2683
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
74 4.7 17.2 25.8#

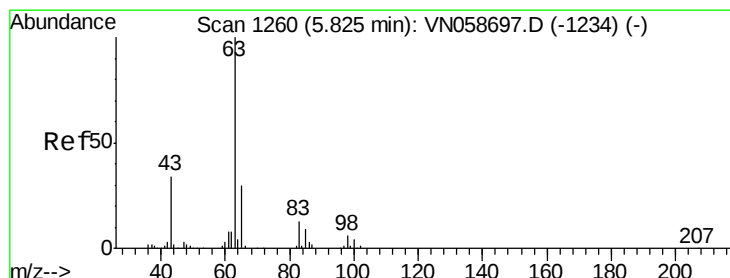
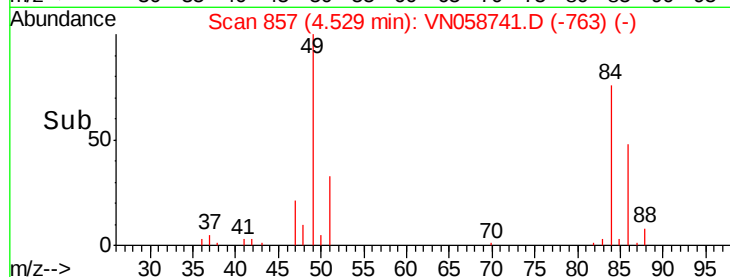
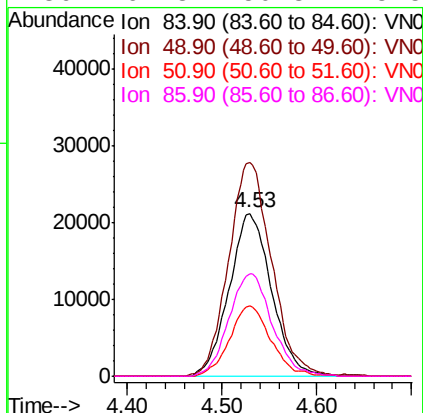
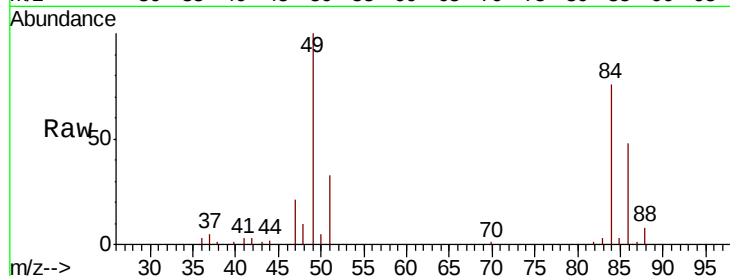




#20
Methvlene Chloride
Concen: 12.896 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

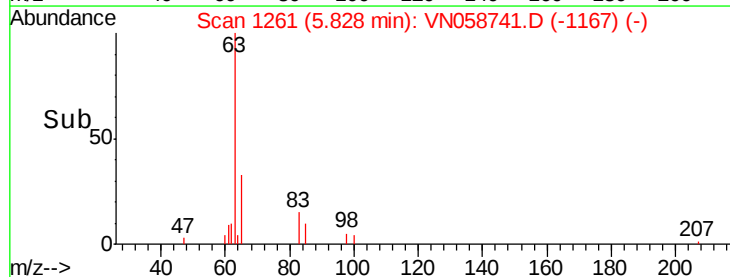
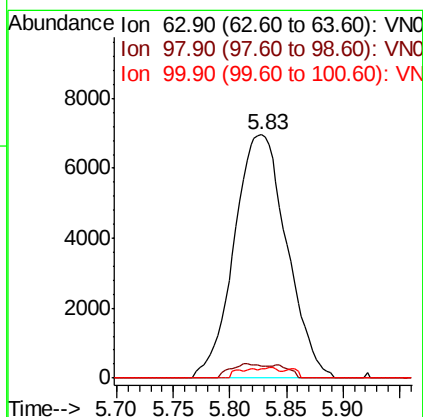
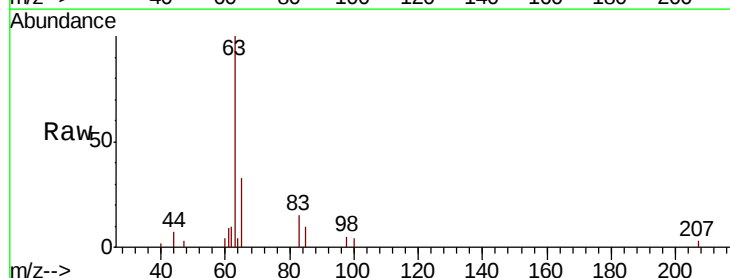
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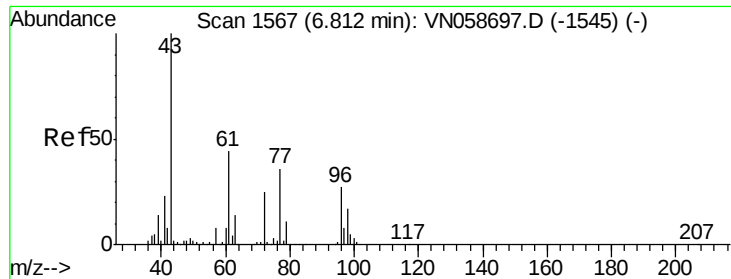
Tot Ion: 84 Resp: 65863
Ion Ratio Lower Upper
84 100
49 130.6 107.6 161.4
51 43.3 31.4 47.0
86 62.8 50.3 75.5



#24
1,1-Dichloroethane
Concen: 2.486 ug/l
RT: 5.83 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion: 63 Resp: 22495
Ion Ratio Lower Upper
63 100
98 4.9 2.9 8.6
100 3.6 1.8 5.5

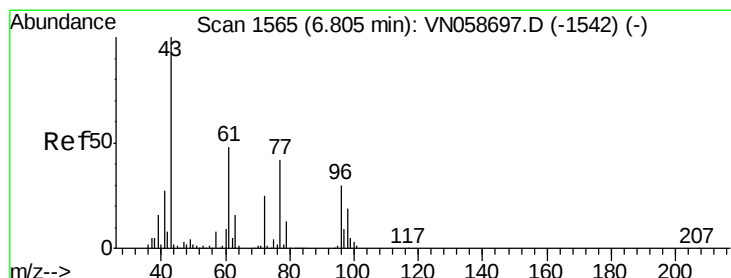
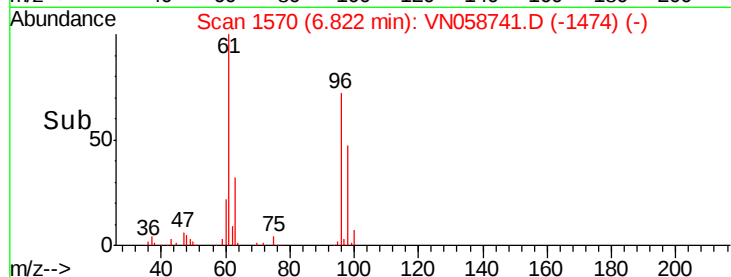
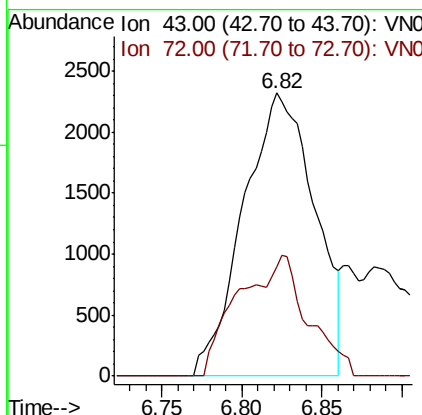
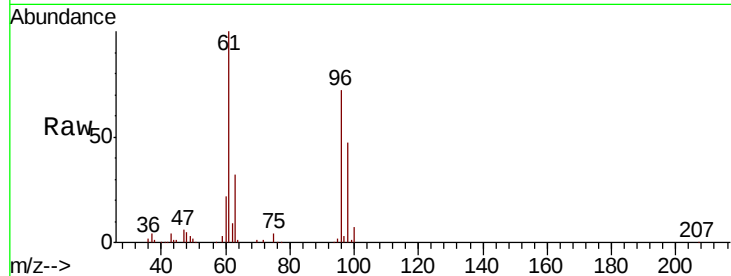




#25
2-Butanone
Concen: 2.022 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

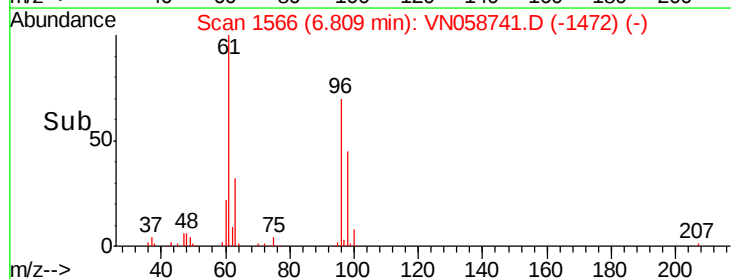
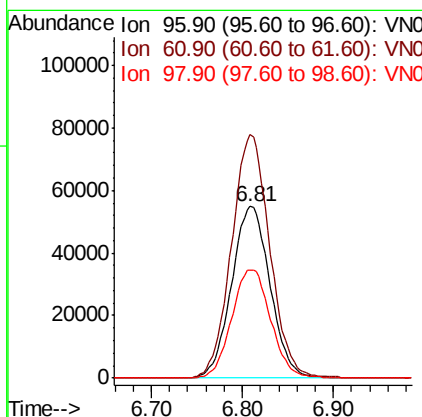
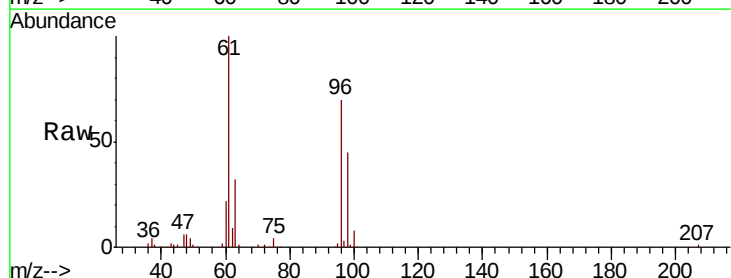
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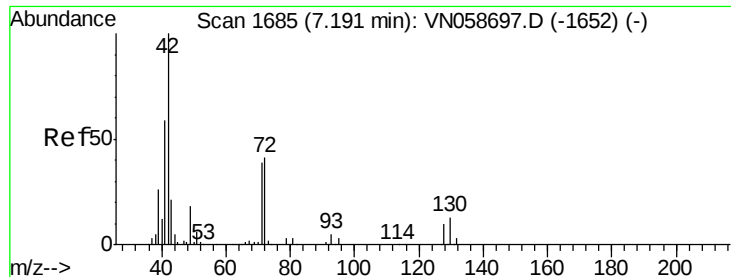
Tot Ion: 43 Resp: 7142
Ion Ratio Lower Upper
43 100
72 38.7 20.2 30.2#



