

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058484.D
 Acq On : 2 Oct 2019 18:51
 Operator : JC/SP
 Sample : K4660-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Oct 03 05:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203492	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	285193	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.58	113	200131	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.09	98	803238	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.41	95	248389	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	

Target Compounds					Qvalue	
3) Chloromethane	2.04	50	1240	0.272	ug/l	97
11) Tert butyl alcohol	4.72	59	199	0.324	ug/l #	71
14) Allyl chloride	4.54	41	3606	0.556	ug/l #	22
16) Acetone	3.80	43	12392	6.580	ug/l	99
18) Methyl Acetate	4.32	43	3770	0.796	ug/l #	89
20) Methylene Chloride	4.53	84	87362	20.101	ug/l	99
25) 2-Butanone	6.83	43	1632	0.631	ug/l	98
29) Tetrahydrofuran	7.21	42	820	0.500	ug/l #	44
31) Cyclohexane	7.65	56	14973	1.958	ug/l #	46
36) 1,1-Dichloropropene	7.65	75	32458	5.309	ug/l #	51
38) Carbon Tetrachloride	7.65	117	39617	7.180	ug/l #	16
43) Isopropyl Acetate	8.16	43	130325	13.372	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	2258	0.479	ug/l #	43
48) Methyl methacrylate	9.17	41	6570	1.480	ug/l #	13
49) 1,4-Dioxane	9.26	88	72	1.213	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6859	1.370	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	40010	5.856	ug/l #	68
56) Ethyl methacrylate	10.55	69	1818	0.297	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6962	0.969	ug/l #	43
59) 2-Hexanone	10.76	43	110260	30.246	ug/l #	53
60) Dibromochloromethane	10.63	129	2027	Below Cal	#	11
64) Tetrachloroethene	10.63	164	2336	0.671	ug/l	85
65) Chlorobenzene	11.44	112	3690	0.339	ug/l	90
68) m/p-Xylenes	11.63	106	1847	0.249	ug/l	89
71) Bromoform	12.39	173	361	0.835	ug/l #	29
73) Isopropylbenzene	12.26	105	4792	0.319	ug/l	94
74) N-amyl acetate	12.04	43	4634	0.775	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	136261	36.661	ug/l #	100
78) n-propylbenzene	12.60	91	18569	1.096	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	33607	2.670	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	136261	111.344	ug/l #	7
82) 4-Chlorotoluene	12.74	91	3294	0.309	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.05	105	31894	2.529	ug/l	98
85) sec-Butylbenzene	13.18	105	5792	0.414	ug/l	82

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

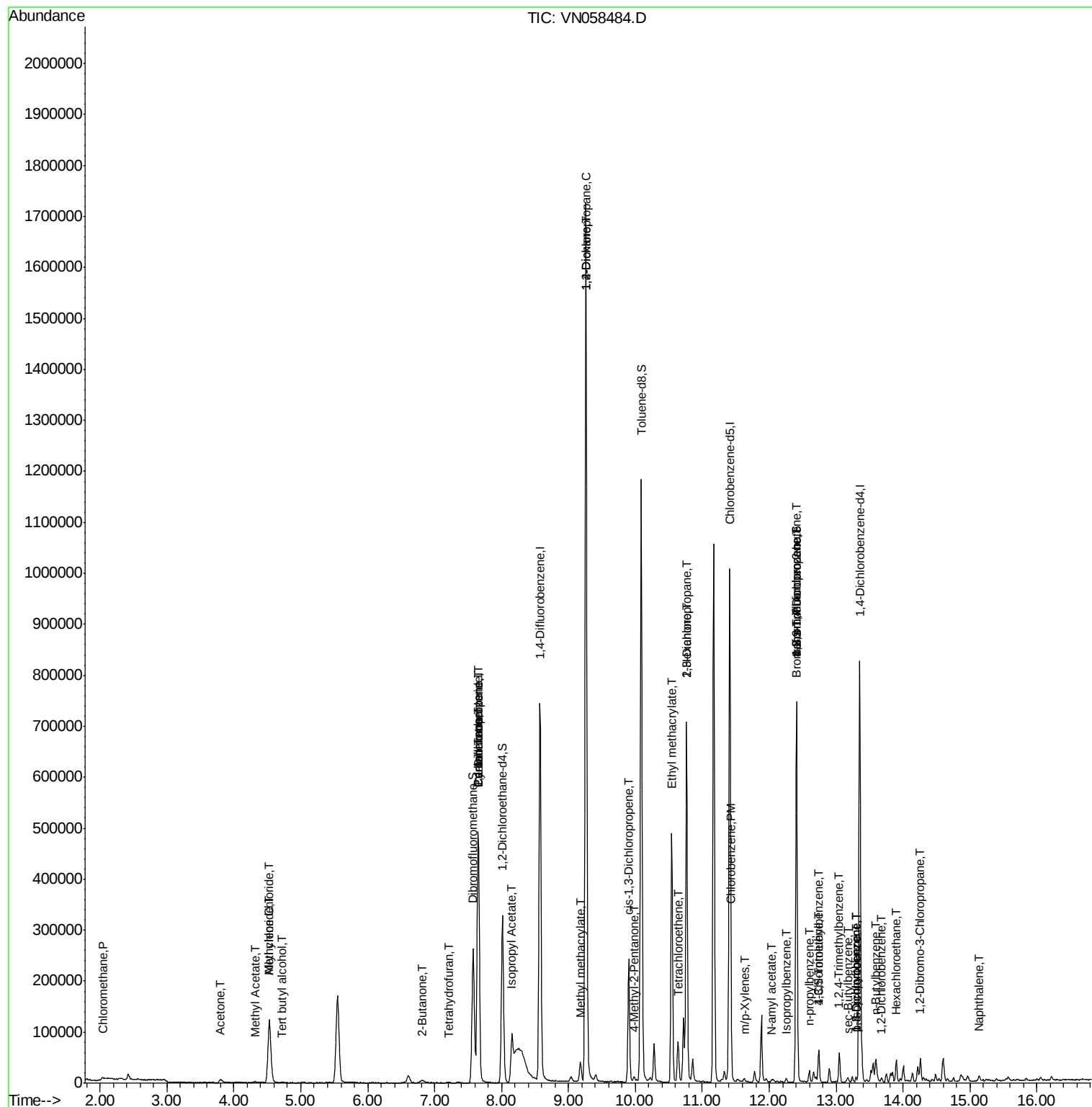
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.30	119	4677	0.380	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	1283	0.201	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	1283	0.202	ug/l	93
89) n-Butylbenzene	13.59	91	3069	0.275	ug/l #	1
90) Hexachloroethane	13.90	117	2742	1.483	ug/l #	11
91) 1,2-Dichlorobenzene	13.66	146	1237	0.201	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	200	0.255	ug/l #	5
95) Naphthalene	15.13	128	8761	0.852	ug/l	97

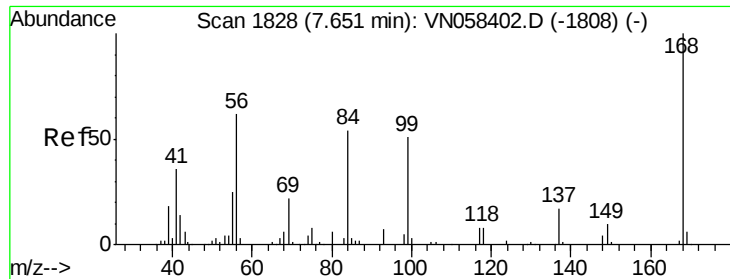
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

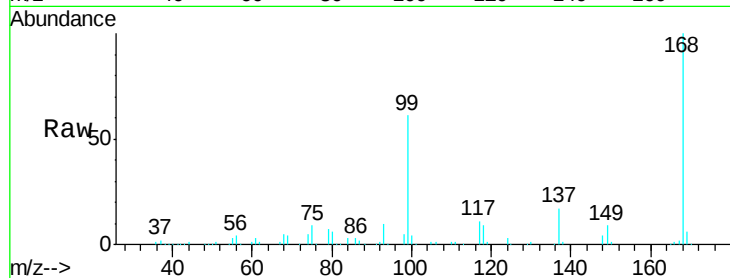
TP-1

Tgt Ion:168 Resp: 378049

Ion Ratio Lower Upper

168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

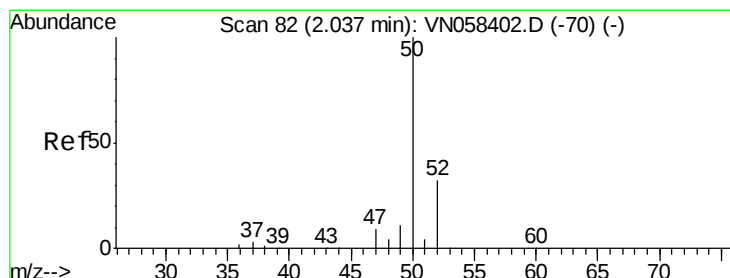
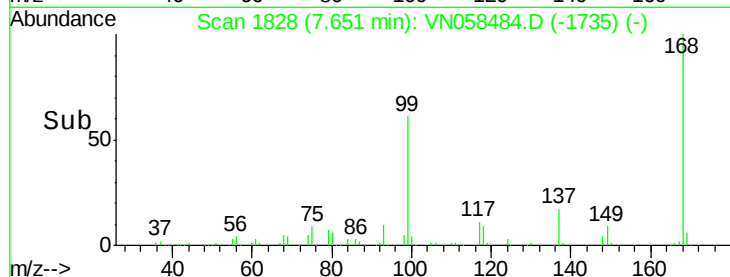
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.272 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058484.D

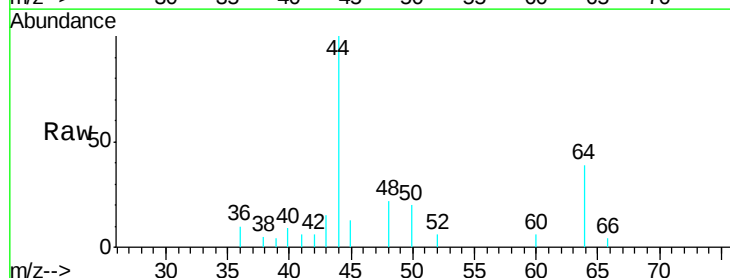
Acq: 2 Oct 2019 18:51

Tgt Ion: 50 Resp: 1240

Ion Ratio Lower Upper

50 100

52 30.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

800

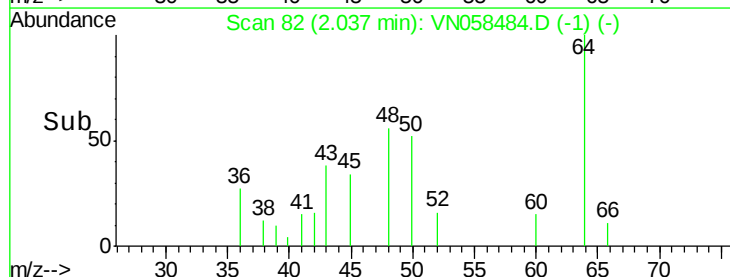
600

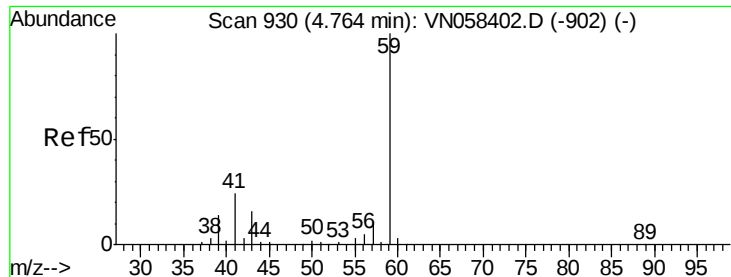
400

200

0

Time-->



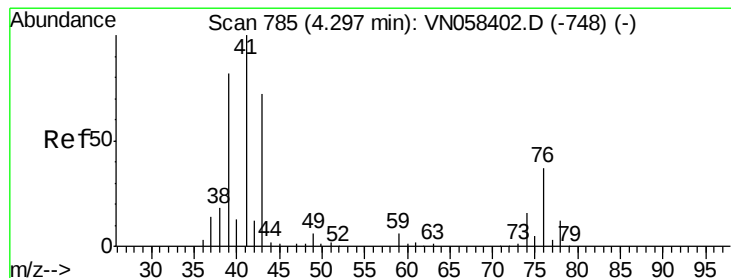
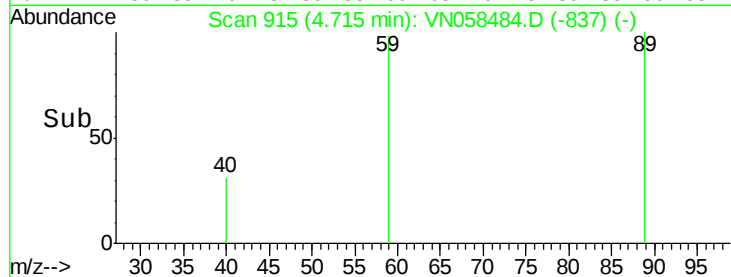
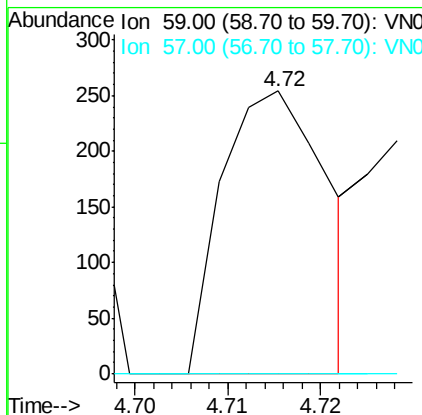
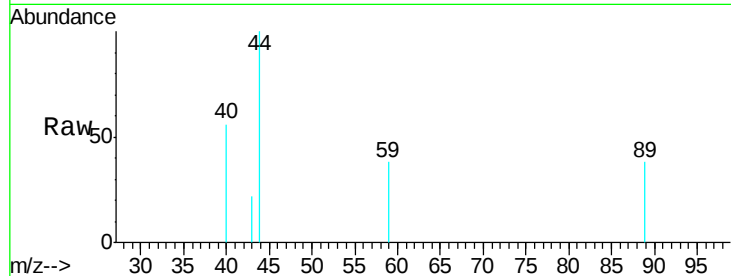


#11

Tert butyl alcohol
 Concen: 0.324 ug/l
 RT: 4.72 min Scan# 915
 Delta R.T. -0.05 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

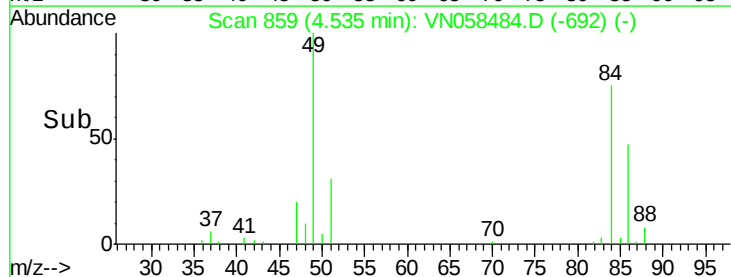
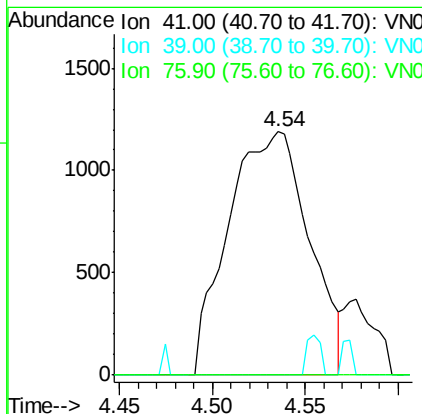
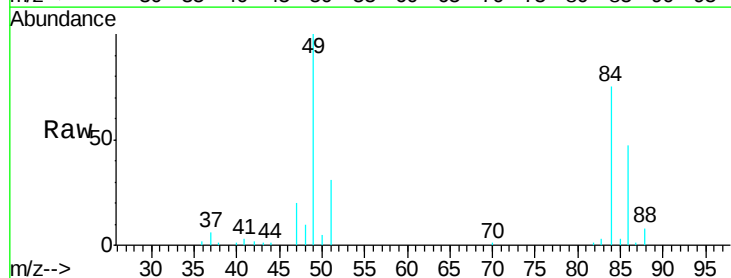
Tgt Ion: 59 Resp: 199
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

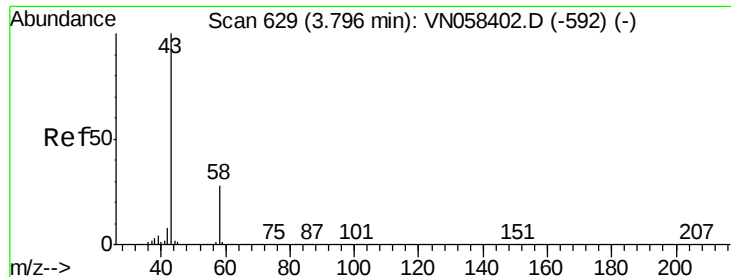


#14

Allyl chloride
 Concen: 0.556 ug/l
 RT: 4.54 min Scan# 859
 Delta R.T. 0.24 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion: 41 Resp: 3606
 Ion Ratio Lower Upper
 41 100
 39 2.8 62.3 93.5#
 76 0.0 26.9 40.3#





