

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121919\
 Data File : VN059668.D
 Acq On : 19 Dec 2019 13:57
 Operator : JC/SP
 Sample : VN1219WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

Quant Time: Dec 20 01:52:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	287107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	401787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	176459	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
35) Dibromofluoromethane	7.57	113	137295	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
50) Toluene-d8	10.08	98	420754	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	
62) 4-Bromofluorobenzene	12.40	95	144415	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	56583	15.252	ug/l	97
3) Chloromethane	2.04	50	69145	11.744	ug/l	100
4) Vinyl Chloride	2.17	62	82219	14.727	ug/l	99
5) Bromomethane	2.55	94	49032	15.107	ug/l	100
6) Chloroethane	2.68	64	50489	16.091	ug/l	98
7) Trichlorofluoromethane	3.00	101	93908	15.330	ug/l	100
8) Diethyl Ether	3.38	74	37917	19.811	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	53827	17.437	ug/l	95
10) Methyl Iodide	3.92	142	78088	19.108	ug/l	95
11) Tert butyl alcohol	4.76	59	56866	74.244	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	52967	17.589	ug/l	95
13) Acrolein	3.58	56	31898	58.464	ug/l	96
14) Allyl chloride	4.29	41	121077	19.586	ug/l	88
15) Acrylonitrile	4.95	53	168954	91.194	ug/l	97
16) Acetone	3.79	43	144334	58.189	ug/l	93
17) Carbon Disulfide	4.02	76	181915	18.094	ug/l	99
18) Methyl Acetate	4.29	43	105693	20.335	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	185794	17.474	ug/l	98
20) Methylene Chloride	4.52	84	66179	18.474	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	57482	17.123	ug/l	97
22) Diisopropyl ether	5.92	45	213406	18.725	ug/l	97
23) Vinyl Acetate	5.86	43	801736	89.640	ug/l	99
24) 1,1-Dichloroethane	5.82	63	110540	17.122	ug/l	98
25) 2-Butanone	6.81	43	252255	85.046	ug/l	100
26) 2,2-Dichloropropane	6.80	77	103744	17.681	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	71589	19.245	ug/l	99
28) Bromochloromethane	7.17	49	54034	20.201	ug/l	99
29) Tetrahydrofuran	7.18	42	174423	96.516	ug/l	98
30) Chloroform	7.35	83	121716	19.154	ug/l	98
31) Cyclohexane	7.63	56	115996	19.015	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	97400	17.001	ug/l	98
36) 1,1-Dichloropropene	7.77	75	88200	21.050	ug/l	99
37) Ethyl Acetate	6.90	43	105645	21.693	ug/l	99
38) Carbon Tetrachloride	7.75	117	84954	19.539	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	96009	20.201	ug/l	98
40) Benzene	8.02	78	269042	21.972	ug/l	100
41) Methacrylonitrile	7.14	41	42786	21.288	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	82216	17.532	ug/l	96
43) Isopropyl Acetate	8.14	43	132696	17.526	ug/l	95
44) Trichloroethene	8.82	130	63266	19.725	ug/l	99
45) 1,2-Dichloropropane	9.10	63	68839	20.819	ug/l	98
46) Dibromomethane	9.19	93	43691	20.168	ug/l	95
47) Bromodichloromethane	9.39	83	92522	21.422	ug/l	100
48) Methyl methacrylate	9.18	41	60321	17.560	ug/l #	85
49) 1,4-Dioxane	9.19	88	19027	386.508	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	383009	84.844	ug/l	100
52) Toluene	10.14	92	122956	16.342	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	82834	16.583	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	88175	16.793	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	51201	17.343	ug/l	100
56) Ethyl methacrylate	10.42	69	71930	16.412	ug/l	99
57) 1,3-Dichloropropane	10.70	76	88644	17.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	135236	97.018	ug/l	100
59) 2-Hexanone	10.74	43	268095	75.353	ug/l	100
60) Dibromochloromethane	10.90	129	53106	16.481	ug/l	100
61) 1,2-Dibromoethane	11.00	107	51455	16.434	ug/l	98
64) Tetrachloroethene	10.62	164	51947	17.788	ug/l	99
65) Chlorobenzene	11.43	112	129447	19.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	50762	19.716	ug/l	100
67) Ethyl Benzene	11.51	91	236638	19.341	ug/l	100
68) m/p-Xylenes	11.62	106	167321	37.034	ug/l	100
69) o-Xylene	11.94	106	80443	18.712	ug/l	96
70) Styrene	11.96	104	128989	18.675	ug/l	99
71) Bromoform	12.12	173	37597	19.426	ug/l #	98
73) Isopropylbenzene	12.25	105	218579	19.787	ug/l	99
74) N-amyl acetate	12.07	43	96687	19.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	70139	20.016	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	103320	29.659	ug/l #	100
77) Bromobenzene	12.52	156	52292	19.249	ug/l	98
78) n-propylbenzene	12.59	91	259210	19.851	ug/l	100
79) 2-Chlorotoluene	12.67	91	156742	19.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	187907	20.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26134	18.529	ug/l	96
82) 4-Chlorotoluene	12.77	91	160305	19.828	ug/l	99
83) tert-Butylbenzene	12.99	119	154553	19.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	184821	19.883	ug/l	100
85) sec-Butylbenzene	13.17	105	210151	19.956	ug/l	99
86) p-Isopropyltoluene	13.29	119	183285	19.217	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	92578	18.533	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	93771	18.618	ug/l	100
89) n-Butylbenzene	13.61	91	165440	18.501	ug/l	99
90) Hexachloroethane	13.87	117	35900	19.913	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	91305	18.533	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15294	16.715	ug/l	97