#27
cis-1,2-Dichloroethene
Concen: 30.613 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion: 96 Resp: 161683
Ion Ratio Lower Upper
96 100
61 140.7 0.0 324.8
98 63.9 0.0 129.2

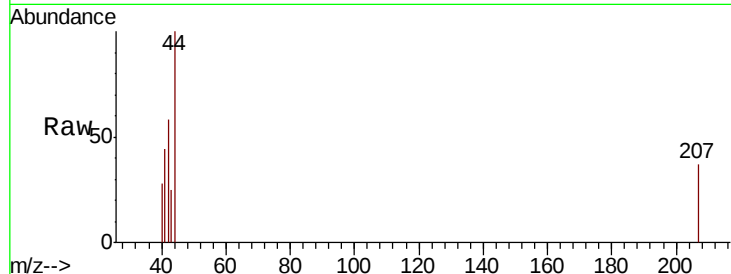




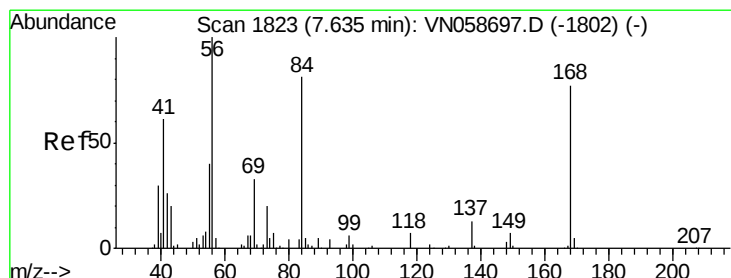
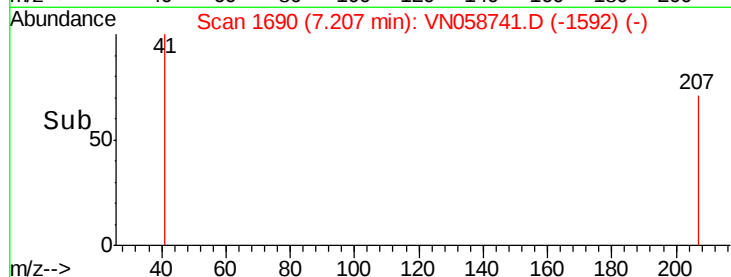
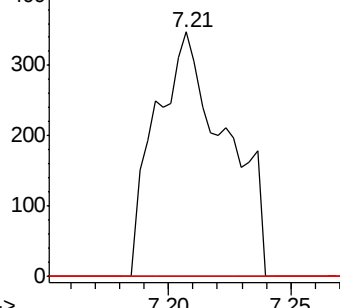
#29
Tetrahydrofuran
Concen: 0.304 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion: 42 Resp: 693
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.1 46.7#

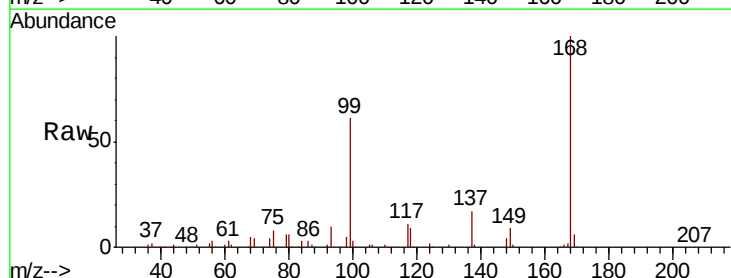


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

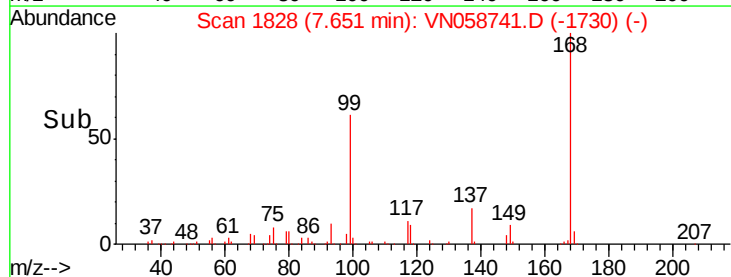
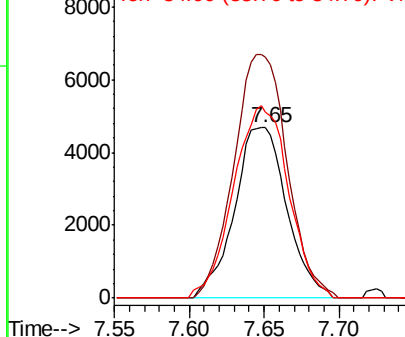


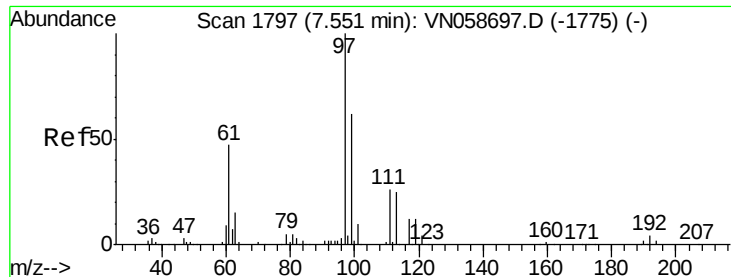
#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion: 56 Resp: 11407
Ion Ratio Lower Upper
56 100
69 141.7 26.2 39.4#
84 109.1 64.9 97.3#



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





#32

1,1,1-Trichloroethane

Concen: 0.311 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

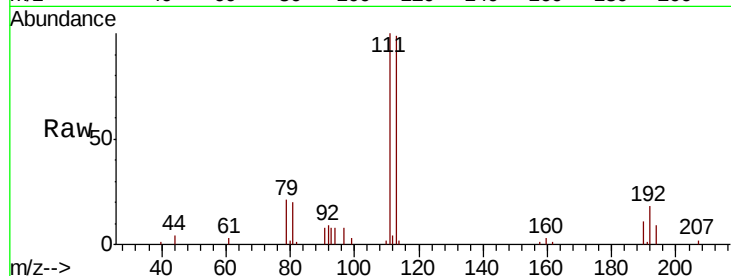
Tot Ion: 97 Resp: 2412

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 34.5 38.1 57.1#

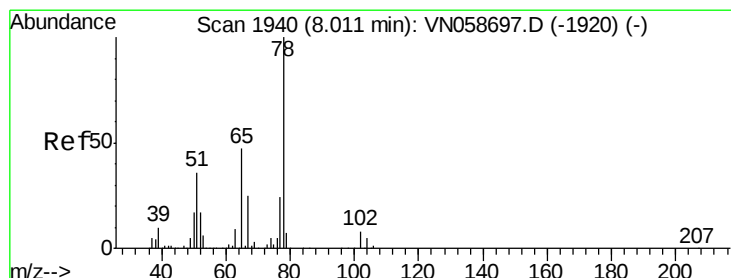
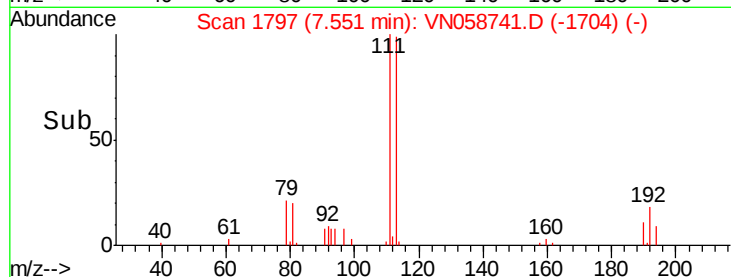
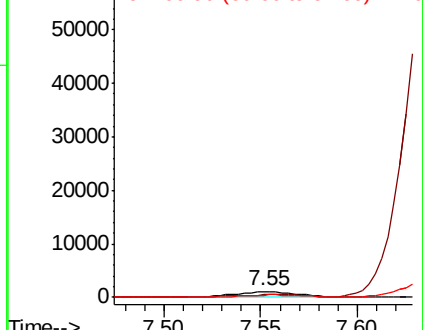


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.460 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058741.D