#16

Acetone

Concen: 6.580 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

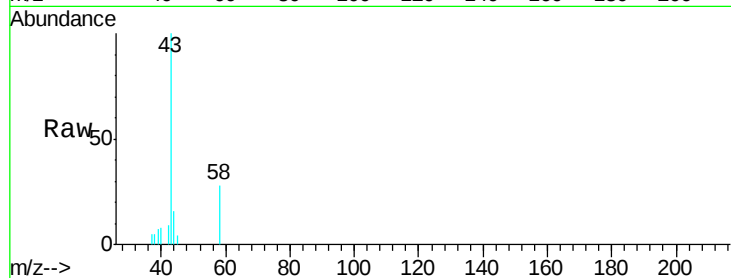
TP-1

Tgt Ion: 43 Resp: 12392

Ion Ratio Lower Upper

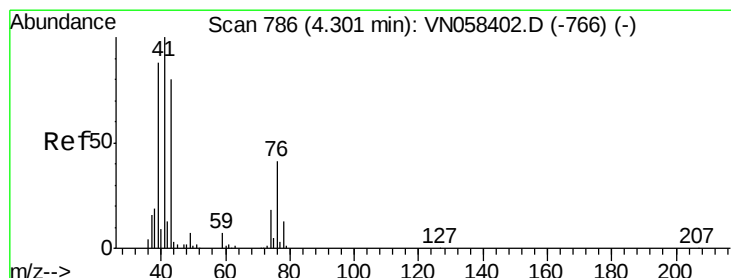
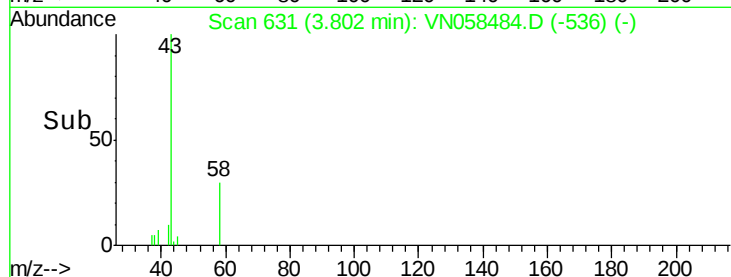
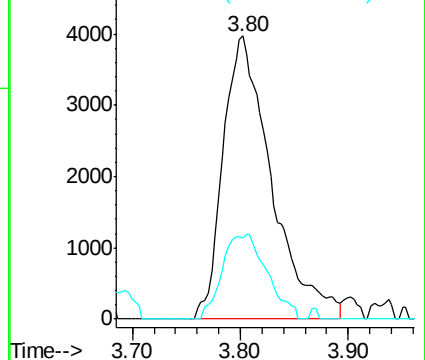
43 100

58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.796 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058484.D

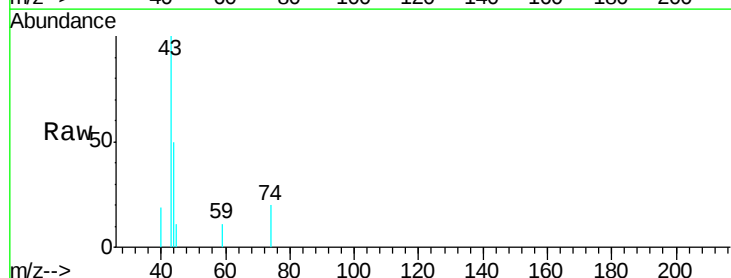
Acq: 2 Oct 2019 18:51

Tgt Ion: 43 Resp: 3770

Ion Ratio Lower Upper

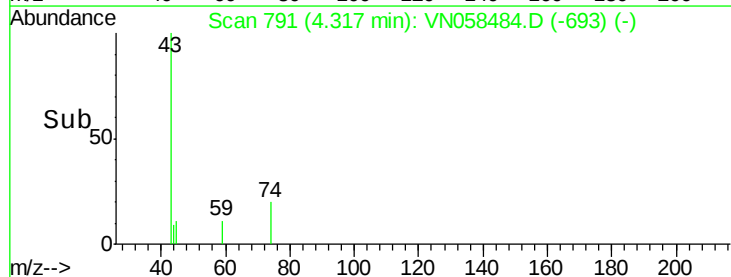
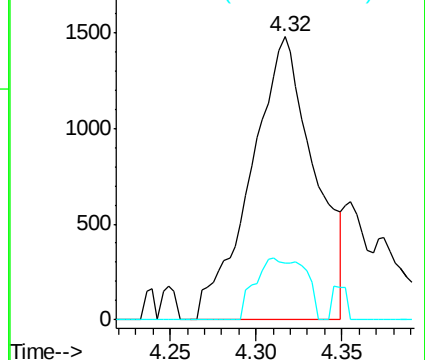
43 100

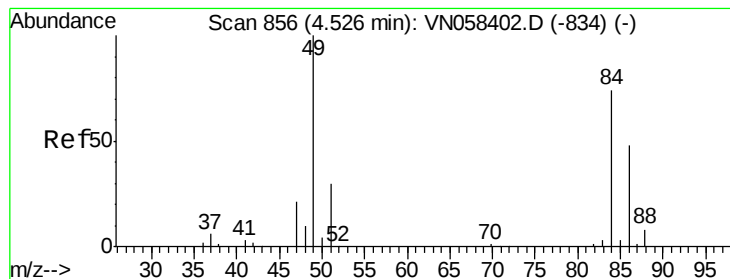
74 17.2 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 20.101 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 87362

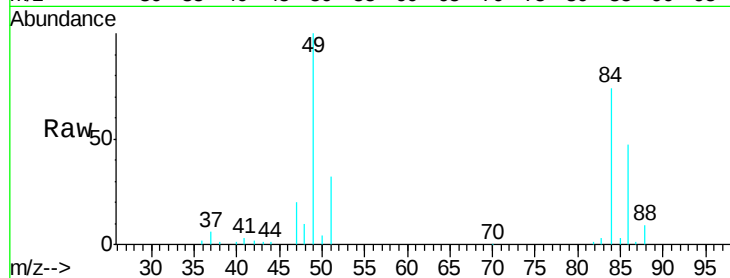
Ion Ratio Lower Upper

84 100

49 135.7 107.9 161.9

51 43.2 32.8 49.2

86 63.7 51.5 77.3

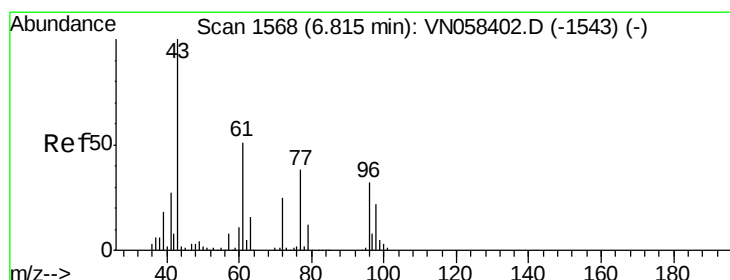
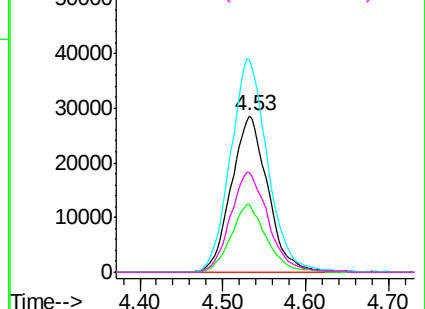
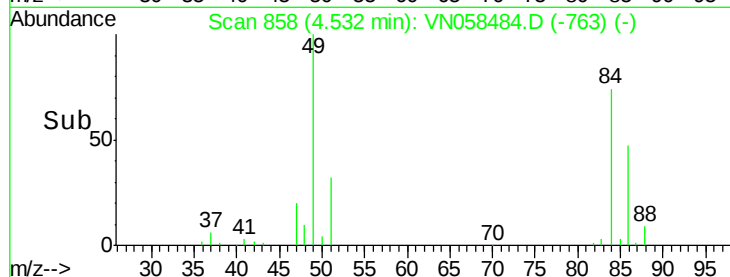


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.631 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN058484.D

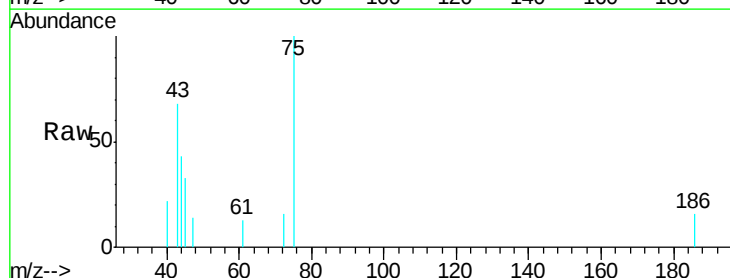
Acq: 2 Oct 2019 18:51

Tgt Ion: 43 Resp: 1632

Ion Ratio Lower Upper

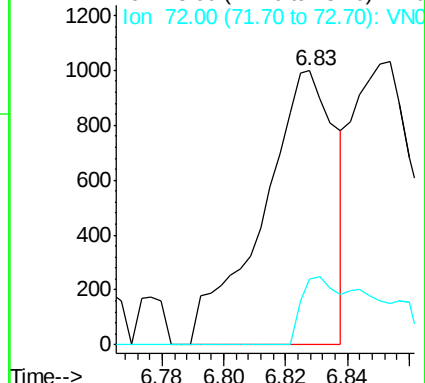
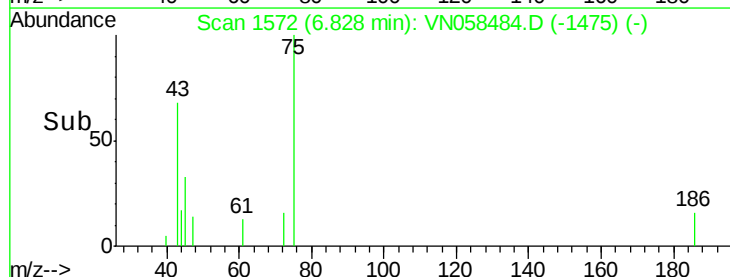
43 100

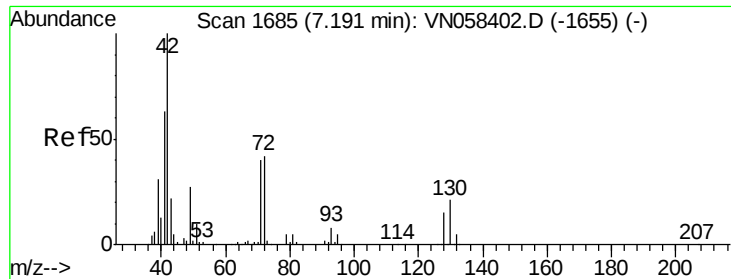
72 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

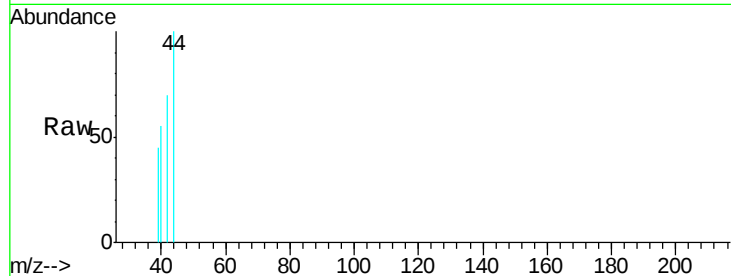




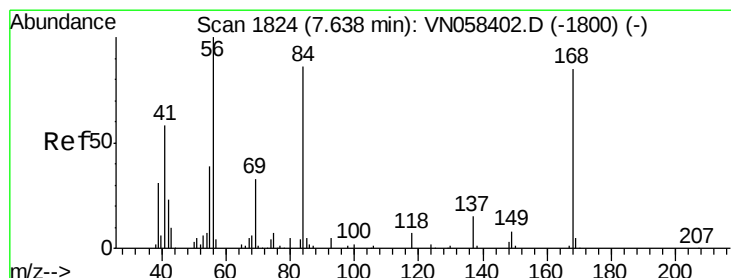
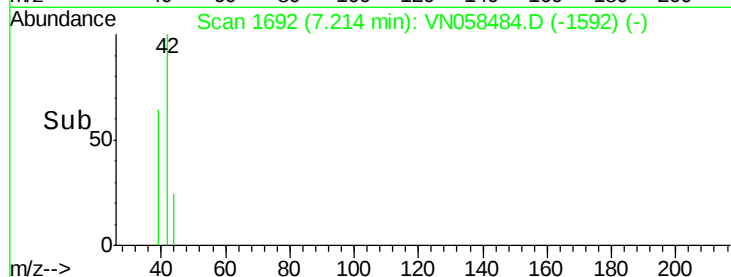
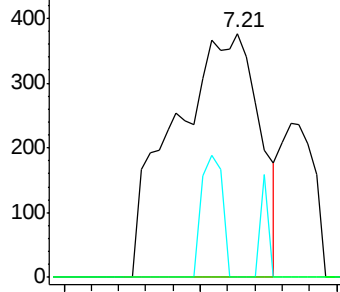
#29
Tetrahydrofuran
Concen: 0.500 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion: 42 Resp: 820
Ion Ratio Lower Upper
42 100
72 12.1 33.7 50.5#
71 0.0 31.8 47.6#

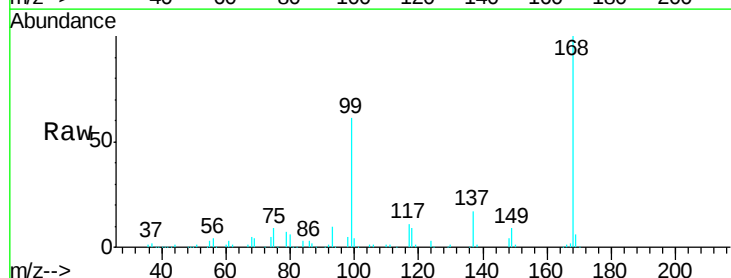


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

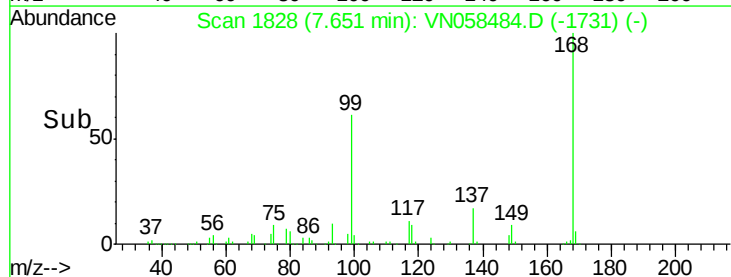
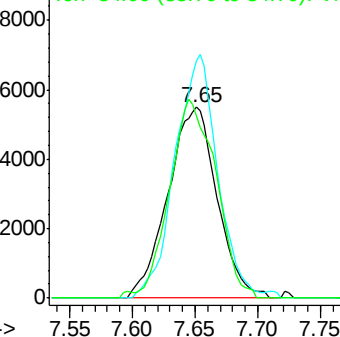


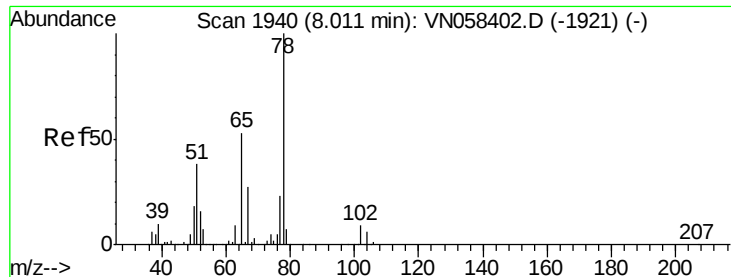
#31
Cyclohexane
Concen: 1.958 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion: 56 Resp: 14973
Ion Ratio Lower Upper
56 100
69 124.0 26.2 39.4#
84 95.1 67.6 101.4