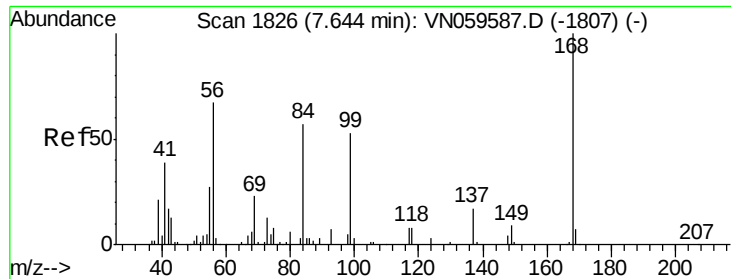
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121919\
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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53643	16.862	ug/l	99
94) Hexachlorobutadiene	15.01	225	28834	17.765	ug/l	99
95) Naphthalene	15.12	128	156048	16.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	54594	16.968	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

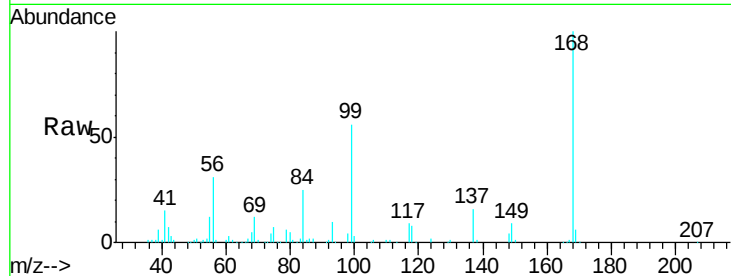
VN1219WBSD01

Tgt Ion:168 Resp: 287107

Ion Ratio Lower Upper

168 100

99 55.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

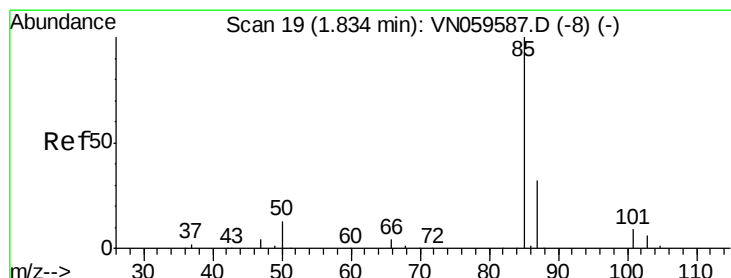
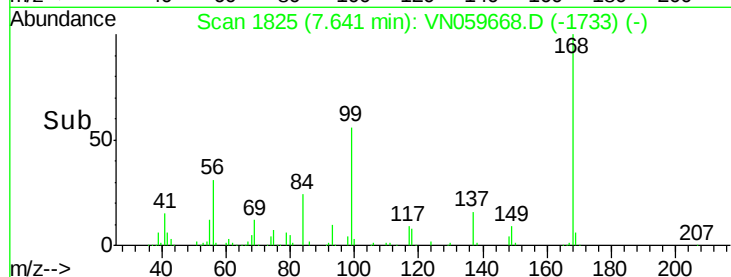
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.252 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059668.D