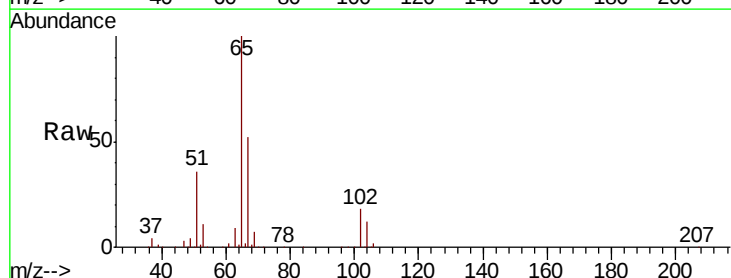
Acq: 12 Oct 2019 6:40

Tgt Ion: 65 Resp: 303747

Ion Ratio Lower Upper

65 100

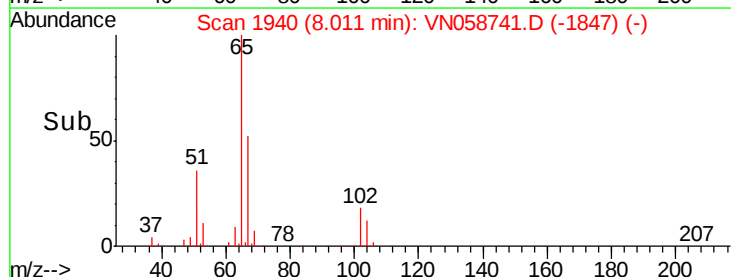
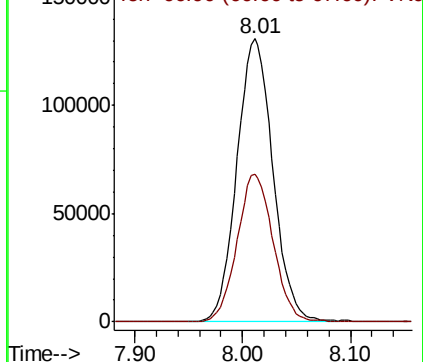
67 52.3 0.0 103.8

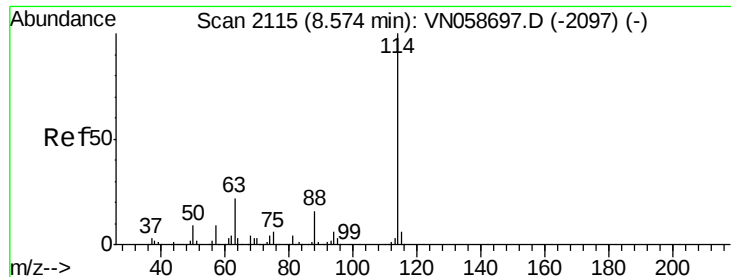


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

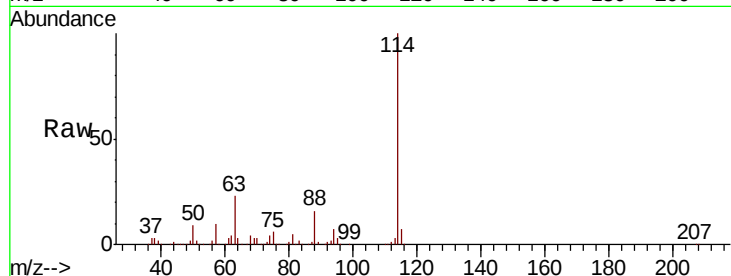




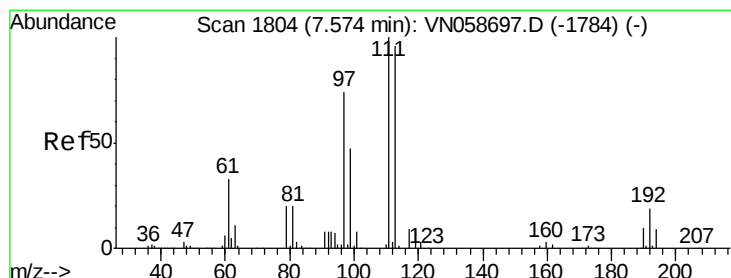
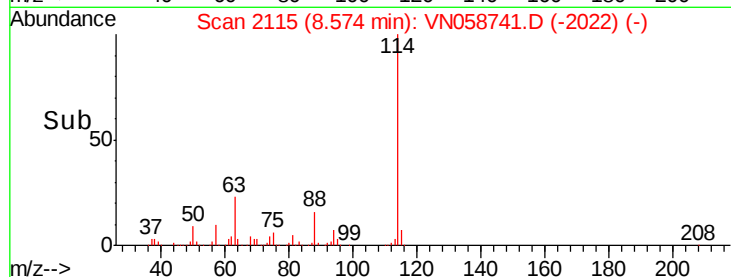
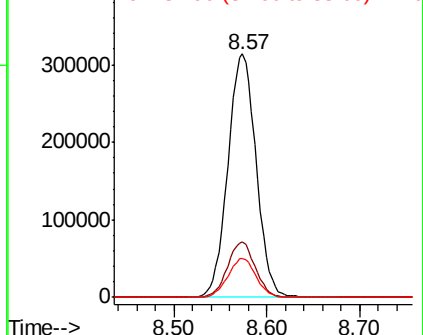
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.8
88	16.1	0.0	32.0

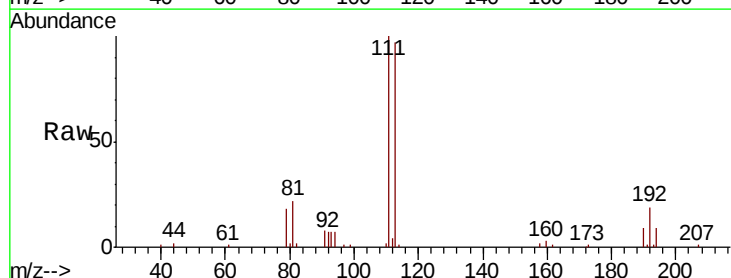


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

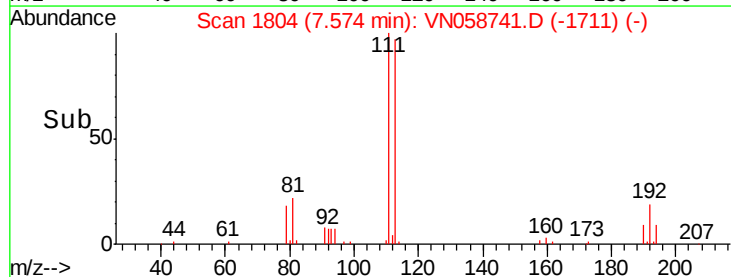
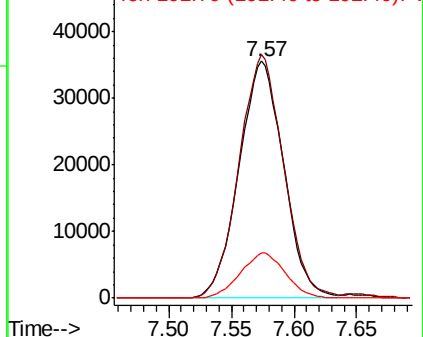


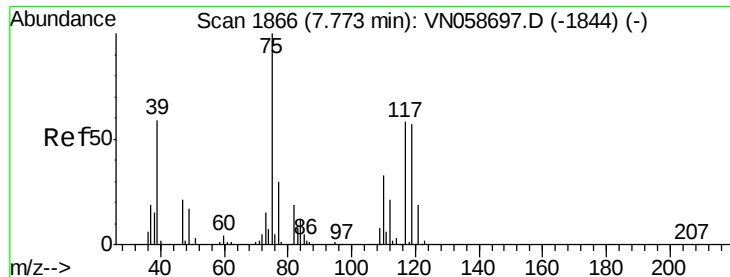
#35
 Dibromofluoromethane
 Concen: 21.571 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	19.2	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

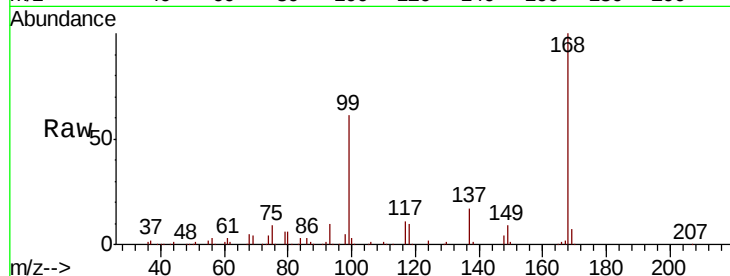




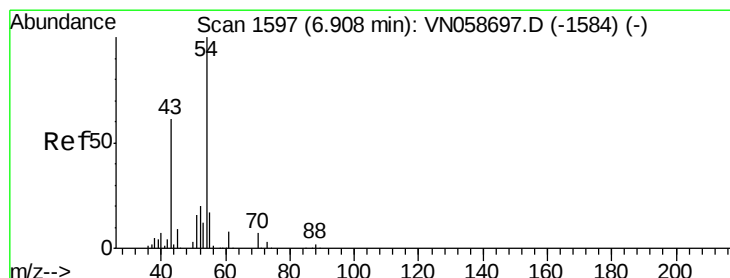
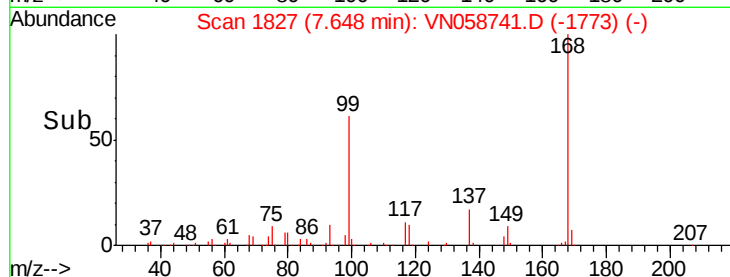
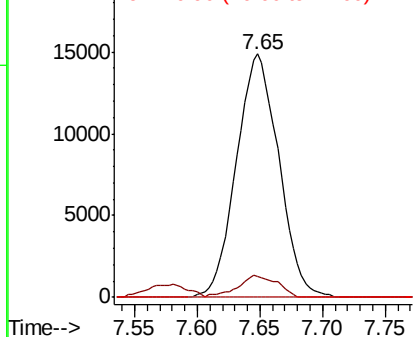
#36
 1,1-Dichloropropene
 Concen: 5.235 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.6	49.8#
77	0.0	24.6	37.0#