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





#33

1,2-Dichloroethane-d4

Concen: 51.623 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

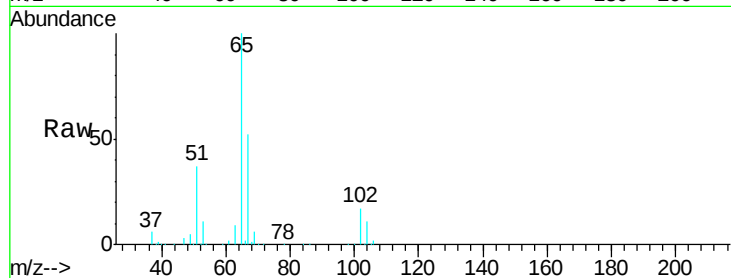
TP-1

Tgt Ion: 65 Resp: 285193

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

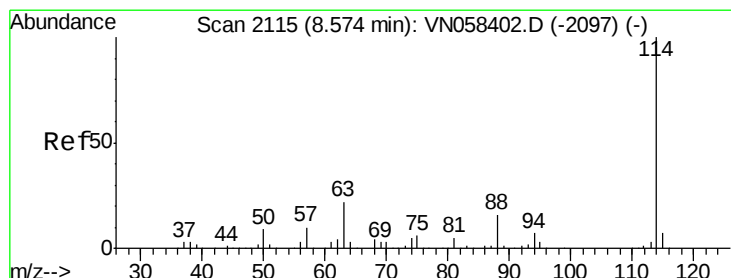
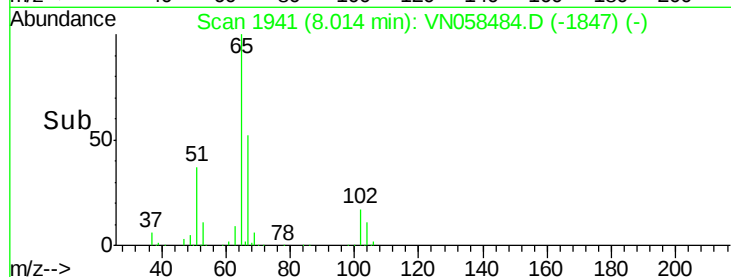
8.01

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

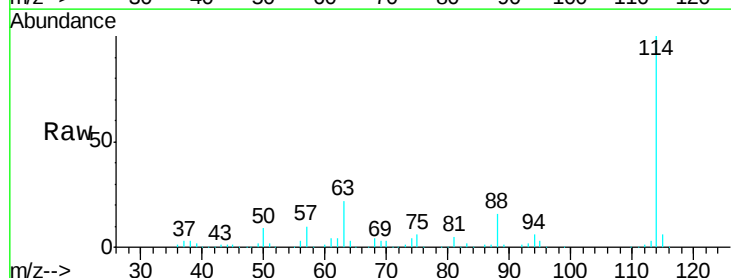
Tgt Ion: 114 Resp: 639324

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058402.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058402.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058402.D (-2097) (-)

8.57

400000

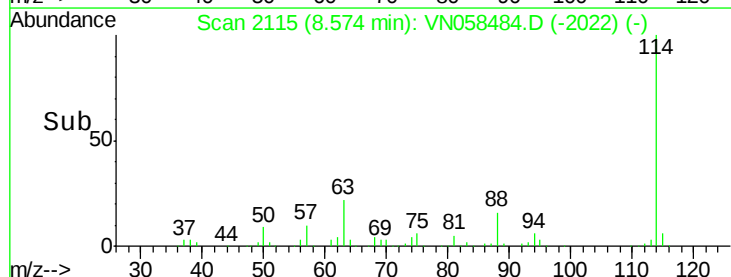
300000

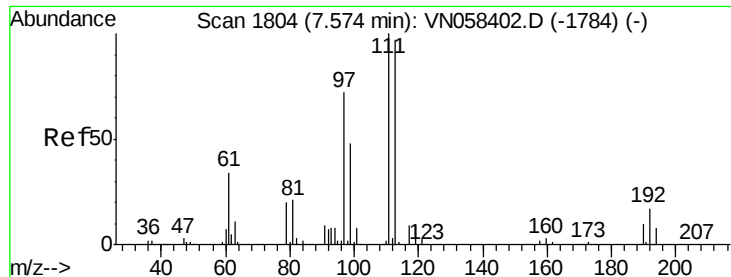
200000

100000

0

Time-->

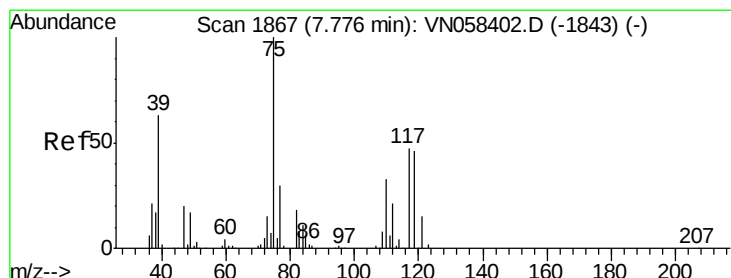
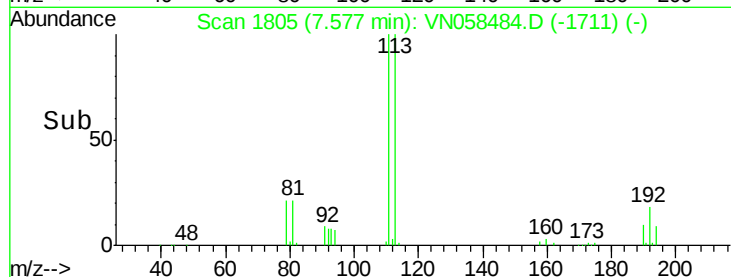
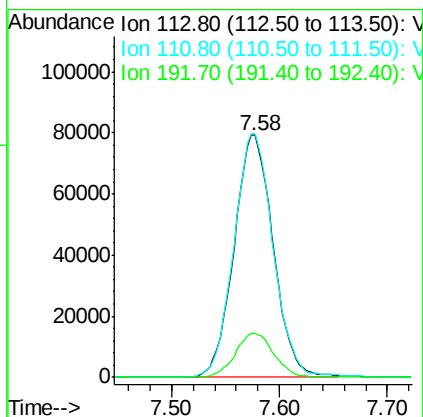
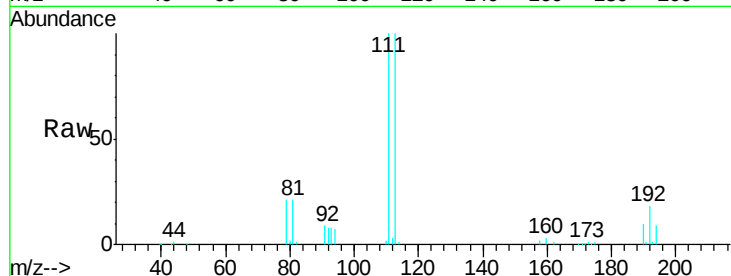




#35
 Dibromofluoromethane
 Concen: 51.075 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

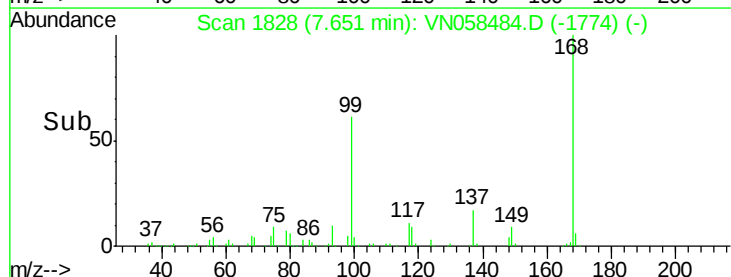
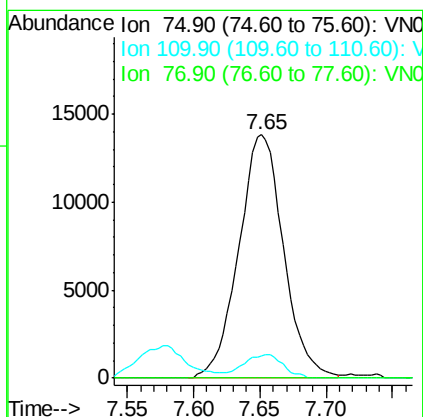
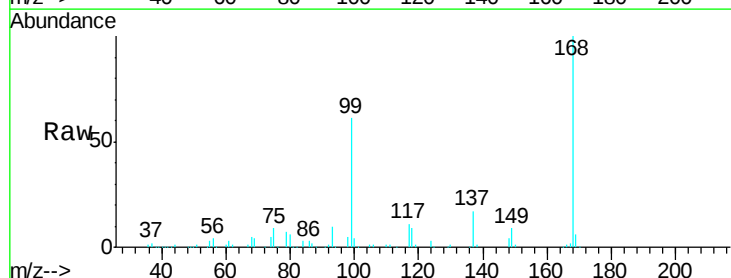
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

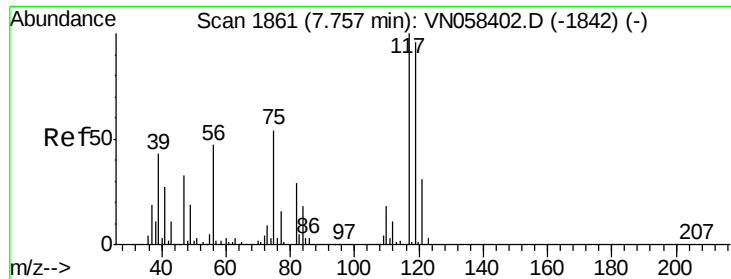
Tgt Ion:113 Resp: 200131
 Ion Ratio Lower Upper
 113 100
 111 100.2 83.4 125.2
 192 17.8 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.309 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion: 75 Resp: 32458
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.4 49.2#
 77 0.0 24.3 36.5#

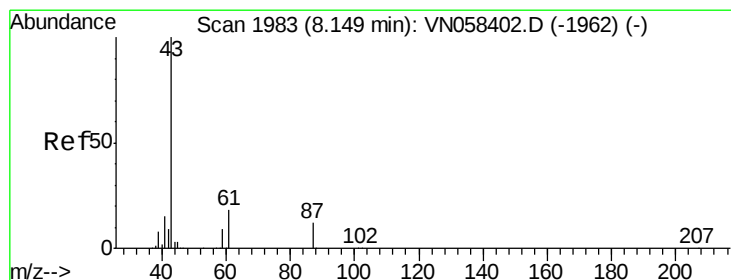
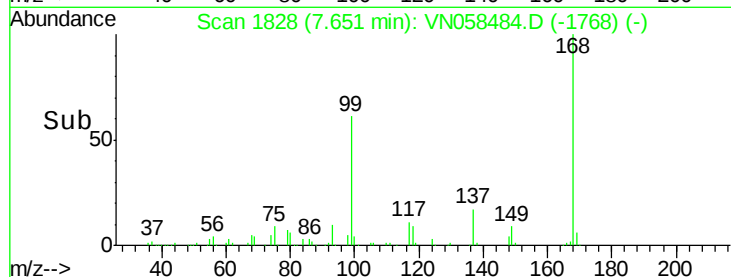
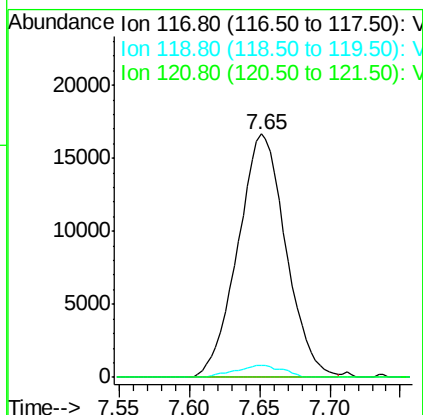
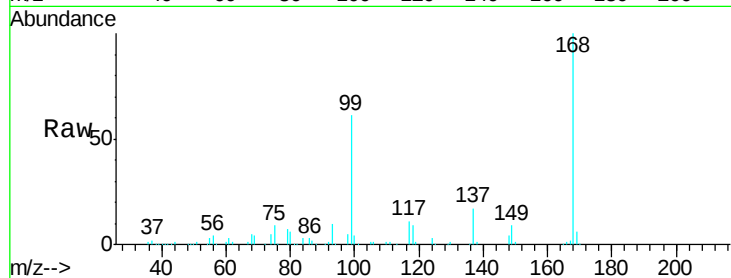




#38
Carbon Tetrachloride
Concen: 7.180 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

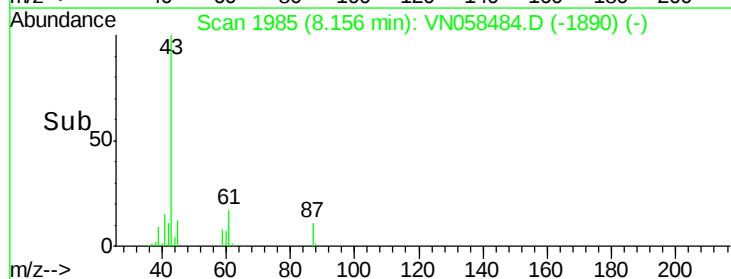
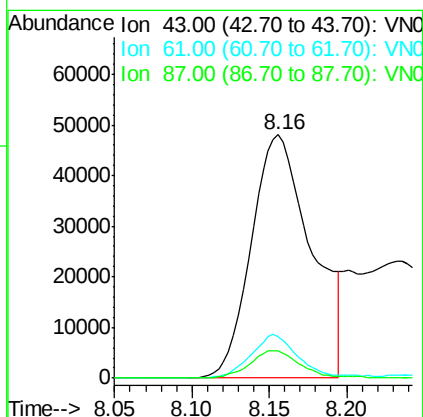
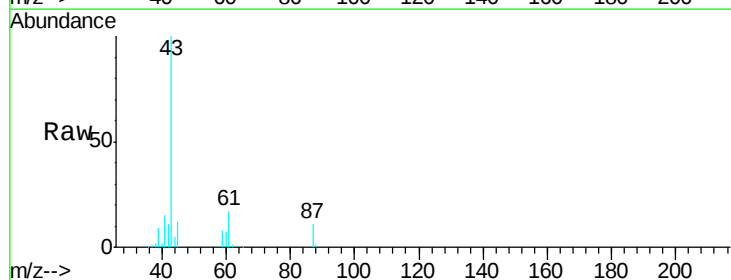
Instrument :
MSVOA_N
ClientSampled :
TP-1

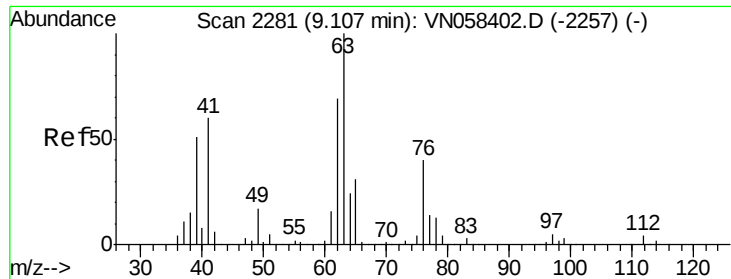
Tgt Ion:117 Resp: 39617
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 13.372 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion: 43 Resp: 130325
Ion Ratio Lower Upper
43 100
61 14.4 14.8 22.2#
87 9.2 9.7 14.5#

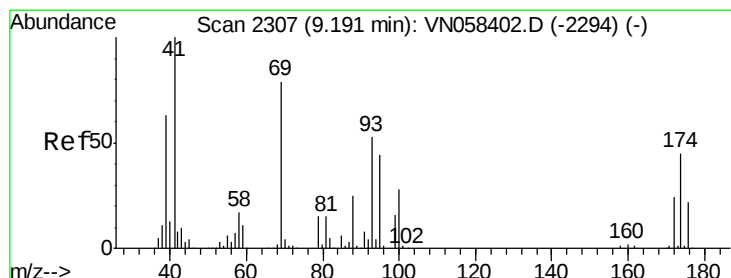
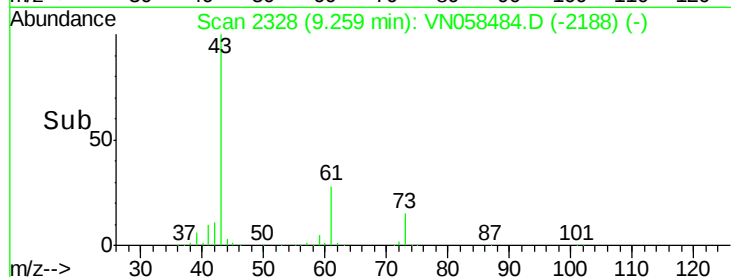
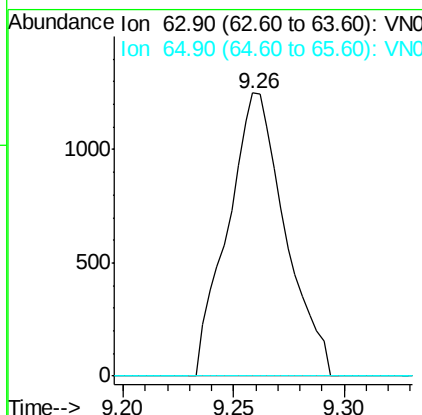
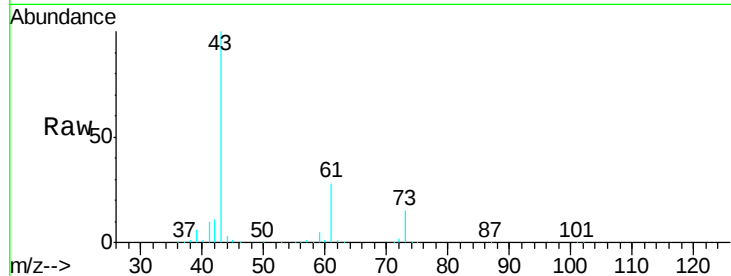