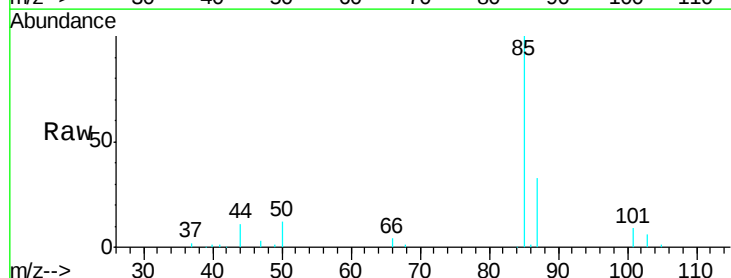
Acq: 19 Dec 2019 13:57

Tgt Ion: 85 Resp: 56583

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

30000

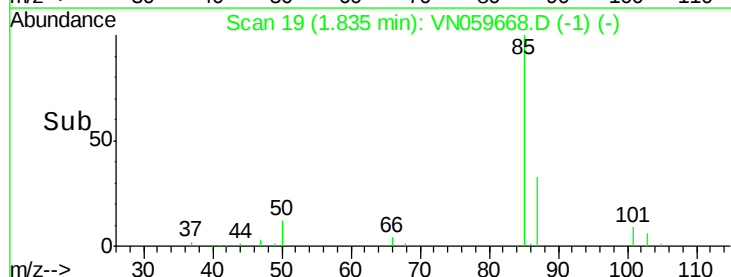
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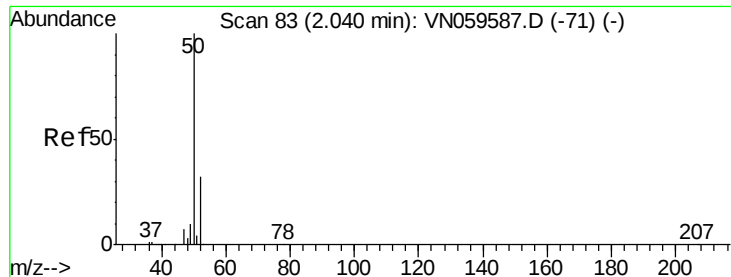
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 11.744 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

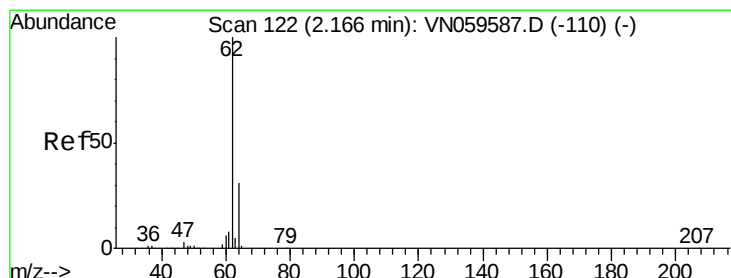
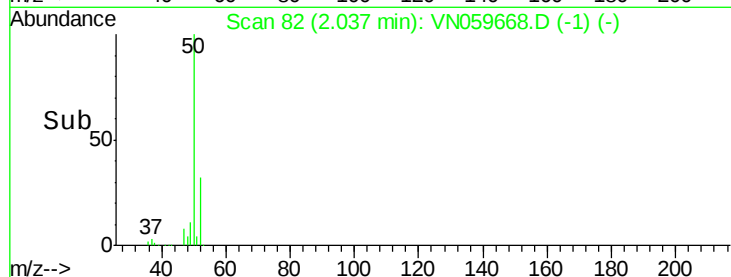
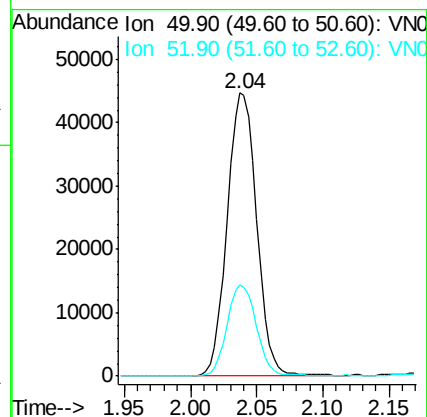
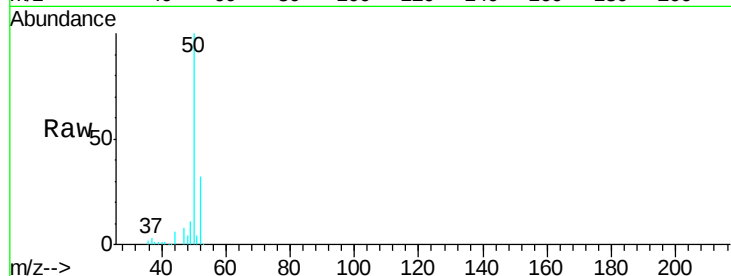
VN1219WBSD01