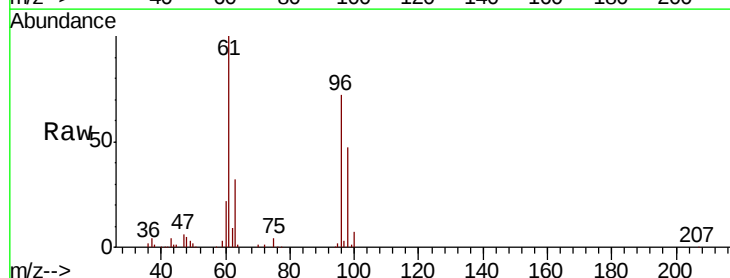


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

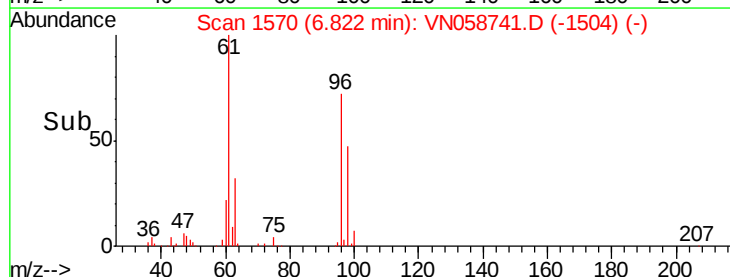
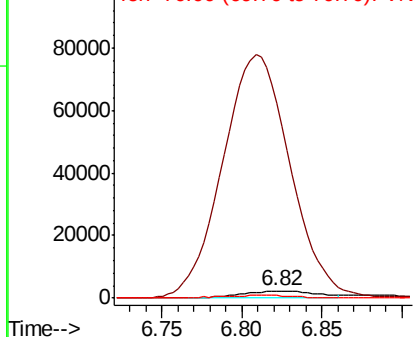


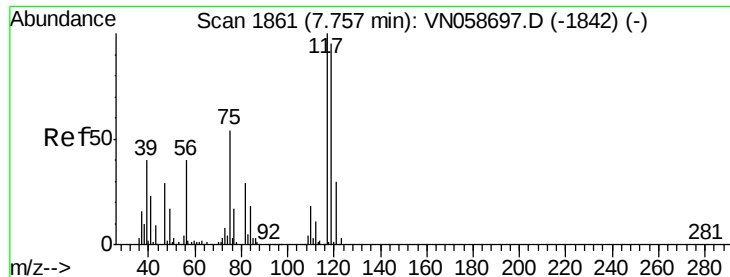
#37
 Ethyl Acetate
 Concen: 1.057 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.09 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3185.5	11.3	16.9#
70	35.3	7.2	10.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

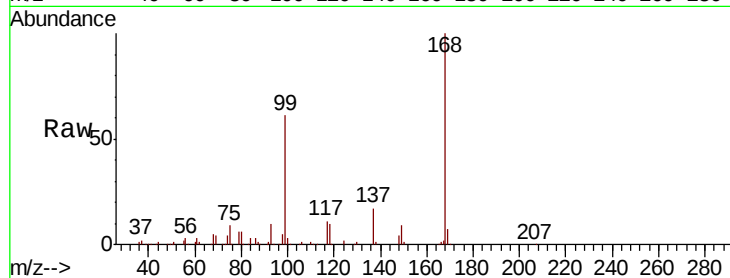




#38
Carbon Tetrachloride
Concen: 6.620 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.7	113.5#
121	0.0	23.9	35.9#

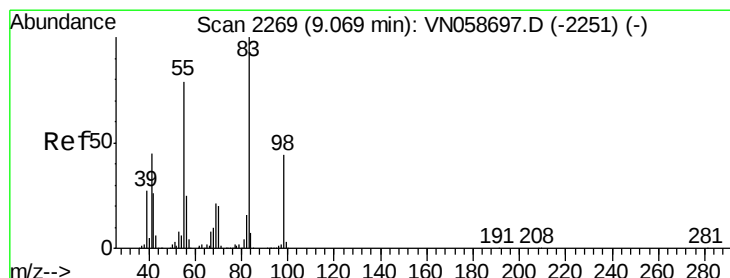
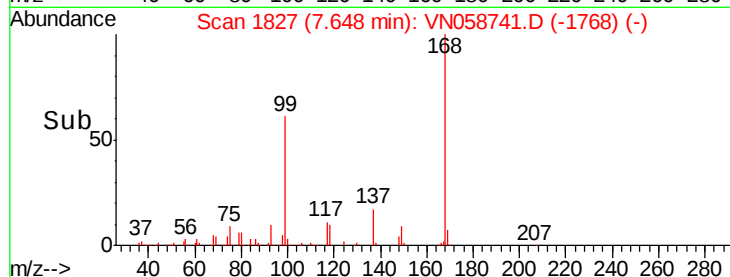
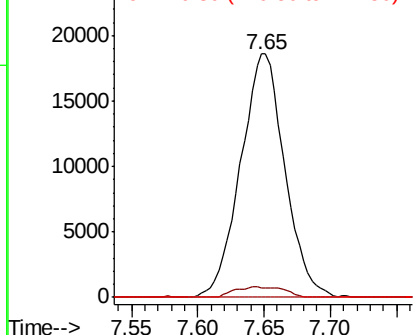


Abundance

Ion 116.80 (116.50 to 117.50): V

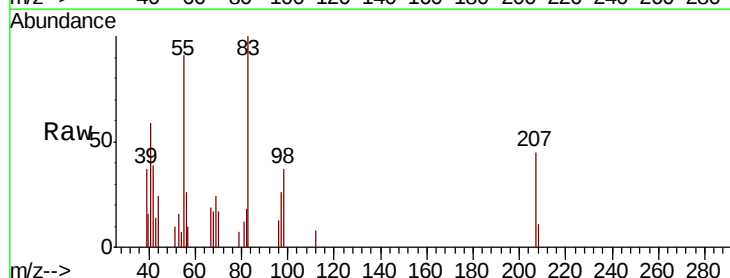
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.530 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.5	63.4	95.0
98	37.0	35.1	52.7

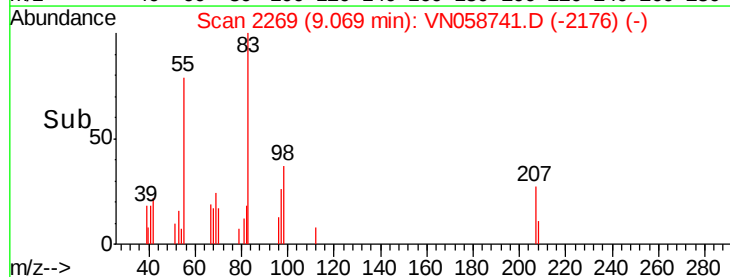
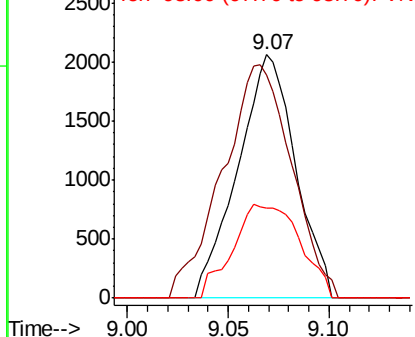


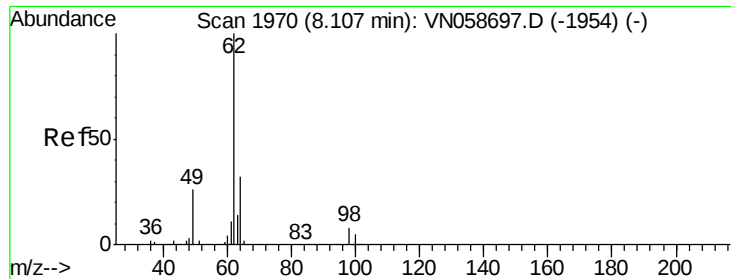
Abundance

Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#42

1,2-Dichloroethane

Concen: 0.460 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

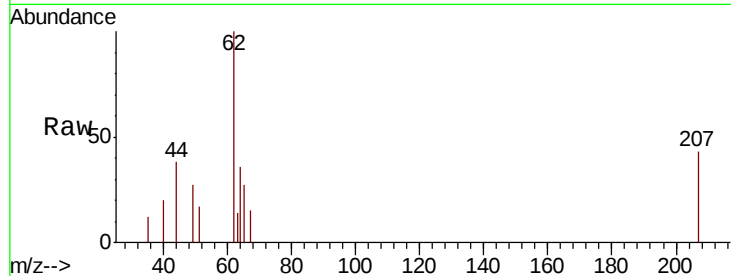
AMENDED-COMPOSITE-C

Tot Ion: 62 Resp: 3389

Ion Ratio Lower Upper

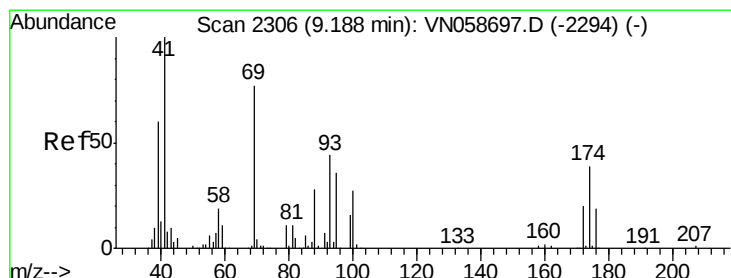
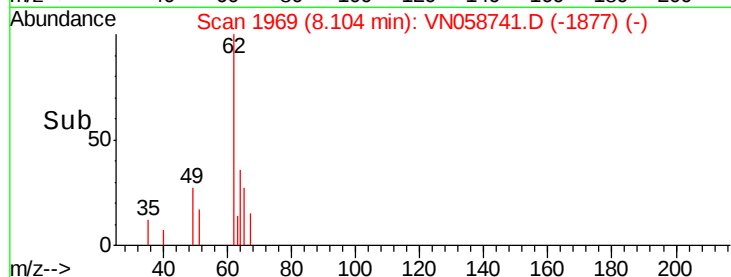
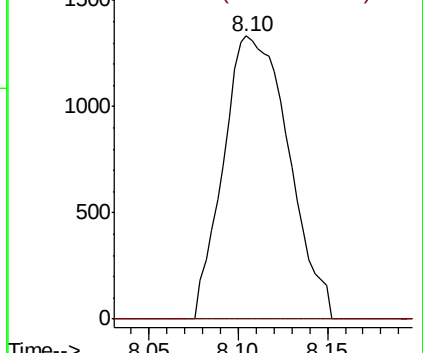
62 100