#45
 1,2-Dichloropropane
 Concen: 0.479 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.15 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

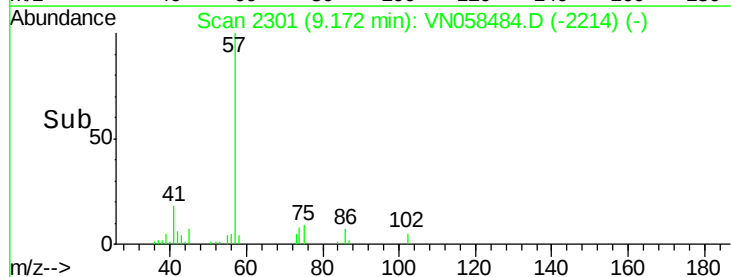
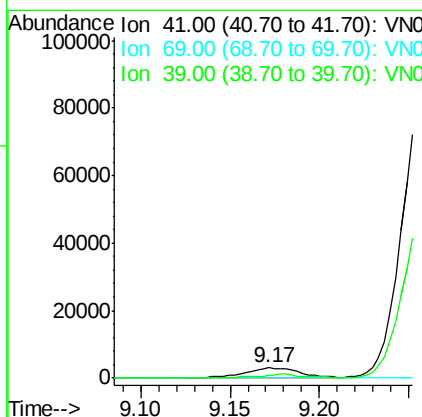
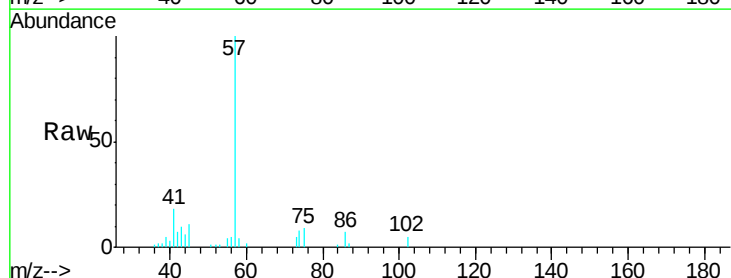
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

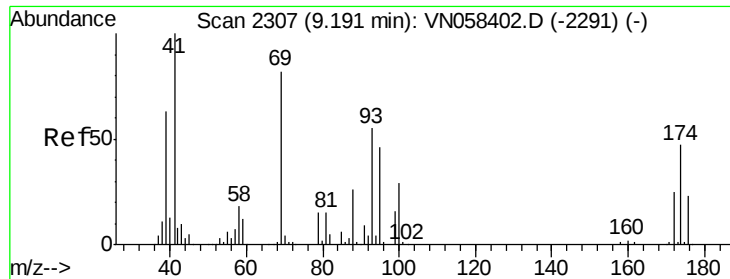
Tgt Ion: 63 Resp: 2258
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.480 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion: 41 Resp: 6570
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.7 97.1#
 39 0.0 52.9 79.3#





#49

1,4-Dioxane

Concen: 1.213 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.06 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

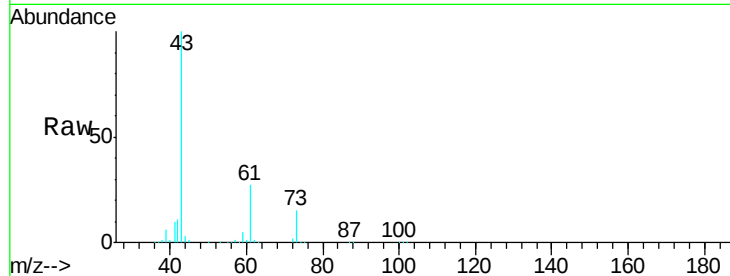
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 2383559.7 31.1 46.7#

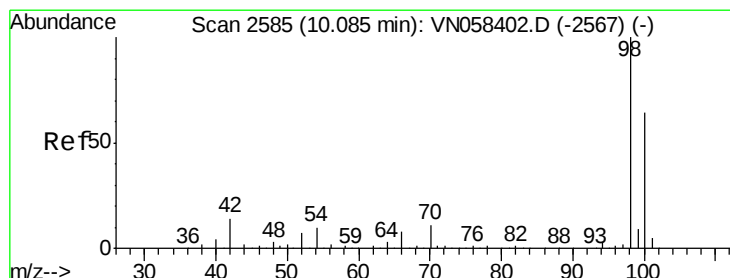
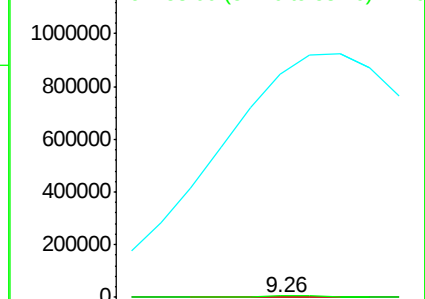
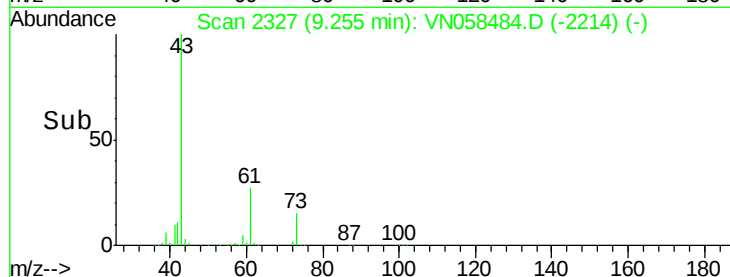
58 10790.3 58.1 87.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.329 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058484.D

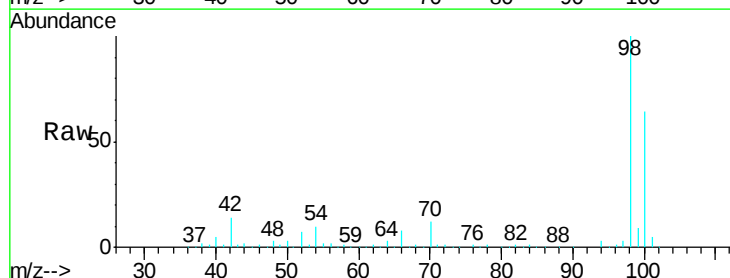
Acq: 2 Oct 2019 18:51

Tgt Ion: 98 Resp: 803238

Ion Ratio Lower Upper

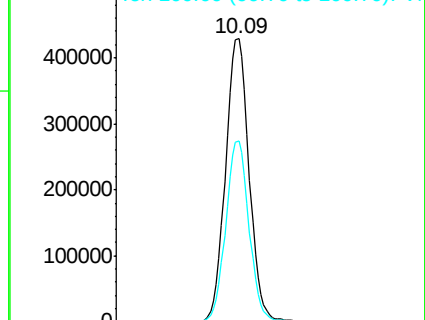
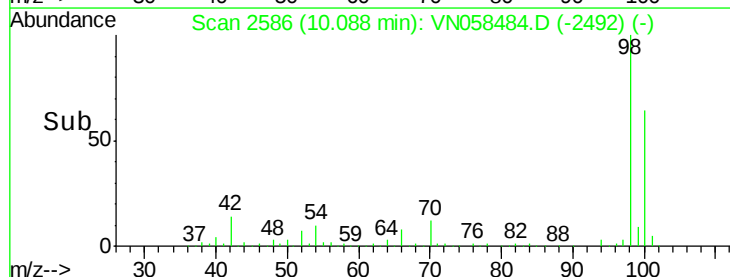
98 100

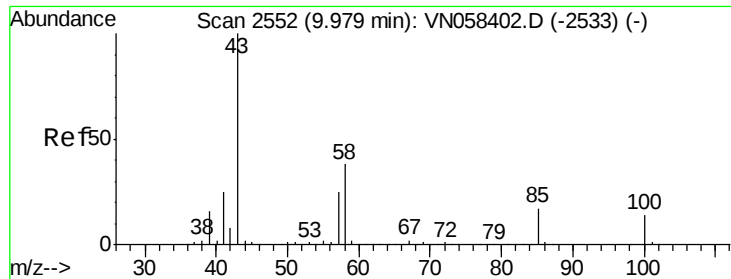
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.370 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

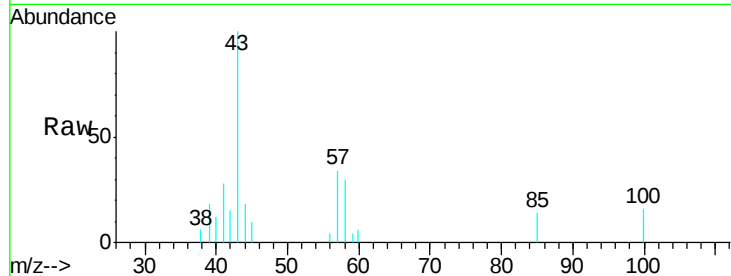
TP-1

Tgt Ion: 43 Resp: 6859

Ion Ratio Lower Upper

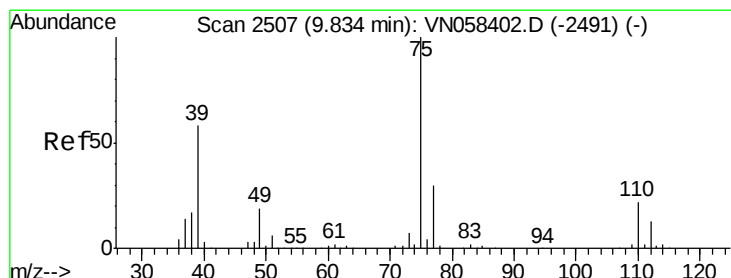
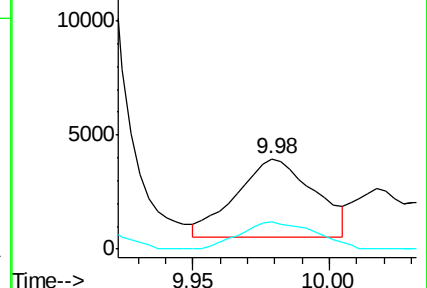
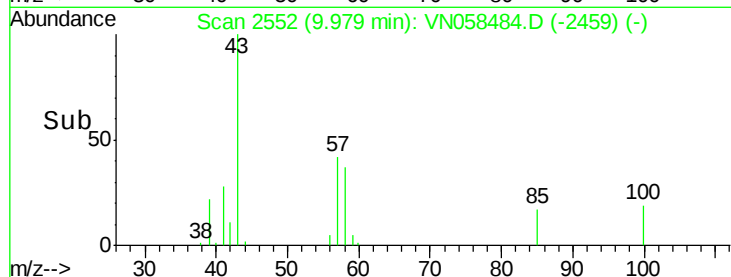
43 100

58 33.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.856 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

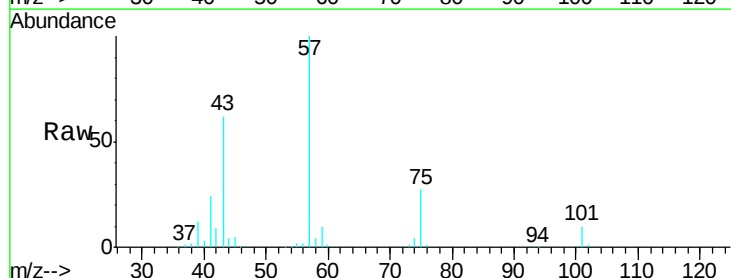
Tgt Ion: 75 Resp: 40010

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

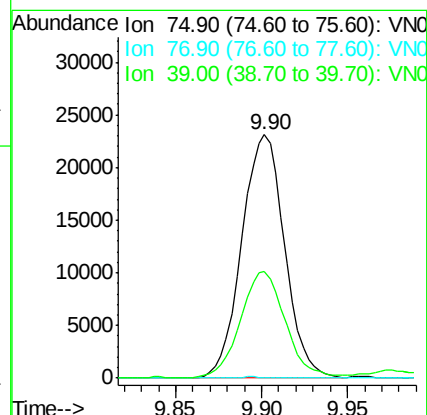
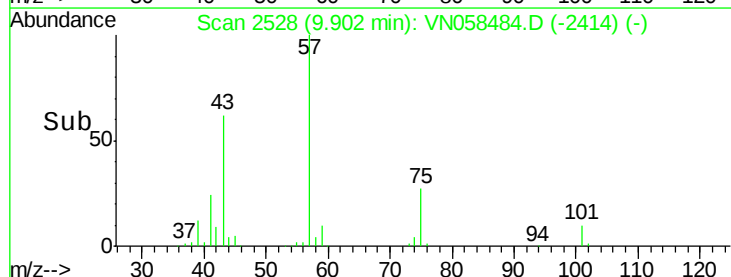
39 43.7 46.4 69.6#

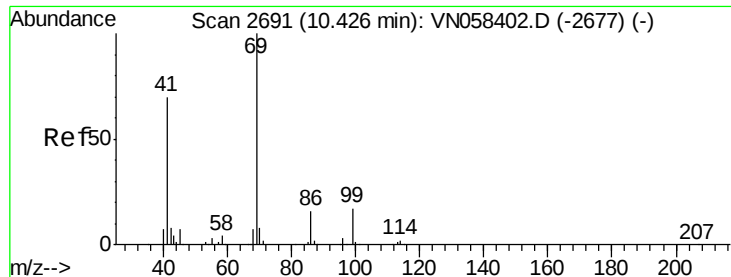


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.297 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TP-1

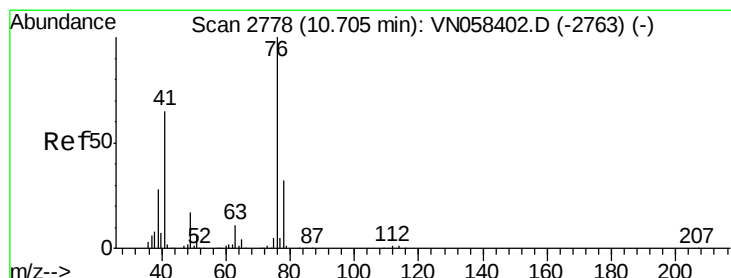
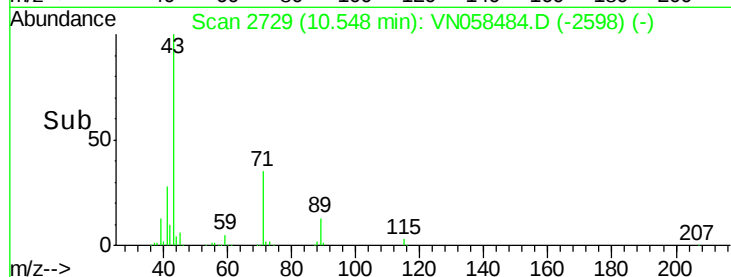
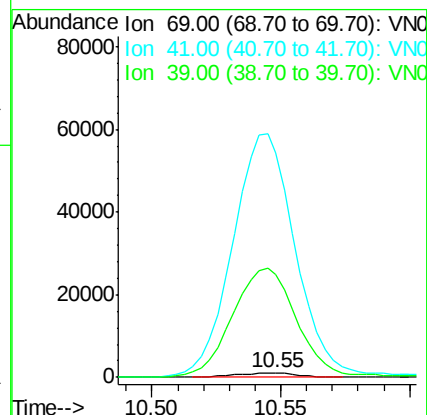
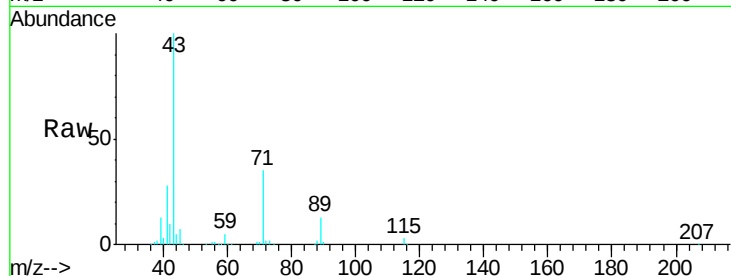
Tgt Ion: 69 Resp: 1818

Ion Ratio Lower Upper

69 100

41 5510.1 56.3 84.5#

39 2528.4 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.969 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058484.D