Tgt Ion: 50 Resp: 69145

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 14.727 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059668.D

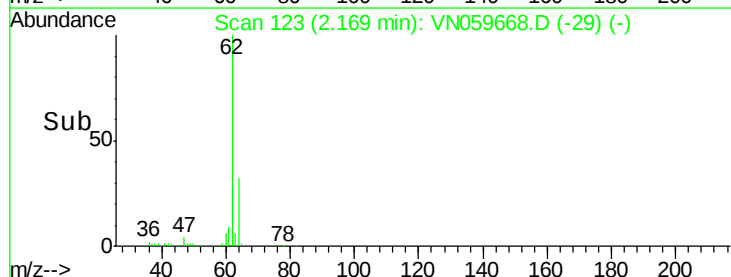
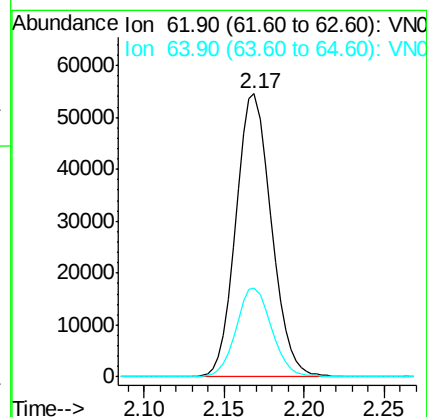
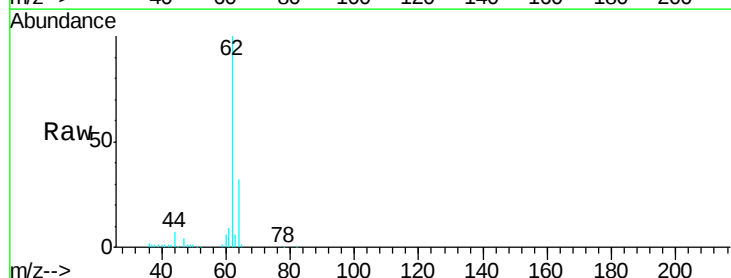
Acq: 19 Dec 2019 13:57

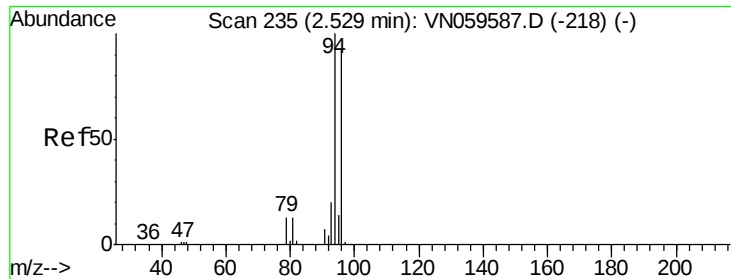
Tgt Ion: 62 Resp: 82219

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 15.107 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