98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN058697.D (-1954) (-)

Ion 97.90 (97.60 to 98.60): VN058697.D (-1954) (-)



#48

Methyl methacrylate

Concen: 0.274 ug/l

RT: 9.15 min Scan# 2295

Delta R.T. -0.04 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

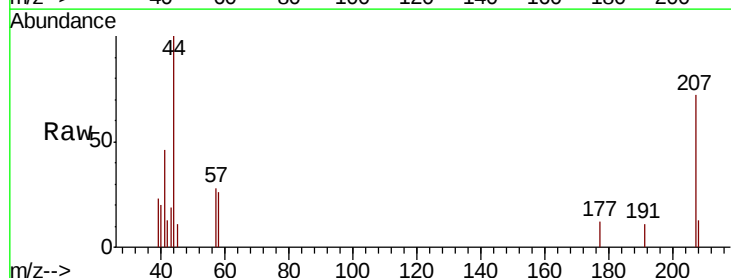
Tgt Ion: 41 Resp: 1429

Ion Ratio Lower Upper

41 100

69 0.0 63.4 95.2#

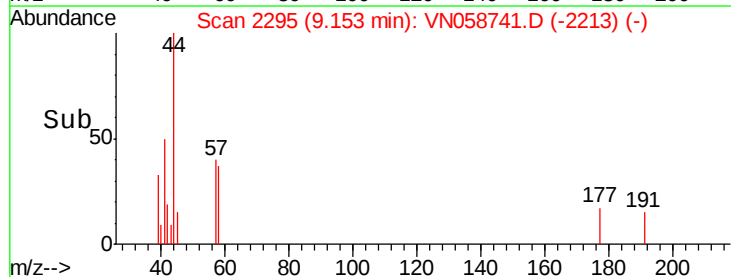
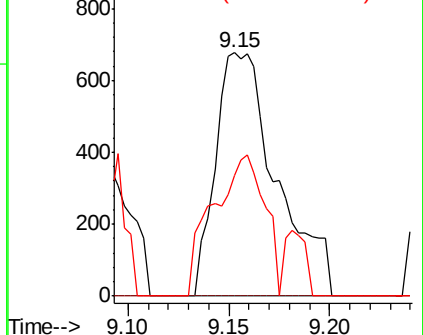
39 49.0 48.9 73.3

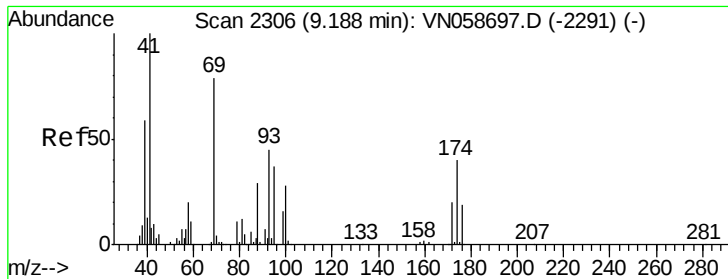


Abundance Ion 41.00 (40.70 to 41.70): VN058697.D (-2294) (-)

Ion 69.00 (68.70 to 69.70): VN058697.D (-2294) (-)

Ion 39.00 (38.70 to 39.70): VN058697.D (-2294) (-)

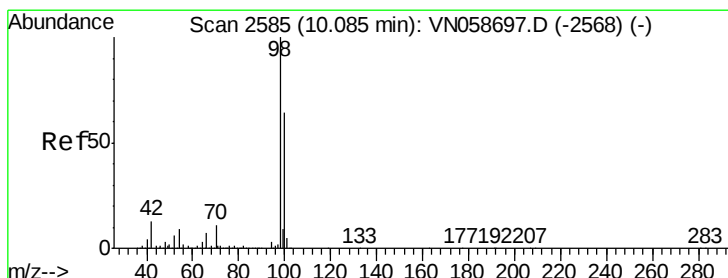
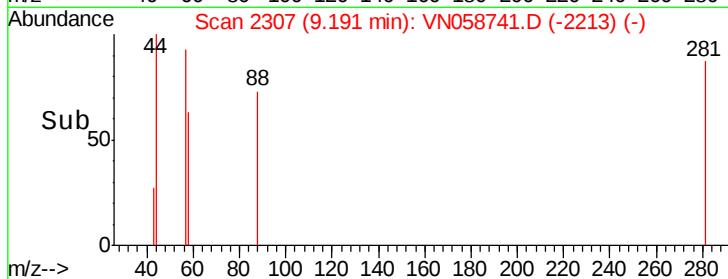
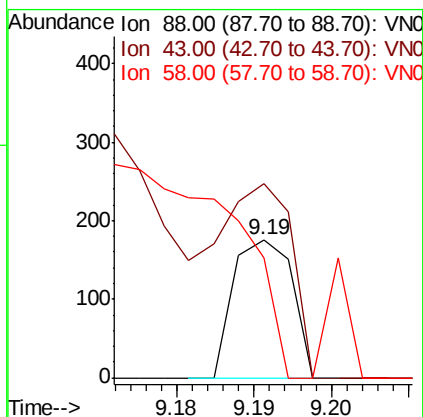
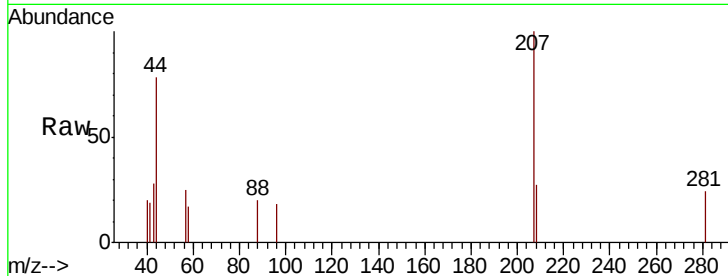




#49
1,4-Dioxane
Concen: 1.152 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

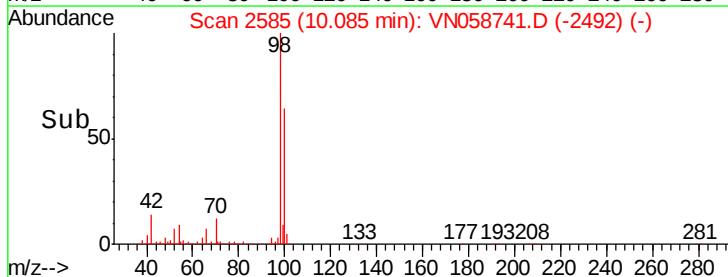
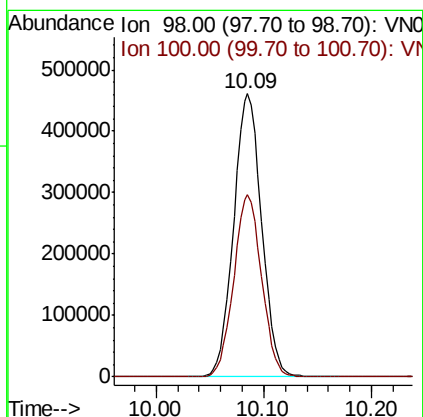
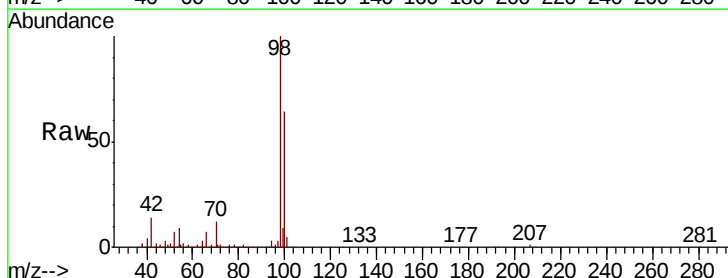
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-C

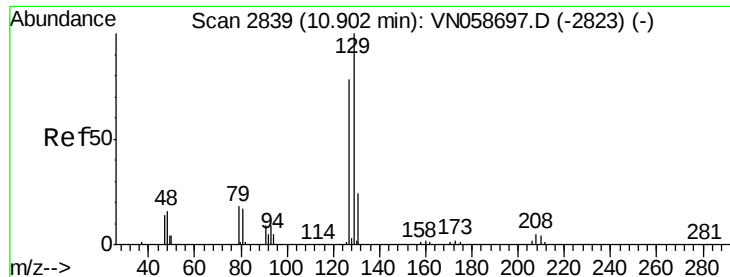
Tot Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 177.4 28.6 43.0#
58 32.3 57.2 85.8#



#50
Toluene-d8
Concen: 51.290 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion: 98 Resp: 836939
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