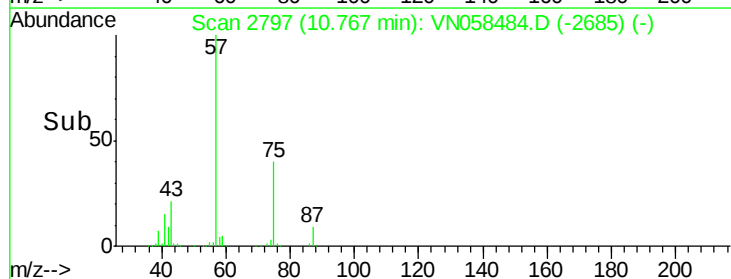
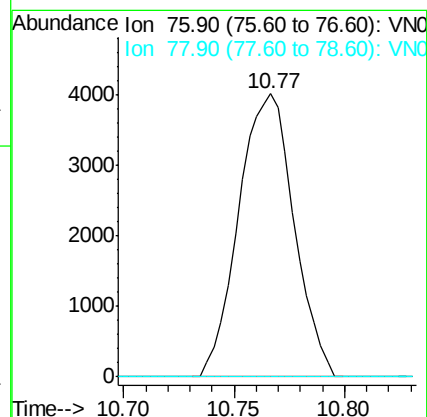
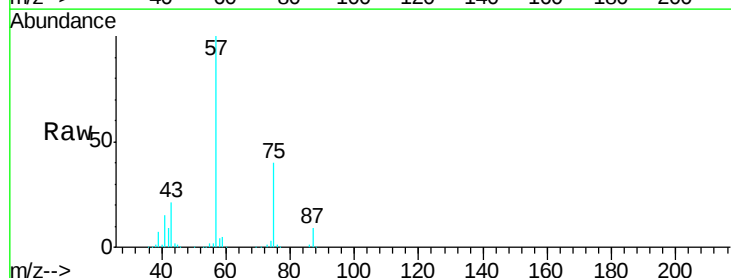
Acq: 2 Oct 2019 18:51

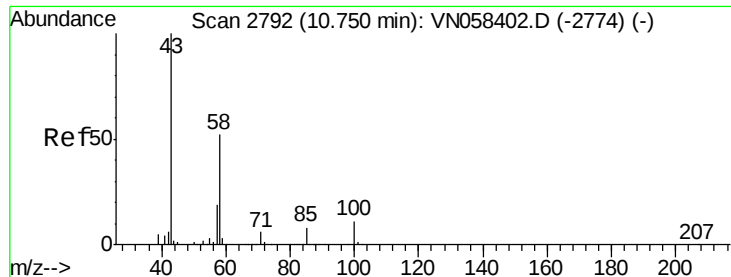
Tgt Ion: 76 Resp: 6962

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

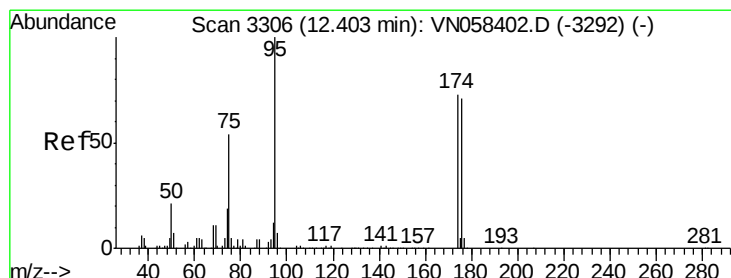
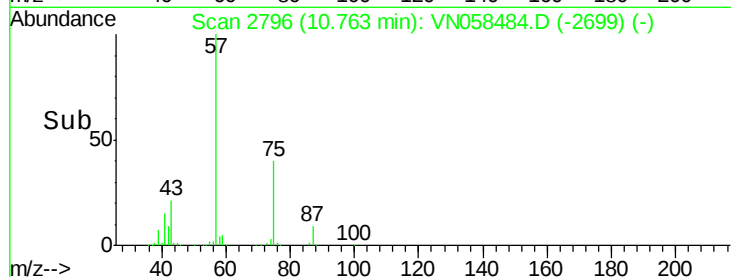
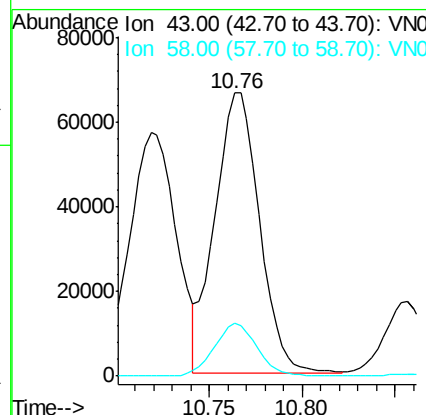
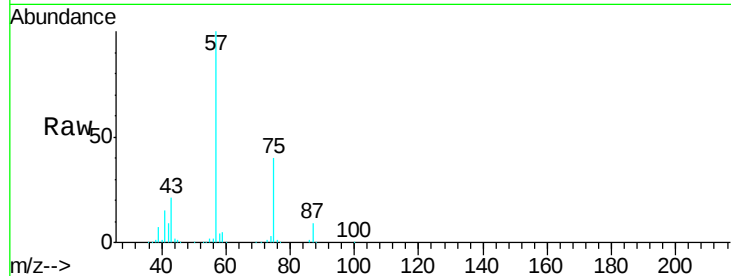




#59
 2-Hexanone
 Concen: 30.246 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

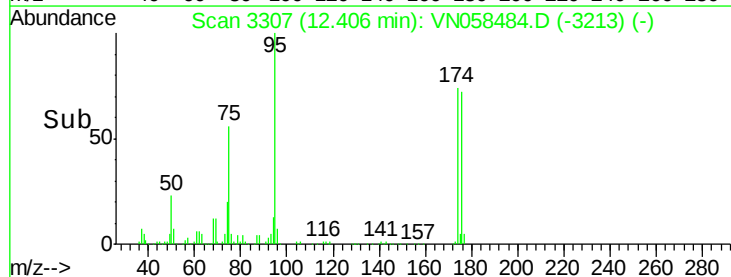
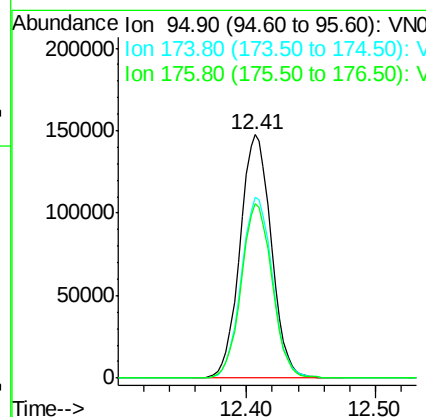
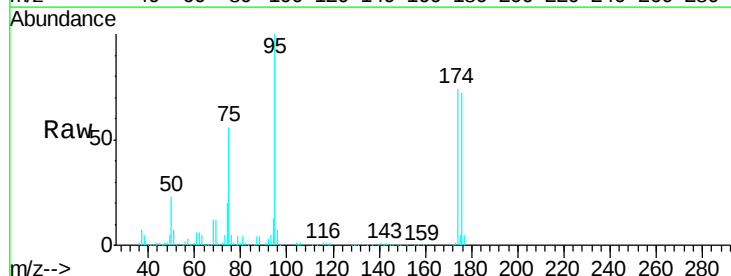
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

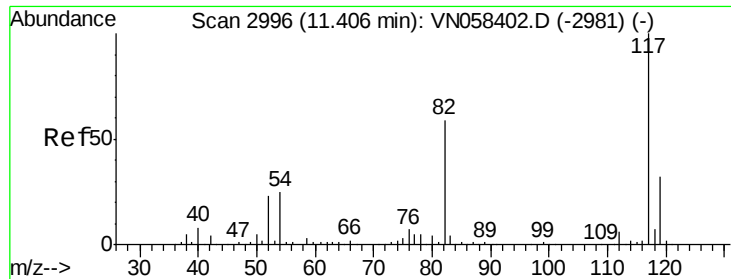
Tgt Ion: 43 Resp: 110260
 Ion Ratio Lower Upper
 43 100
 58 18.4 25.8 77.3#



#62
 4-Bromofluorobenzene
 Concen: 44.753 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion: 95 Resp: 248389
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 150.6
 176 70.7 0.0 146.2

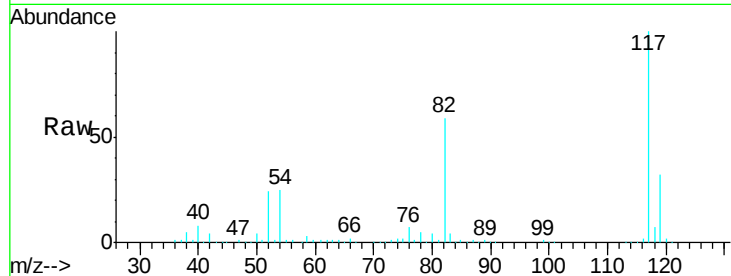




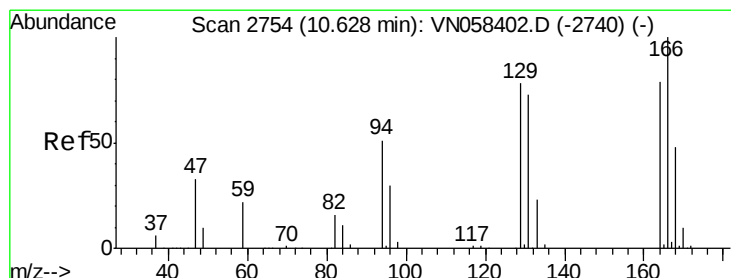
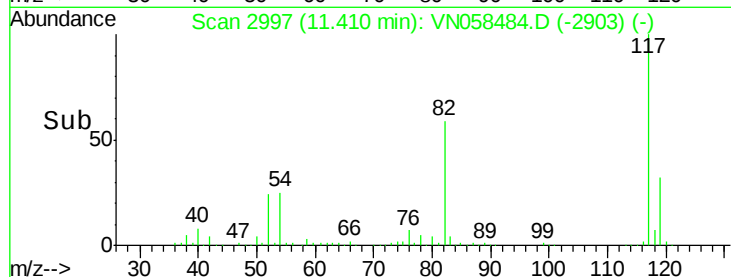
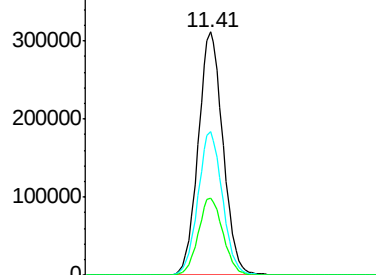
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion:117 Resp: 547771
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.8 25.5 38.3



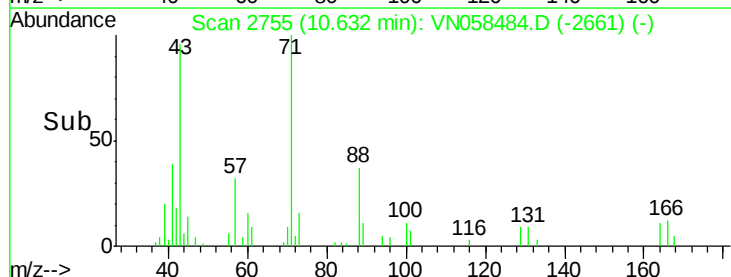
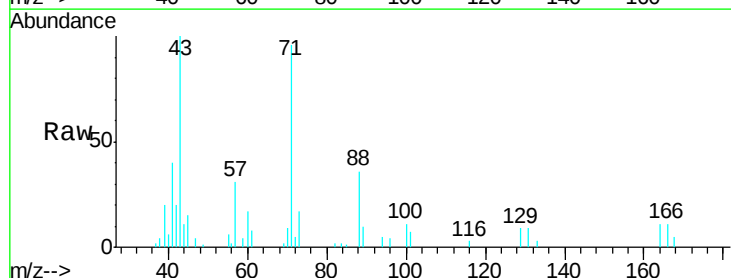
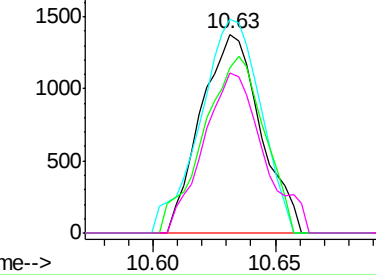
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

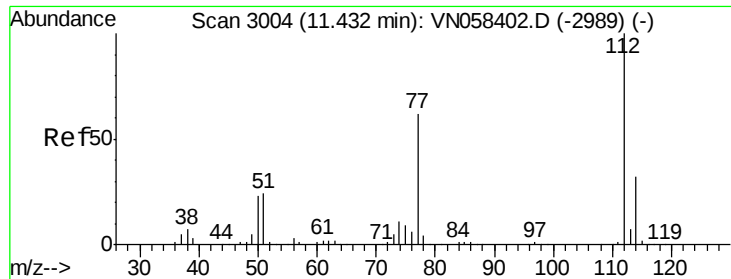


#64
Tetrachloroethene
Concen: 0.671 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion:164 Resp: 2336
Ion Ratio Lower Upper
164 100
166 107.4 101.1 151.7
129 82.8 79.2 118.8
131 80.7 74.1 111.1

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

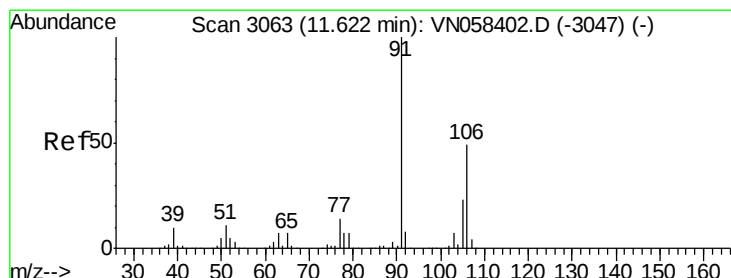
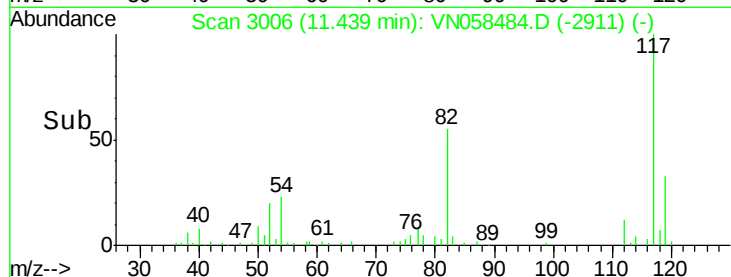
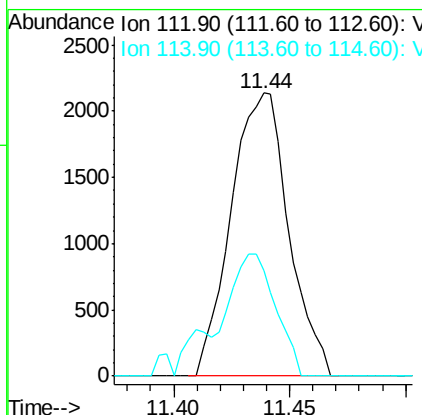
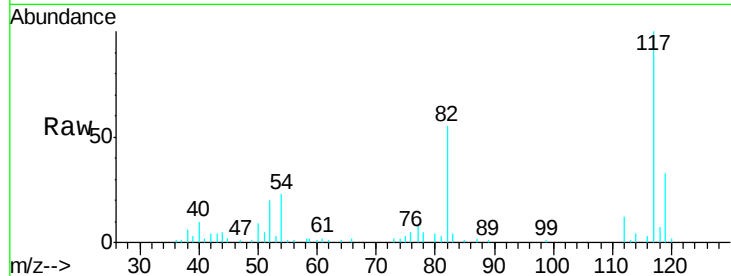




#65
Chlorobenzene
Concen: 0.339 ug/l
RT: 11.44 min Scan# 3006
Delta R.T. 0.01 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

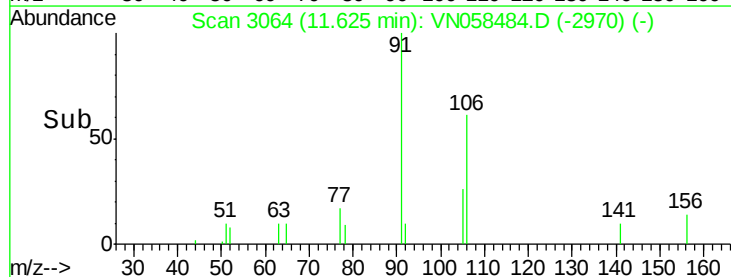
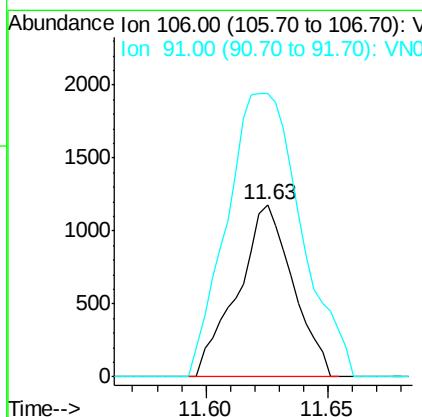
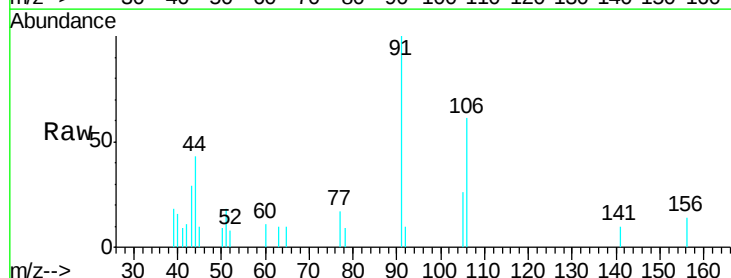
Instrument :
MSVOA_N
ClientSampled :
TP-1