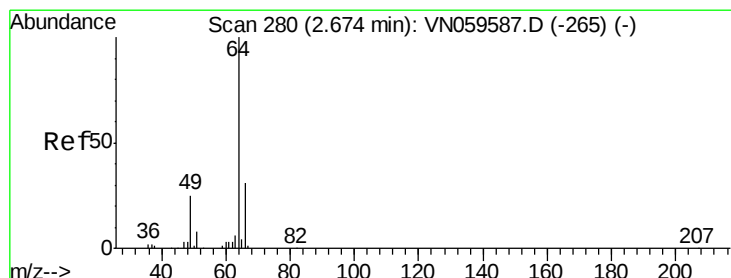
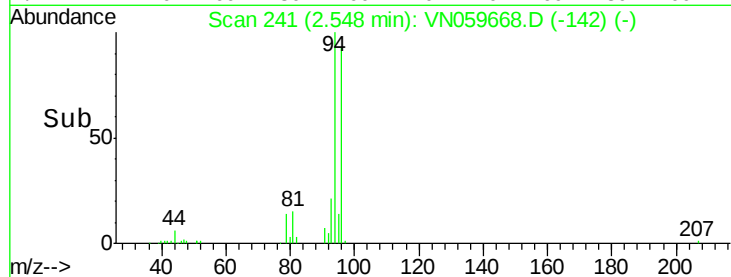
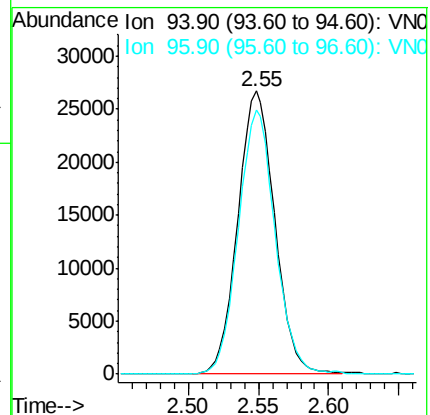
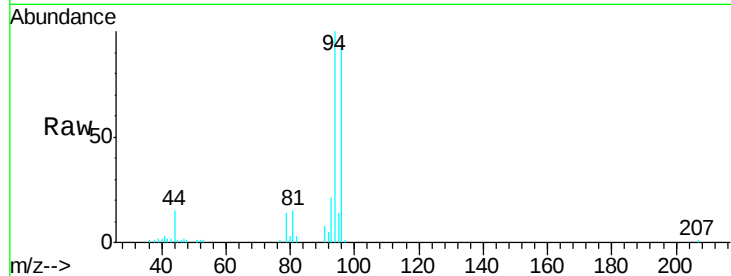
VN1219WBSD01

Tgt Ion: 94 Resp: 49032

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1



#6

Chloroethane

Concen: 16.091 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059668.D

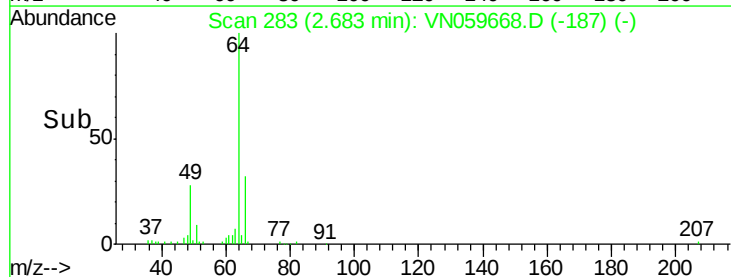
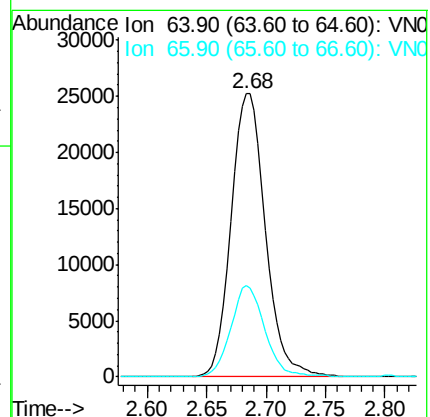
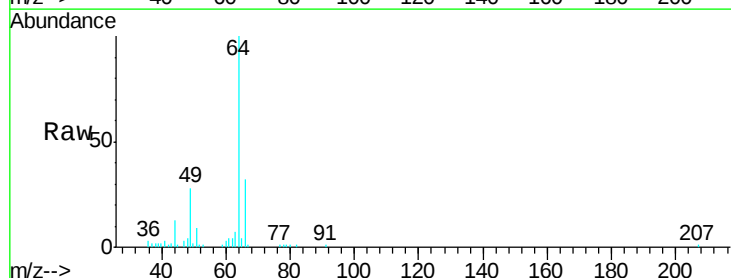
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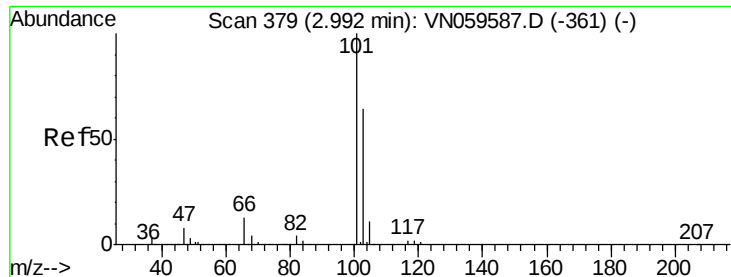
Tgt Ion: 64 Resp: 50489