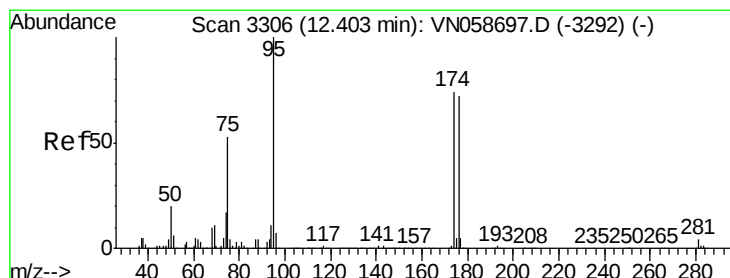
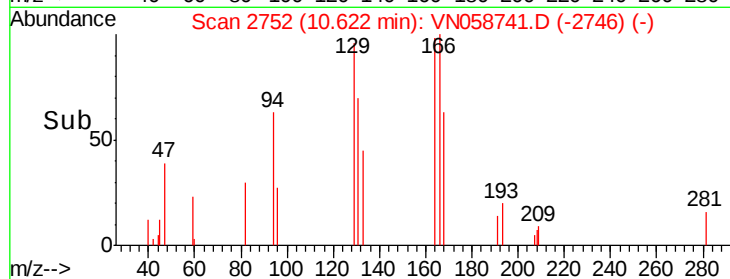
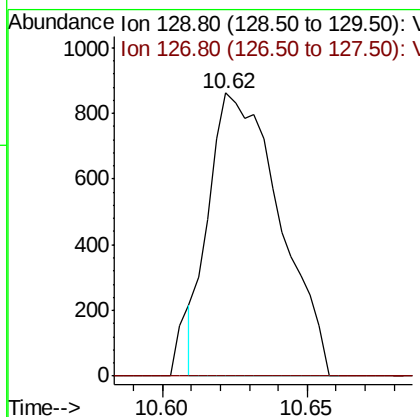
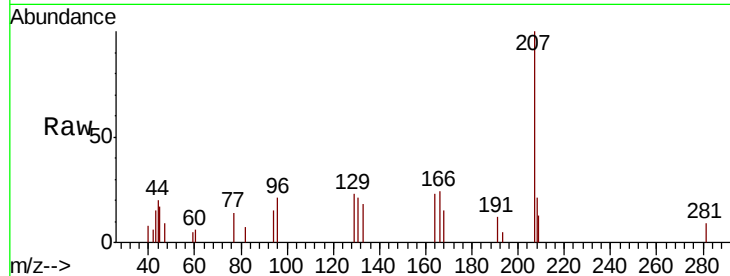




#60
 Dibromochloromethane
 Concen: 0.295 ug/l
 RT: 10.62 min Scan# 2752
 Delta R.T. -0.28 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

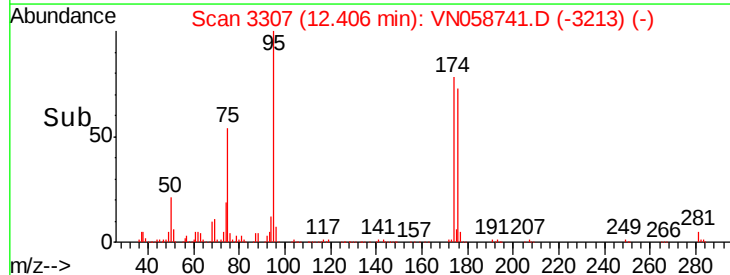
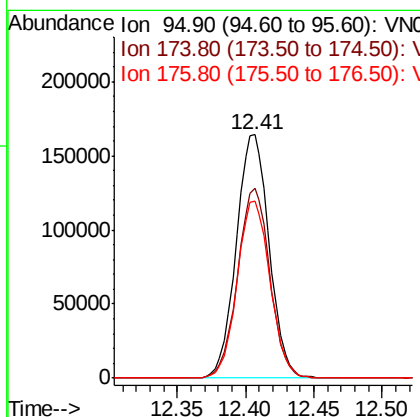
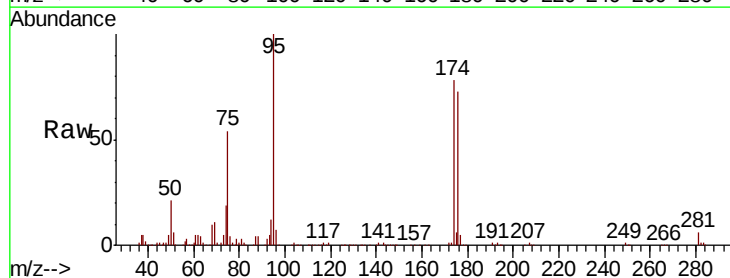
Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMPOSITE-C

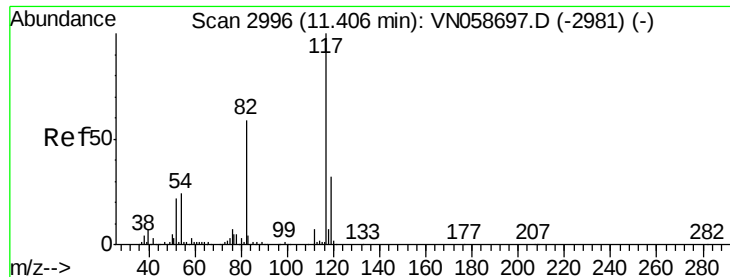
Tot Ion:129 Resp: 1462
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



#62
 4-Bromofluorobenzene
 Concen: 44.524 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058741.D
 Acq: 12 Oct 2019 6:40

Tgt Ion: 95 Resp: 275008
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.4
 176 72.8 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: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

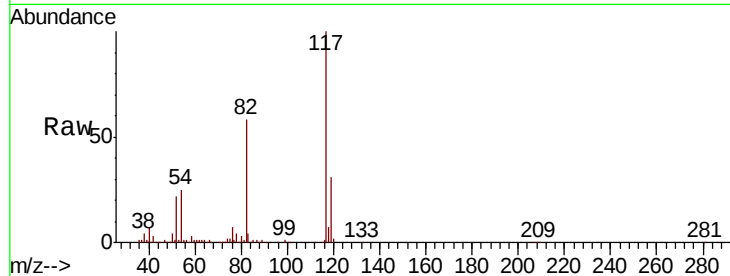
Tot Ion:117 Resp: 585323

Ion Ratio Lower Upper

117 100

82 57.8 47.0 70.4

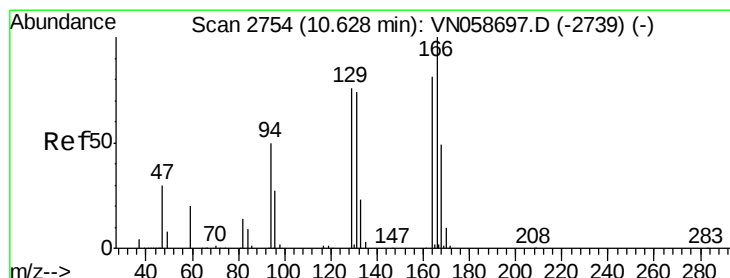
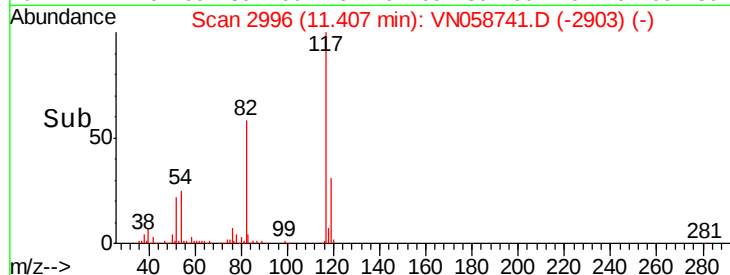
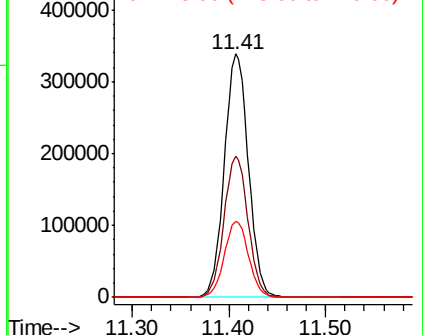
119 31.3 25.4 38.2



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



#64

Tetrachloroethene

Concen: 0.409 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.01 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Tgt Ion:164 Resp: 1677

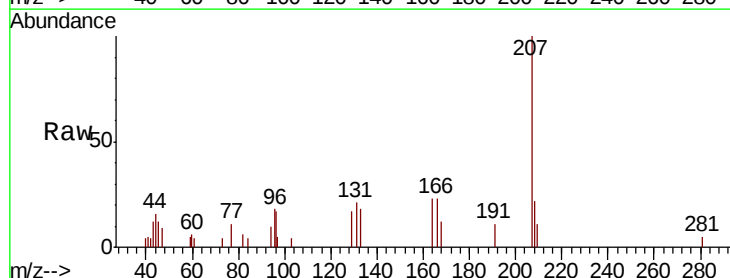
Ion Ratio Lower Upper

164 100

166 102.4 99.3 148.9

129 76.5 75.2 112.8

131 94.2 73.0 109.4

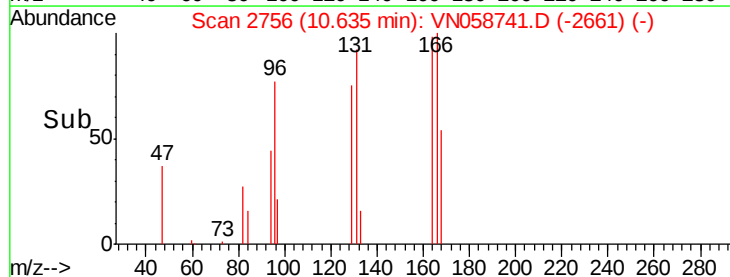
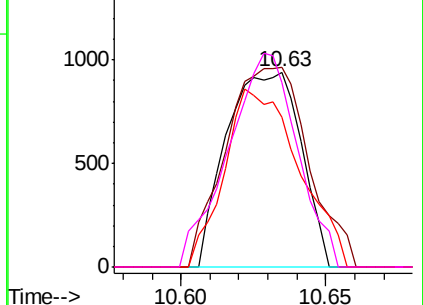


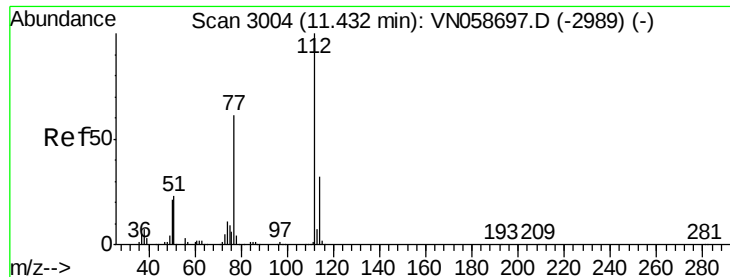
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