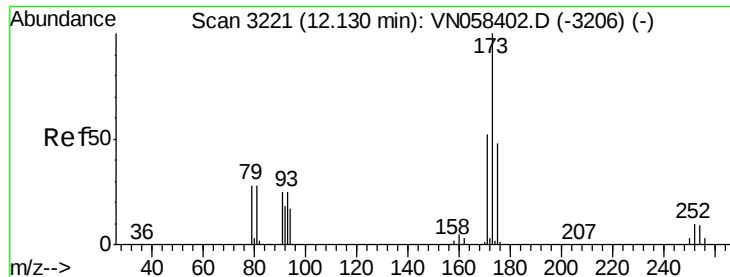
Tgt Ion:112 Resp: 3690
Ion Ratio Lower Upper
112 100
114 37.2 25.4 38.2



#68
m/p-Xylenes
Concen: 0.249 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion:106 Resp: 1847
Ion Ratio Lower Upper
106 100
91 222.7 165.0 247.4





#71

Bromoform

Concen: 0.835 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.26 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TP-1

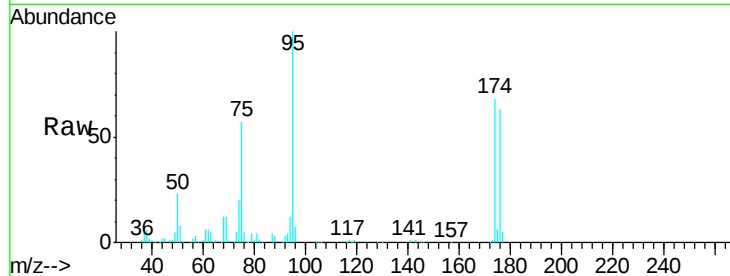
Tgt Ion:173 Resp: 361

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

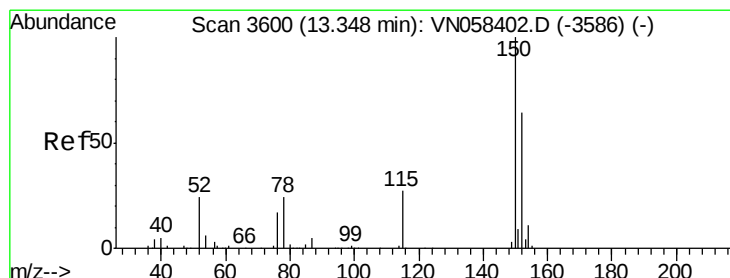
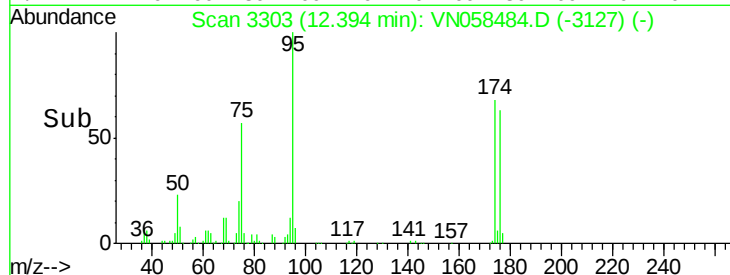
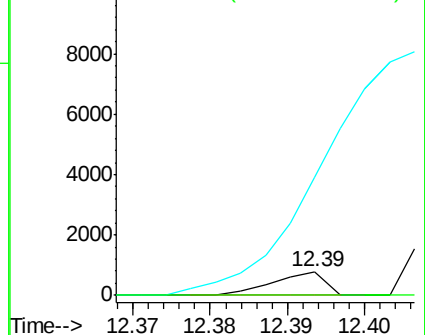
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

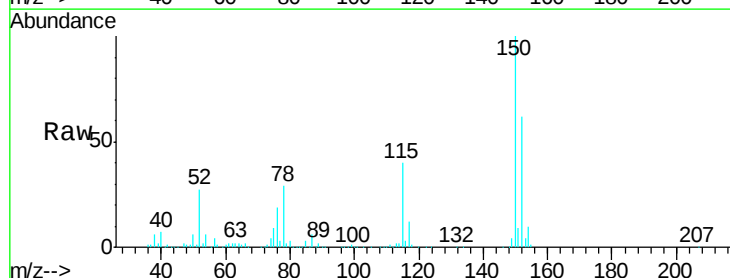
Tgt Ion:152 Resp: 203492

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

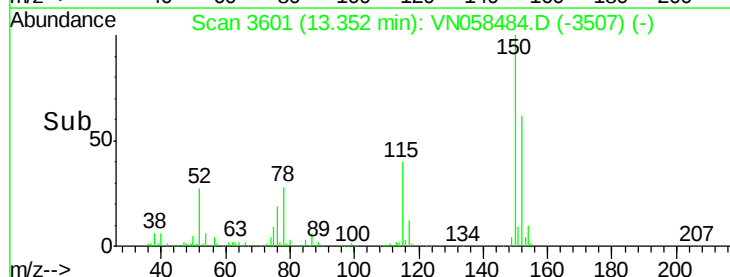
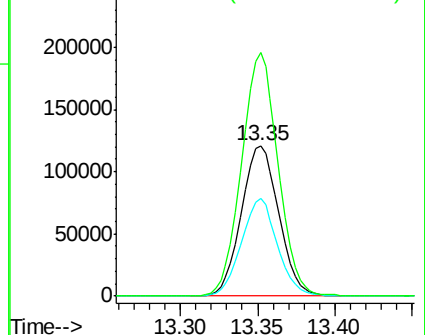
150 157.9 0.0 348.2

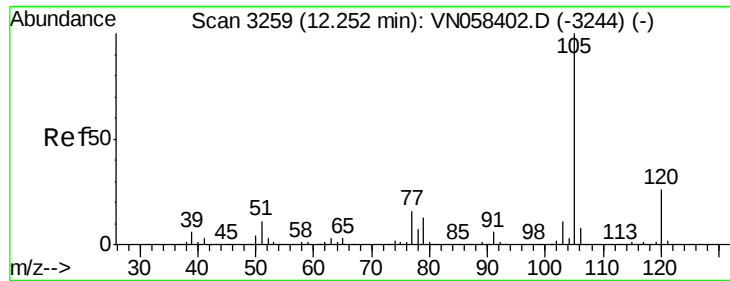


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.319 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.01 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

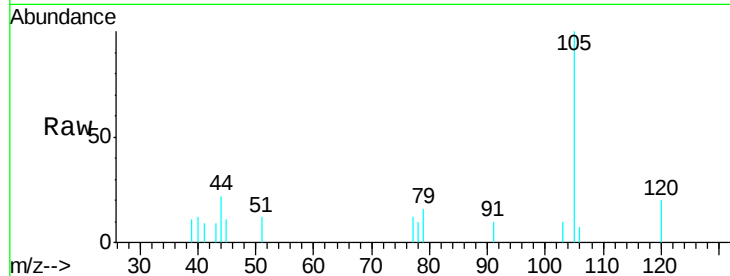
TP-1

Tgt Ion: 105 Resp: 4792

Ion Ratio Lower Upper

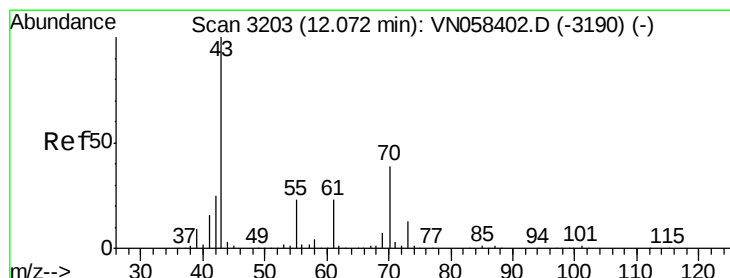
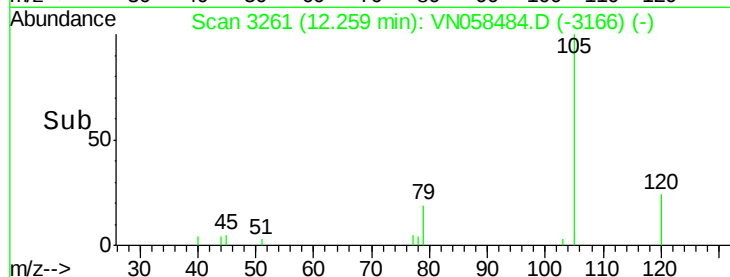
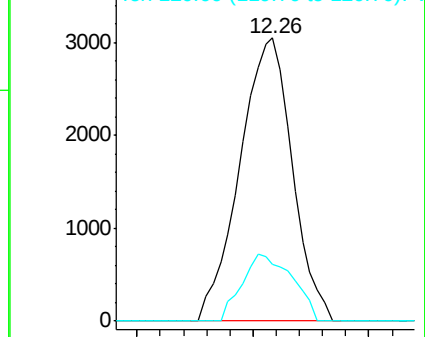
105 100

120 22.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.775 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Tgt Ion: 43 Resp: 4634

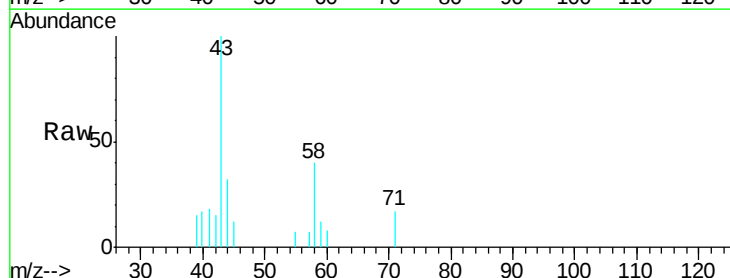
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 3.5 18.2 27.4#

61 0.0 18.3 27.5#

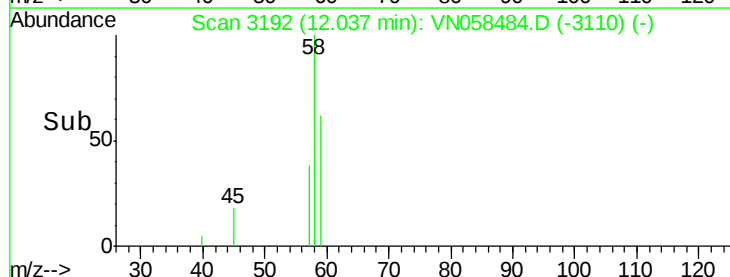
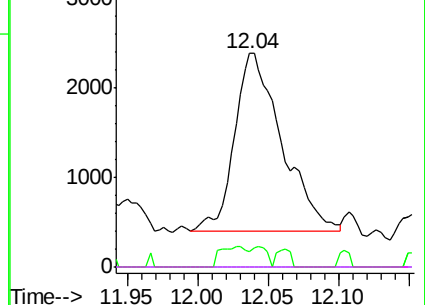


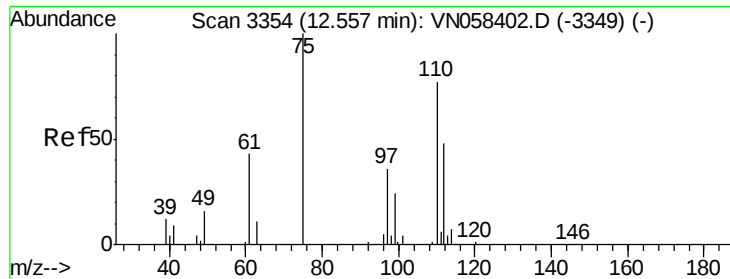
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



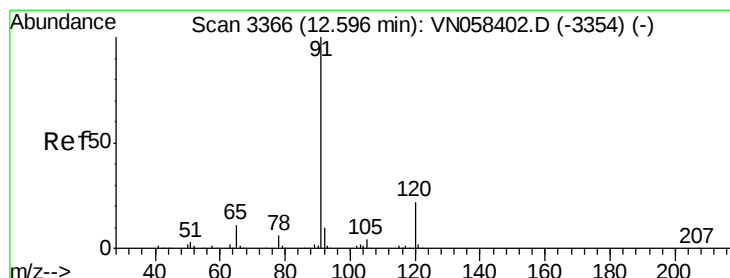
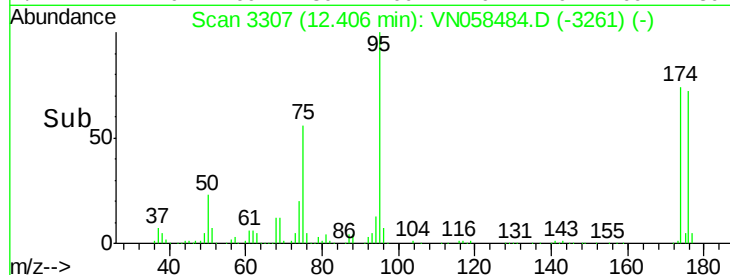
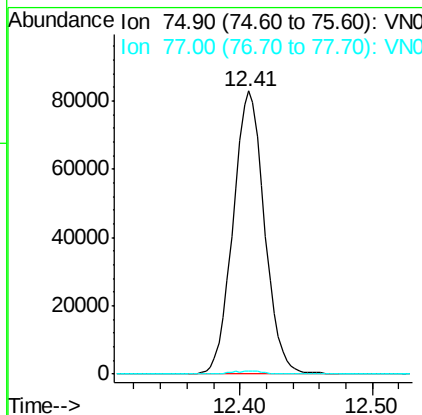
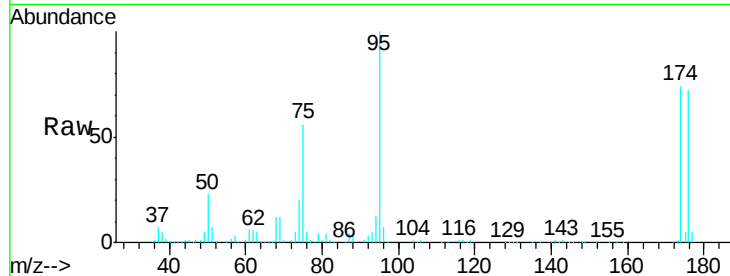


#76

1,2,3-Trichloropropane
Concen: 36.661 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Instrument :
MSVOA_N
ClientSampled :
TP-1

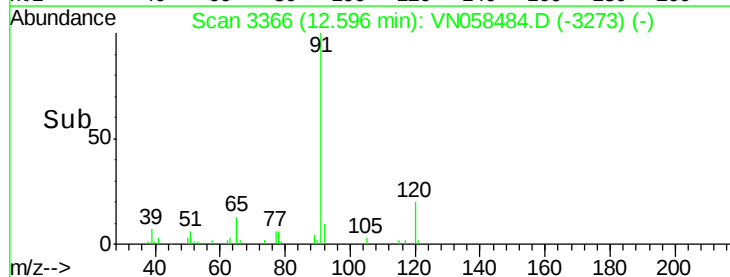
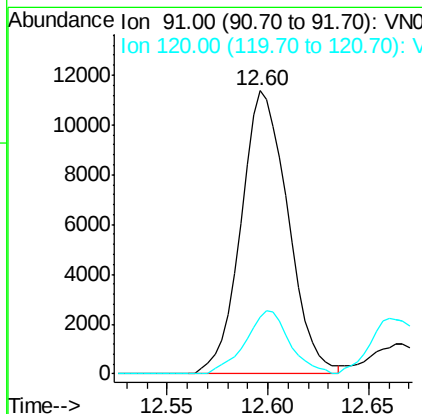
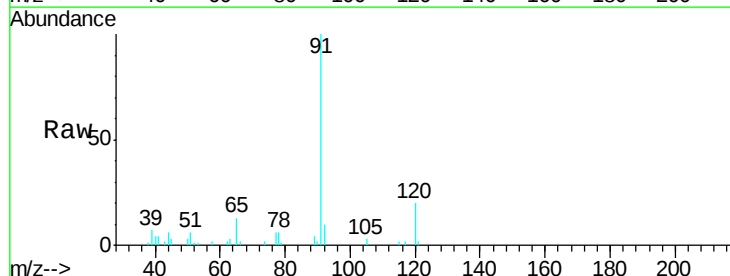
Tgt Ion: 75 Resp: 136261
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