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



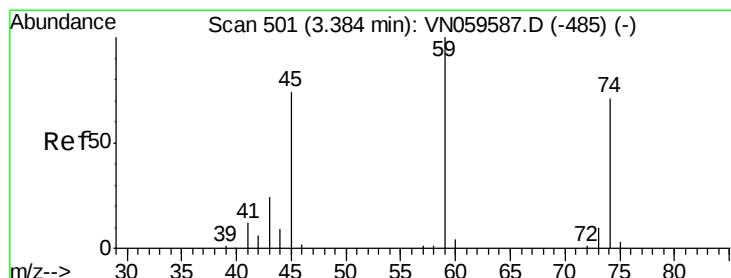
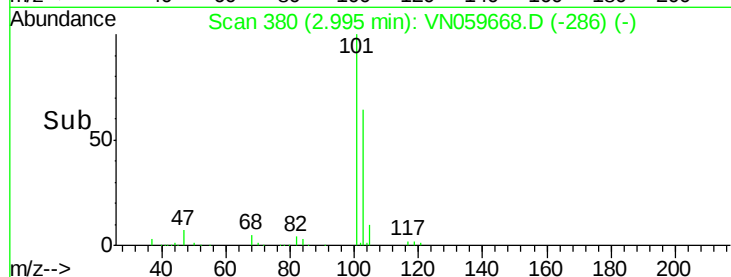
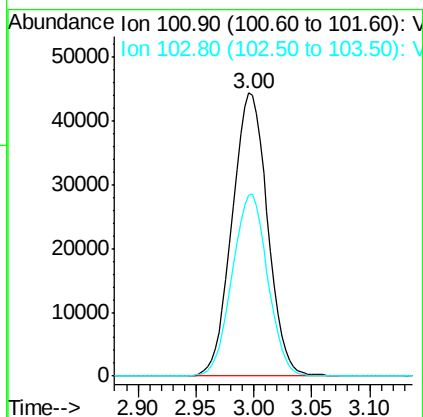
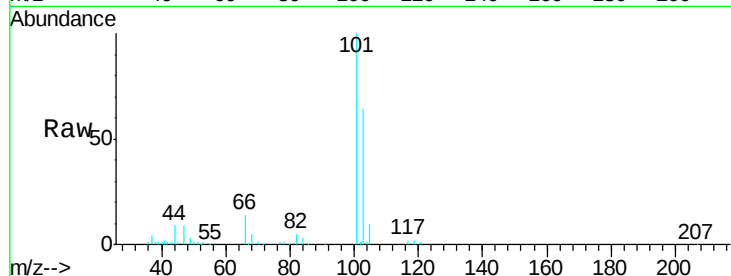


#7

Trichlorofluoromethane
 Concen: 15.330 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Instrument :
 MSVOA_N
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 VN1219WBSD01