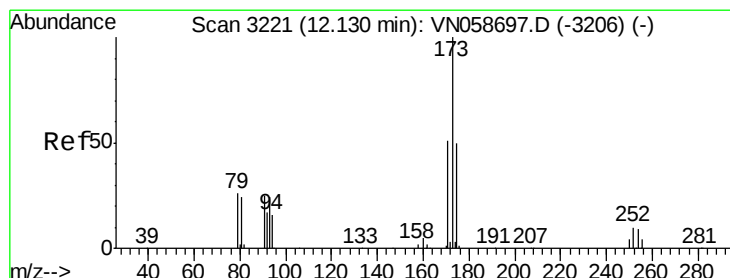
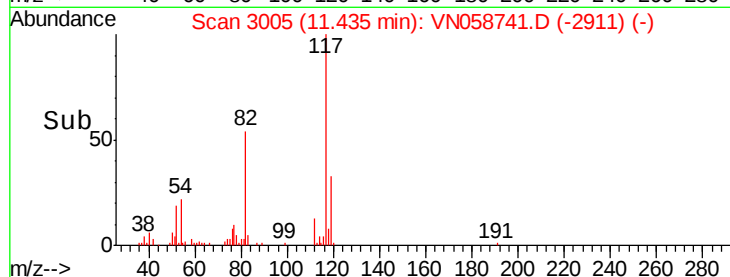
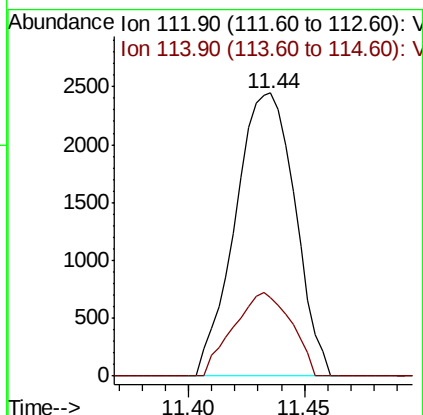
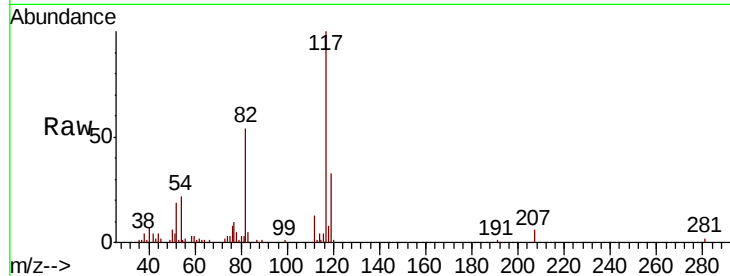




#65
Chlorobenzene
Concen: 0.368 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

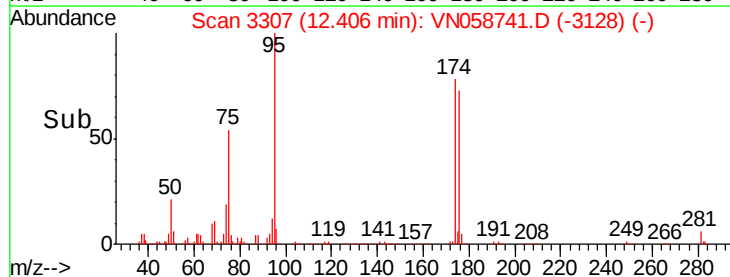
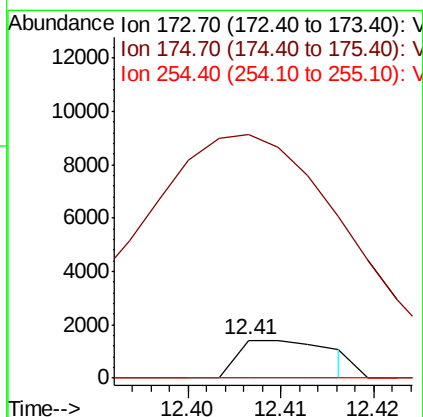
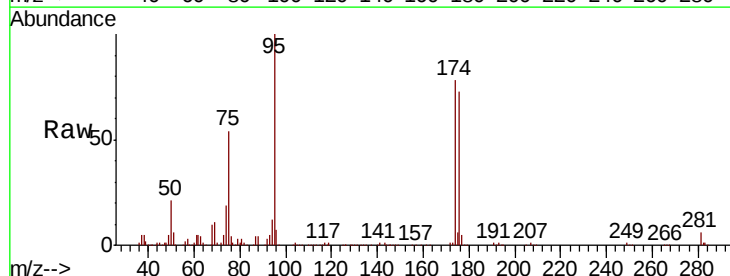
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-C

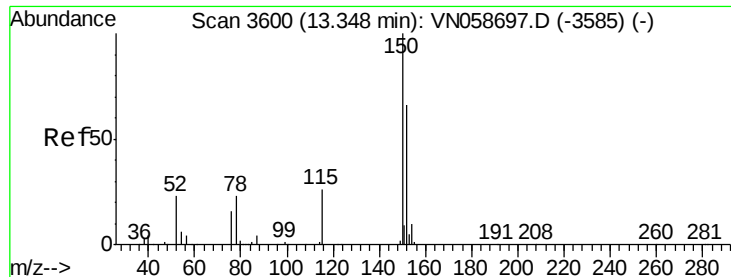
Tot Ion:112 Resp: 4375
Ion Ratio Lower Upper
112 100
114 27.9 25.2 37.8



#71
Bromoform
Concen: 0.308 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058741.D
Acq: 12 Oct 2019 6:40

Tgt Ion:173 Resp: 992
Ion Ratio Lower Upper
173 100
175 1352.9 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

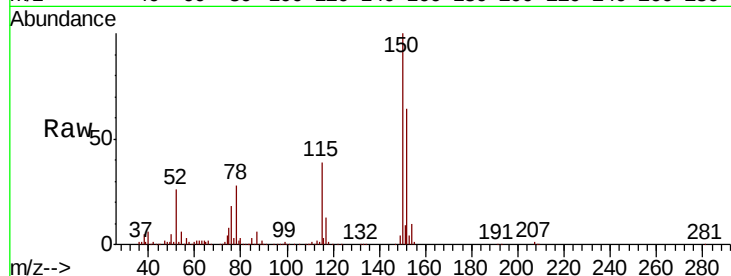
Tot Ion:152 Resp: 235393

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

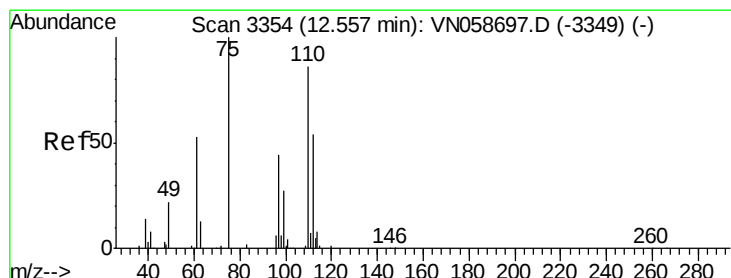
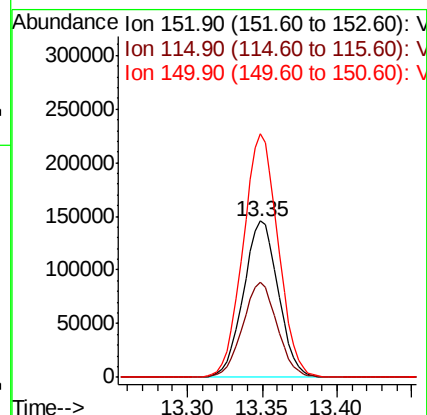
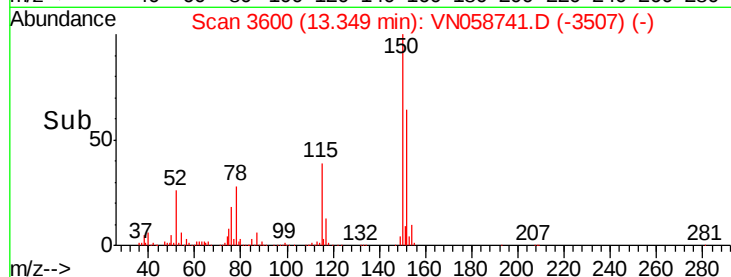
150 157.1 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 29.089 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058741.D

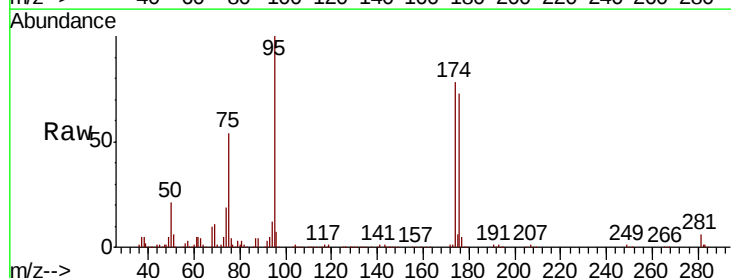
Acq: 12 Oct 2019 6:40

Tgt Ion: 75 Resp: 150212

Ion Ratio Lower Upper

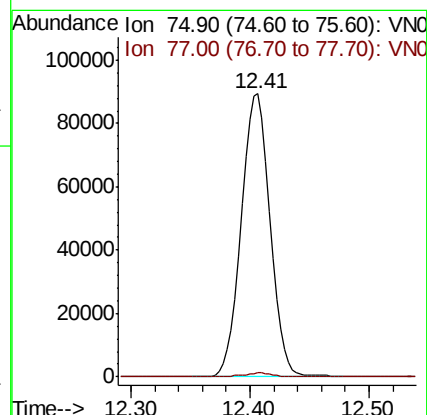
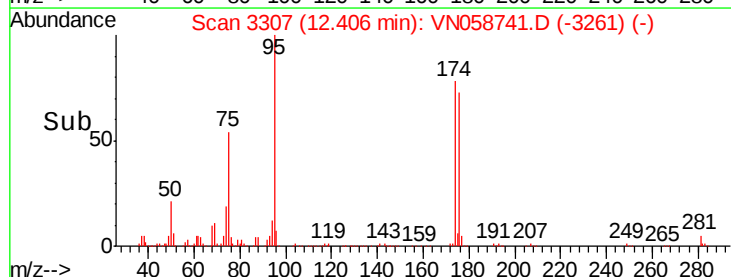
75 100