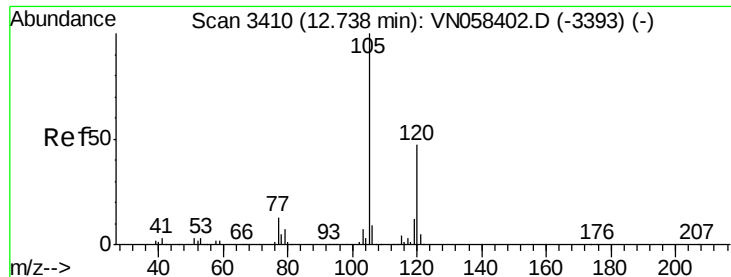


#78

n-propylbenzene
Concen: 1.096 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion: 91 Resp: 18569
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.9





#80

1,3,5-Trimethylbenzene

Concen: 2.670 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

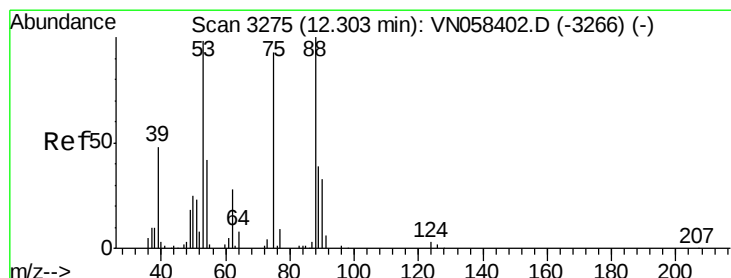
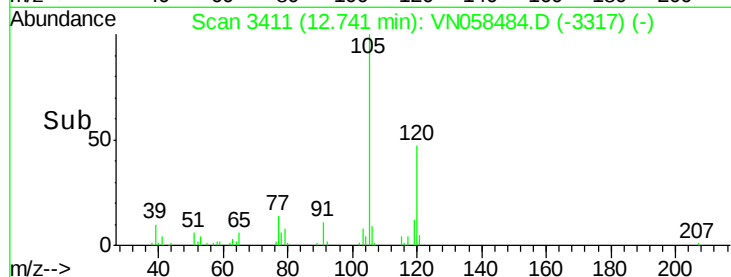
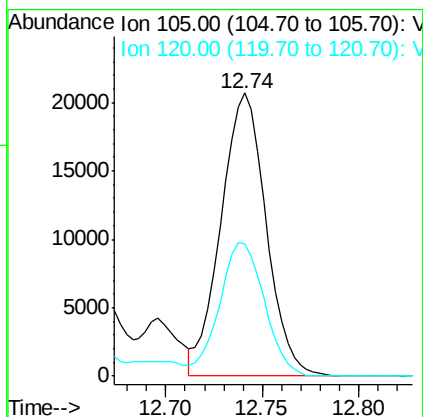
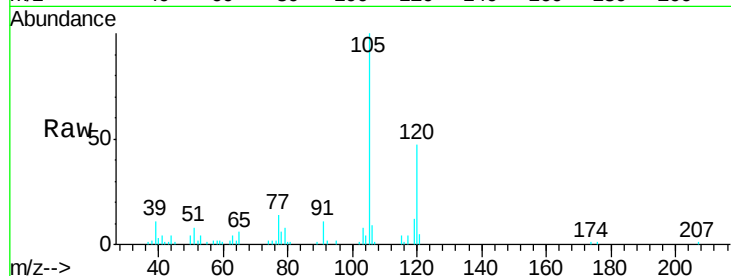
TP-1

Tgt Ion:105 Resp: 33607

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.6



#81

trans-1,4-Dichloro-2-butene

Concen: 111.344 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

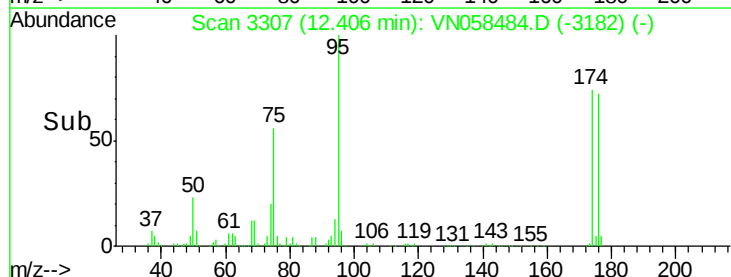
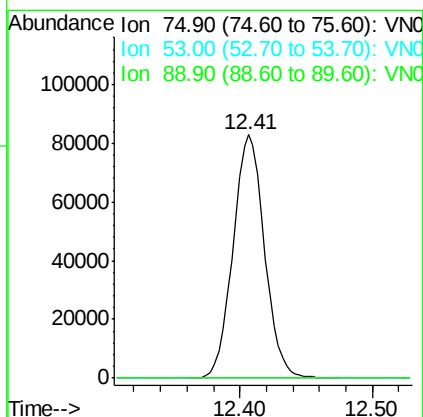
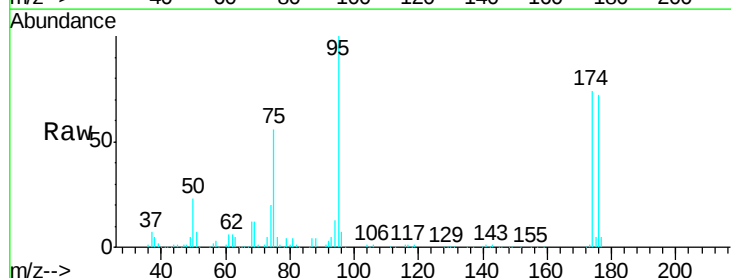
Tgt Ion: 75 Resp: 136261

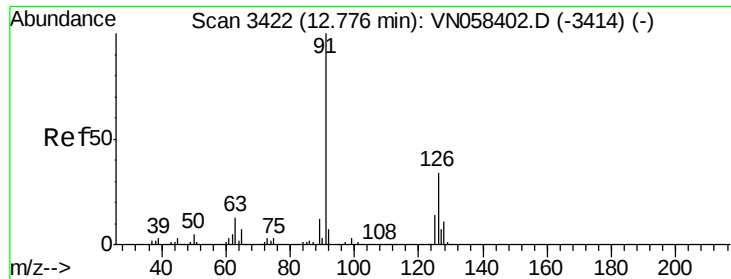
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#





#82

4-Chlorotoluene

Concen: 0.309 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

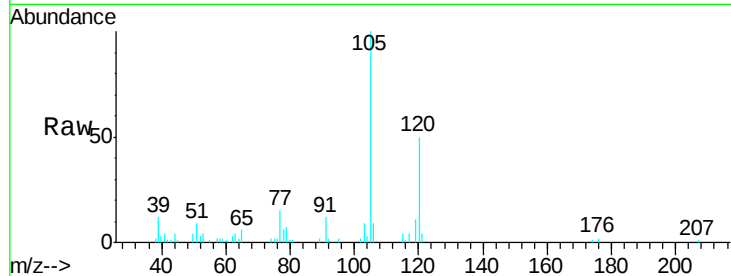
TP-1

Tgt Ion: 91 Resp: 3294

Ion Ratio Lower Upper

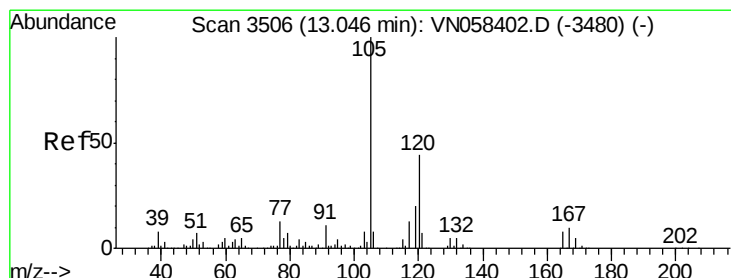
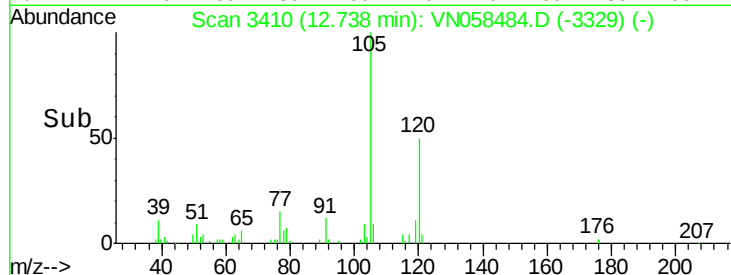
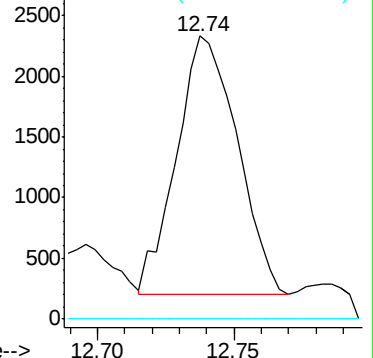
91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN058402.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN058402.D (-3414) (-)



#84

1,2,4-Trimethylbenzene

Concen: 2.529 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058484.D

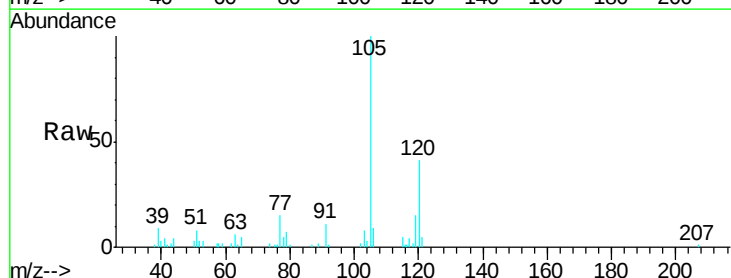
Acq: 2 Oct 2019 18:51

Tgt Ion: 105 Resp: 31894

Ion Ratio Lower Upper

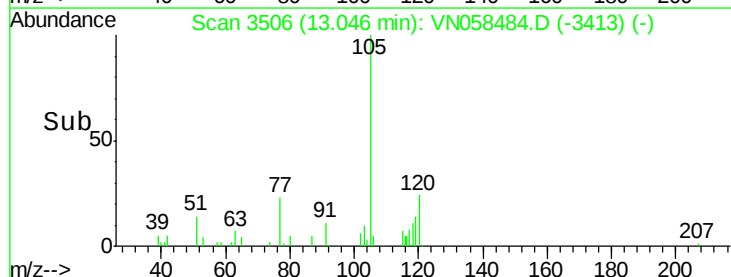
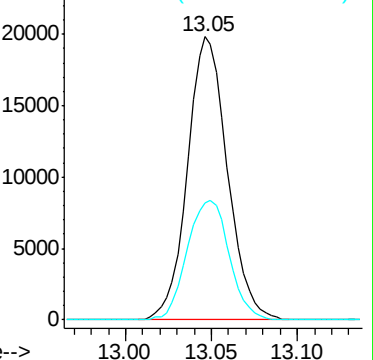
105 100

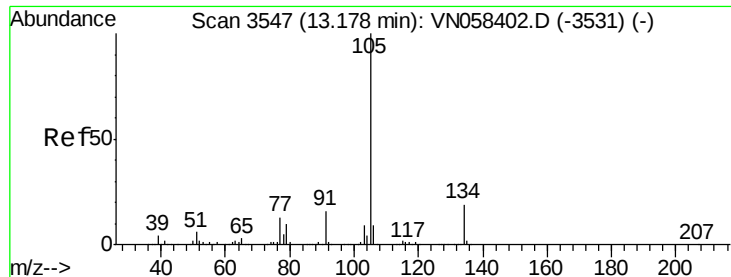
120 44.4 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058402.D (-3480) (-)

Ion 120.00 (119.70 to 120.70): VN058402.D (-3480) (-)

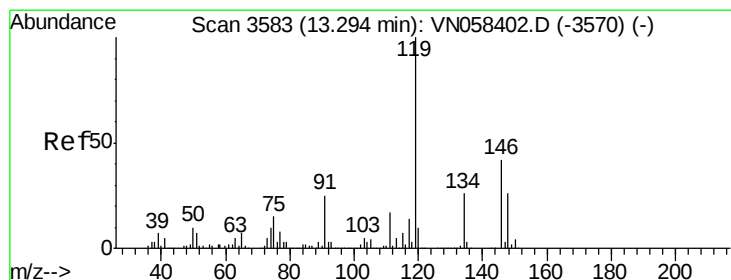
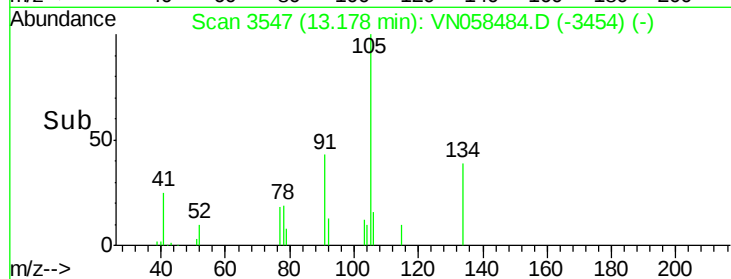
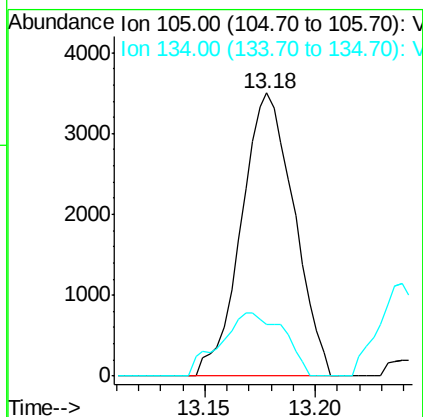
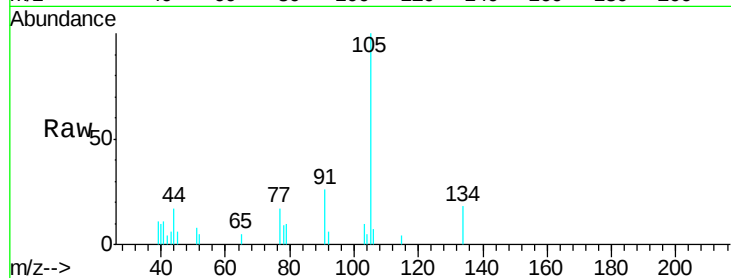




#85
 sec-Butylbenzene
 Concen: 0.414 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

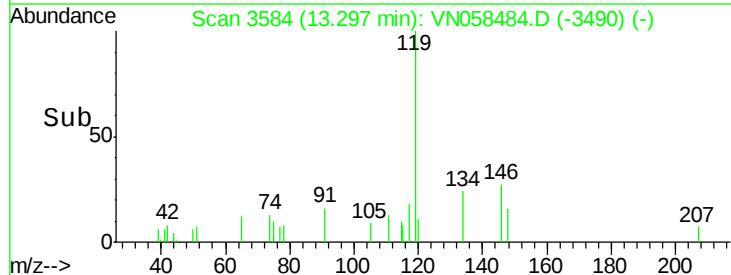
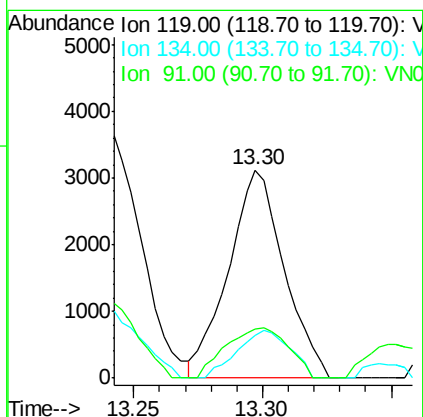
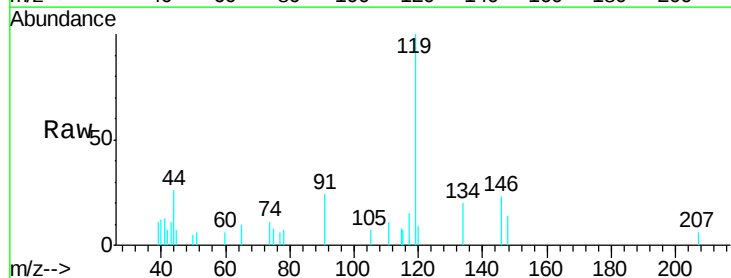
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

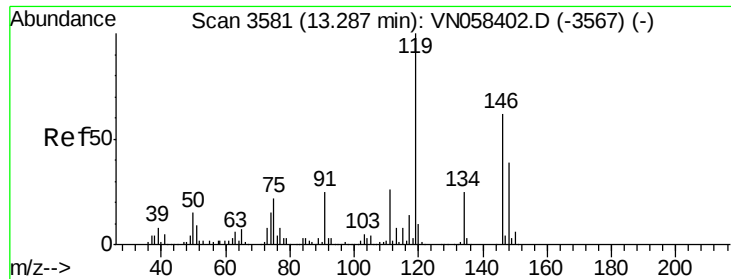
Tgt Ion:105 Resp: 5792
 Ion Ratio Lower Upper
 105 100
 134 26.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 0.380 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion:119 Resp: 4677
 Ion Ratio Lower Upper
 119 100
 134 21.9 13.0 39.0
 91 27.1 12.4 37.0

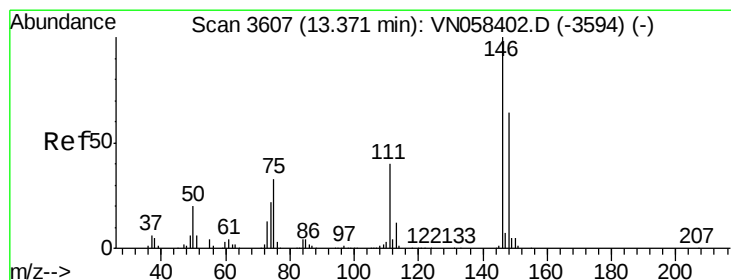
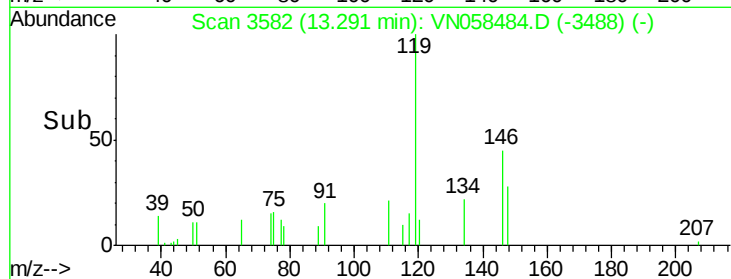
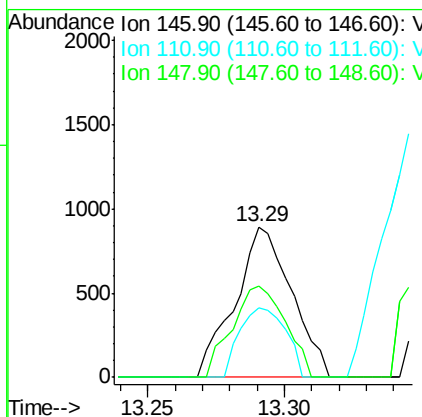
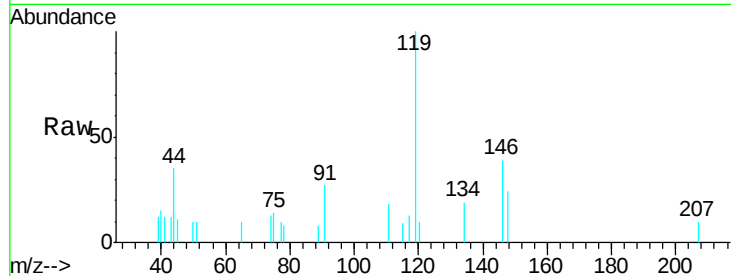




#87
 1,3-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

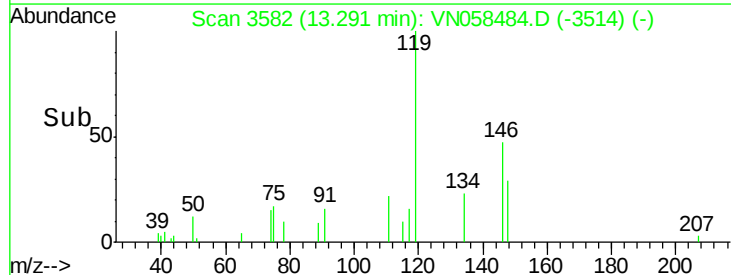
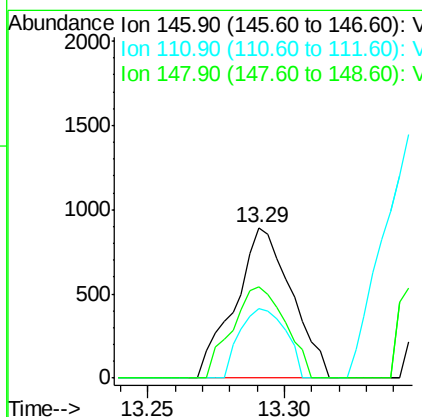
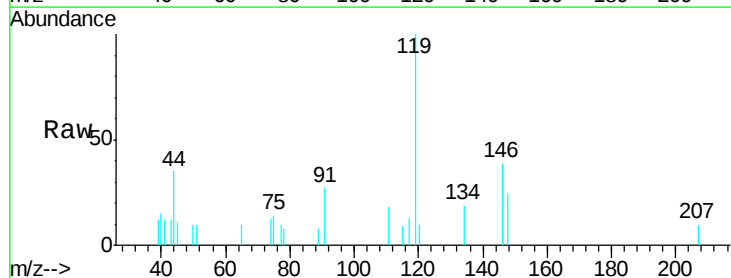
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

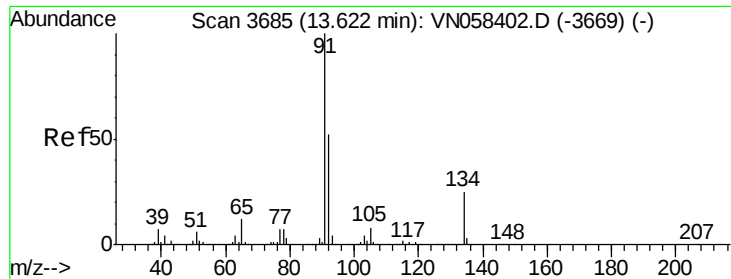
Tgt Ion:146 Resp: 1283
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.8 62.4
 148 57.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.08 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion:146 Resp: 1283
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.5 61.6
 148 57.2 31.5 94.5

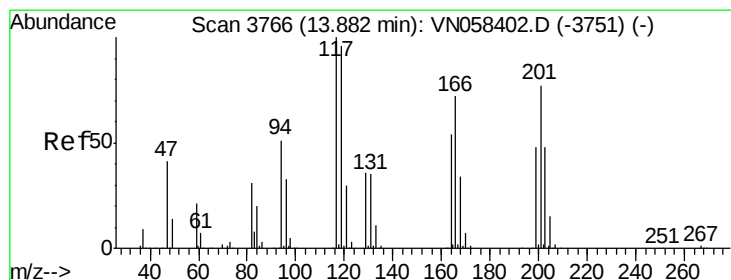
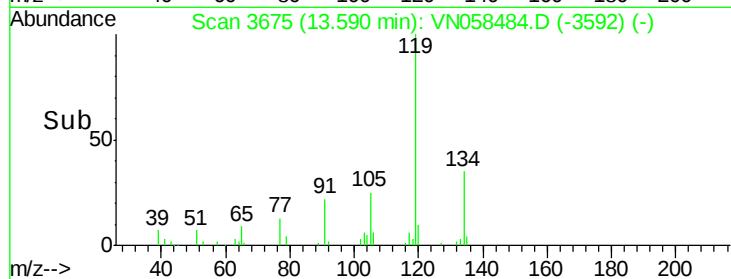
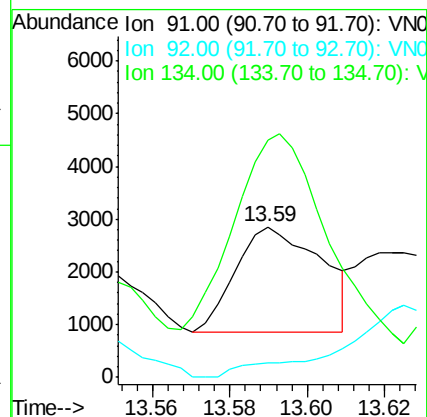
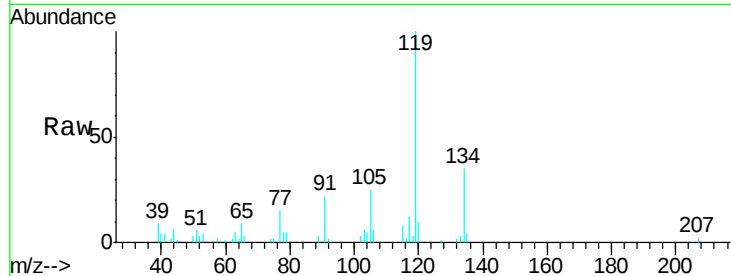




#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.03 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

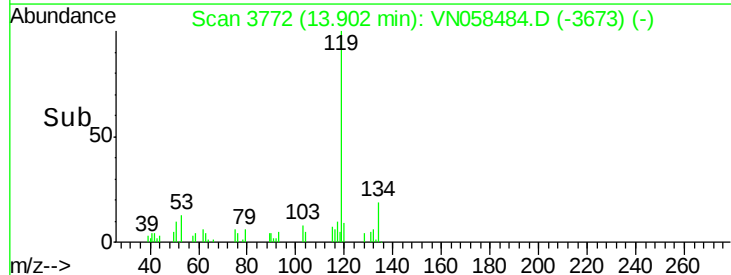
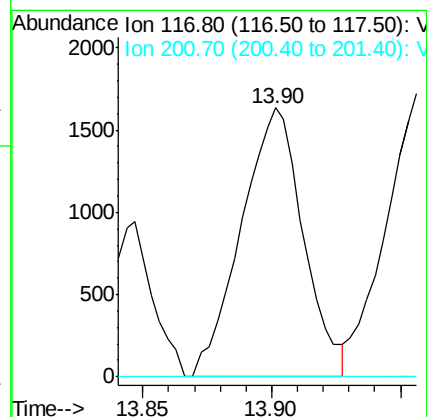
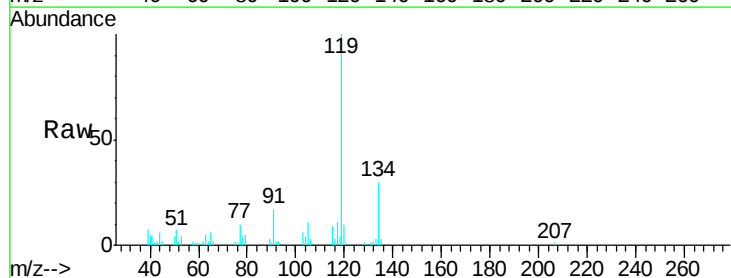
Instrument :
MSVOA_N
ClientSampled :
TP-1

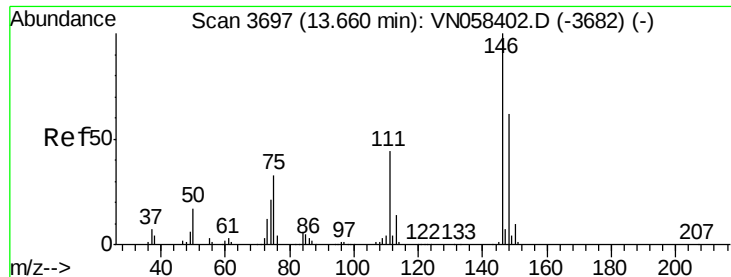
Tgt Ion: 91 Resp: 3069
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.1#
134 304.4 12.2 36.6#



#90
Hexachloroethane
Concen: 1.483 ug/l
RT: 13.90 min Scan# 3772
Delta R.T. 0.02 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion: 117 Resp: 2742
Ion Ratio Lower Upper
117 100
201 0.0 38.6 116.0#





#91

1,2-Dichlorobenzene

Concen: 0.201 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TP-1

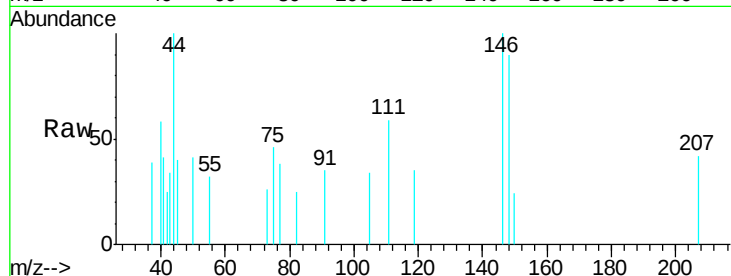
Tgt Ion:146 Resp: 1237

Ion Ratio Lower Upper

146 100

111 41.6 21.8 65.3

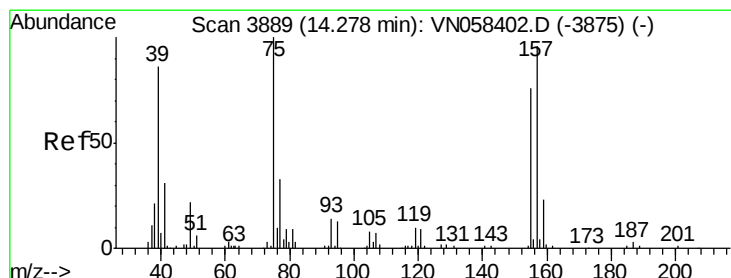
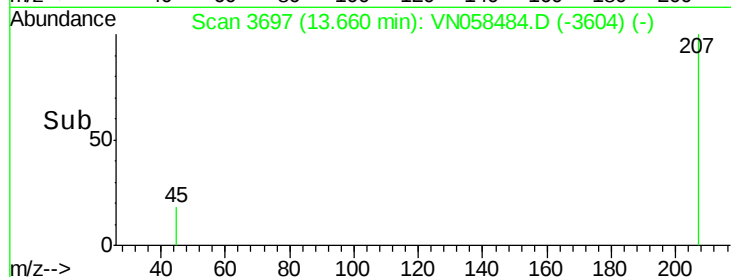
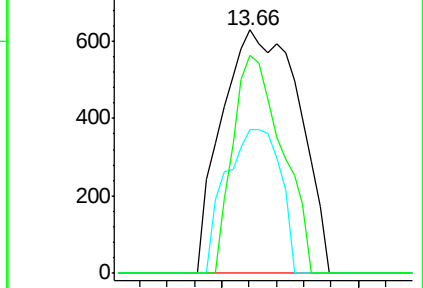
148 57.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.255 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.03 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

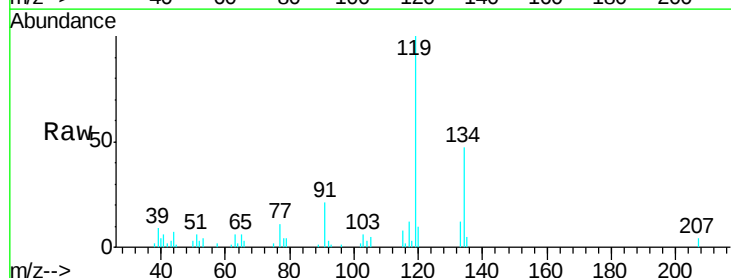
Tgt Ion: 75 Resp: 200

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

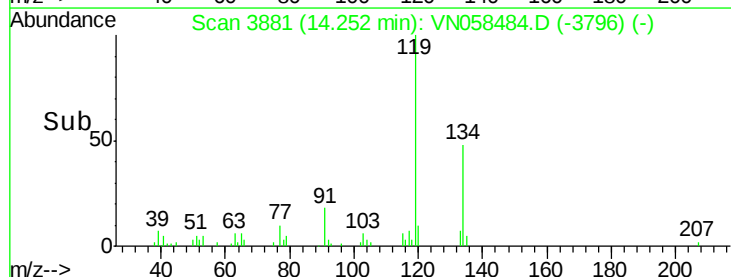
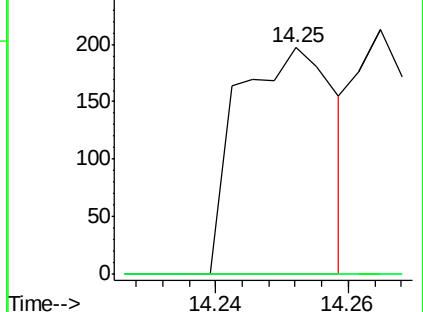
157 0.0 48.7 146.1#

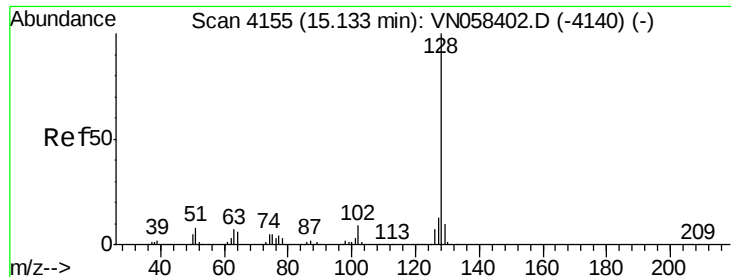


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

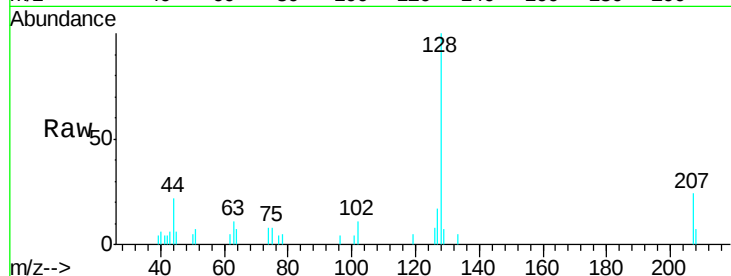




#95
Naphthalene
Concen: 0.852 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:128 Resp: 8761
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 9.6 8.3 12.5



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