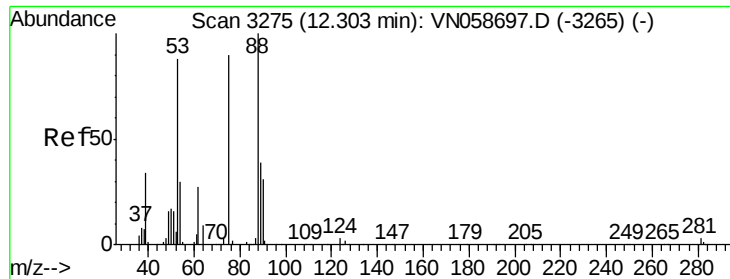
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 77.919 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

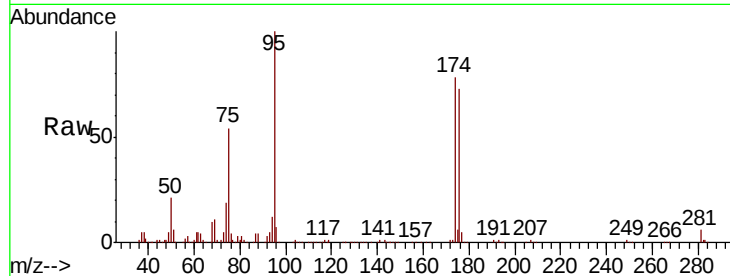
Tot Ion: 75 Resp: 150212

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

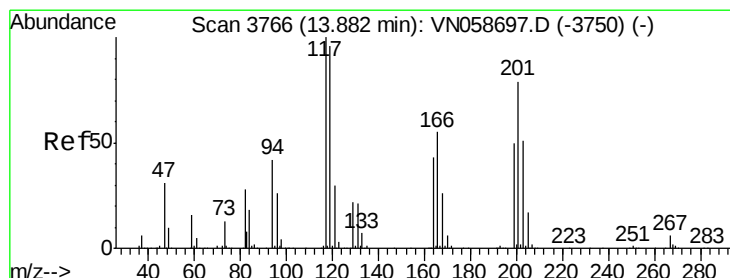
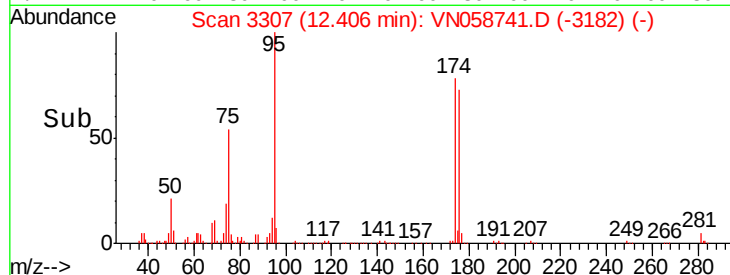
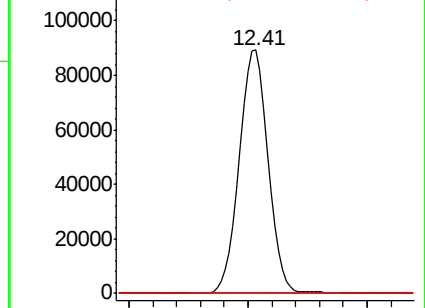
89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#90

Hexachloroethane

Concen: 0.881 ug/l

RT: 14.00 min Scan# 3804

Delta R.T. 0.12 min

Lab File: VN058741.D

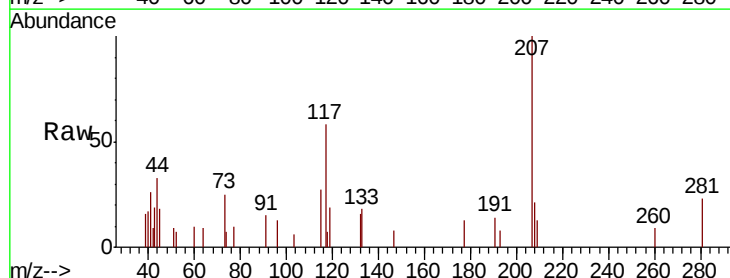
Acq: 12 Oct 2019 6:40

Tgt Ion: 117 Resp: 2354

Ion Ratio Lower Upper

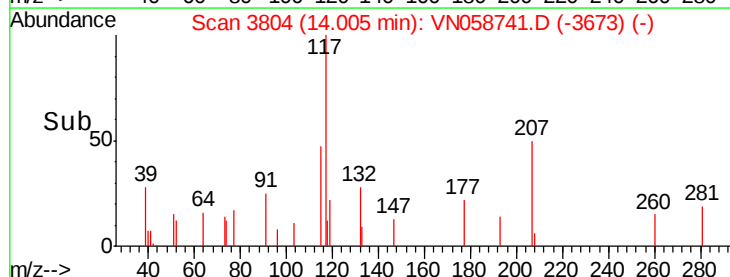
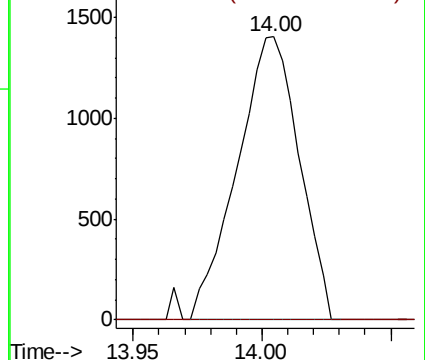
117 100

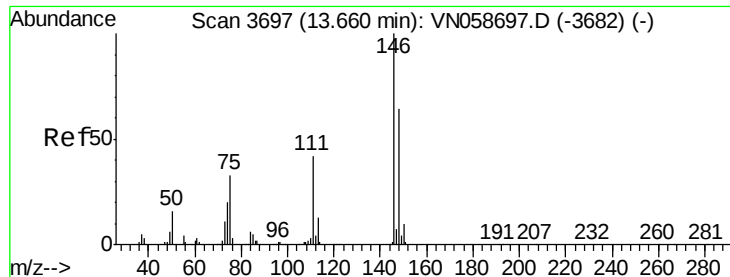
201 0.0 39.6 118.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.377 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMPOSITE-C

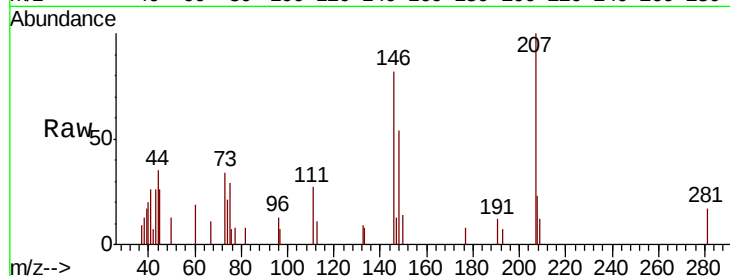
Tot Ion:146 Resp: 2811

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.4

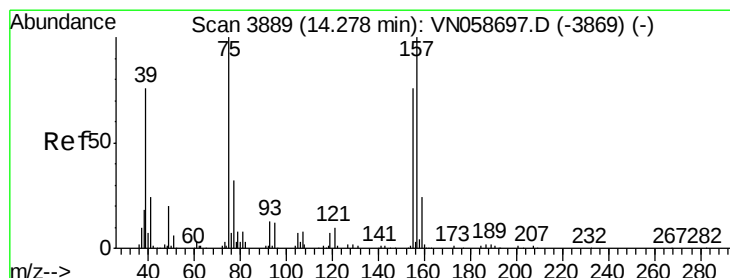
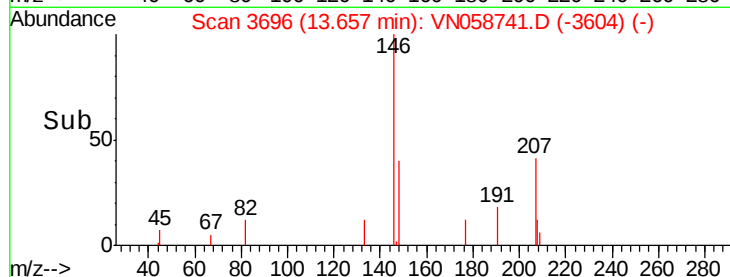
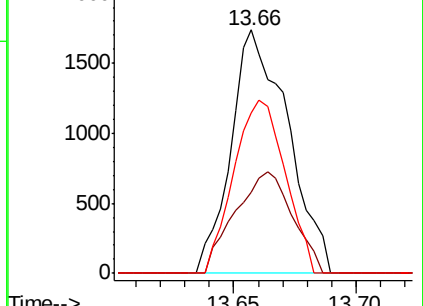
148 64.4 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.202 ug/l

RT: 14.32 min Scan# 3903

Delta R.T. 0.05 min

Lab File: VN058741.D

Acq: 12 Oct 2019 6:40

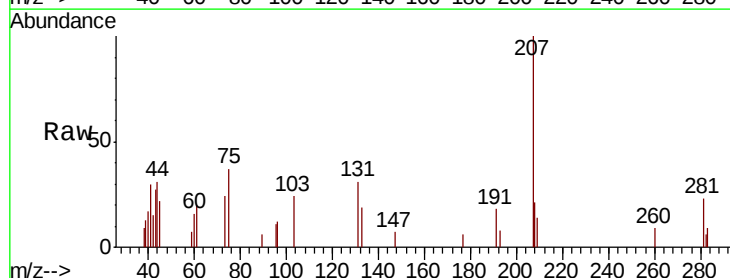
Tgt Ion: 75 Resp: 1577

Ion Ratio Lower Upper

75 100

155 0.0 37.9 113.6#

157 0.0 49.4 148.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