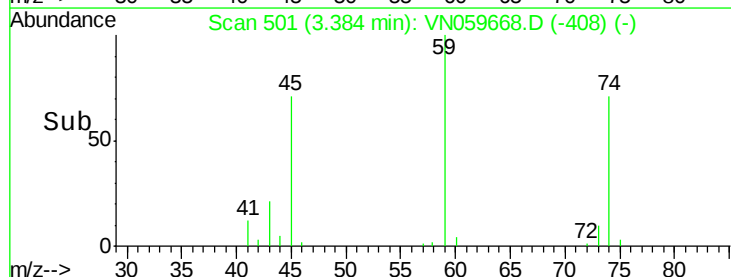
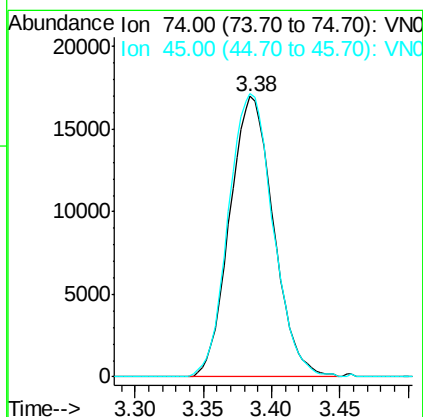
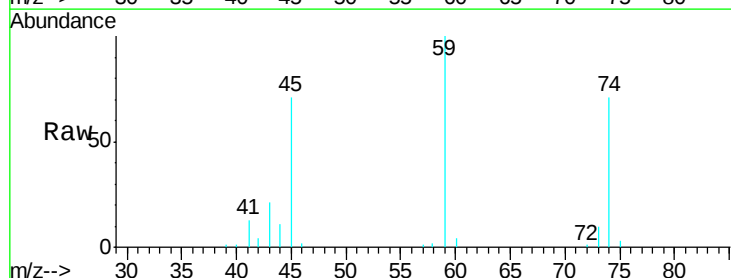
Tgt Ion: 101 Resp: 93908
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.6

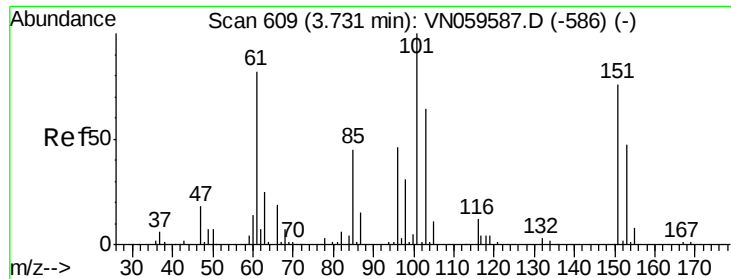


#8

Diethyl Ether
 Concen: 19.811 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 74 Resp: 37917
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.437 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

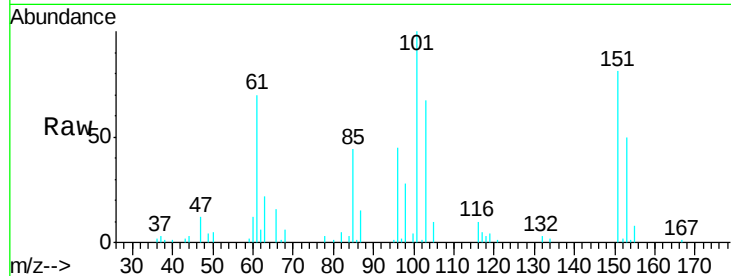
Tgt Ion:101 Resp: 53827

Ion Ratio Lower Upper

101 100

85 43.0 36.6 54.8

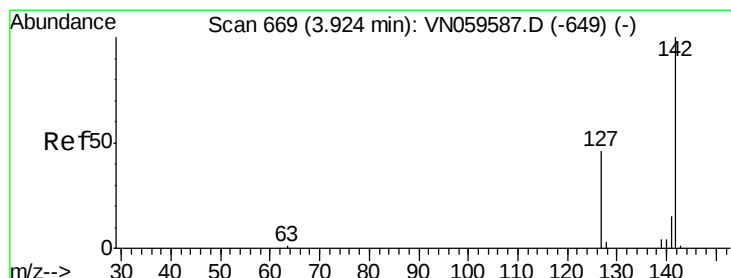
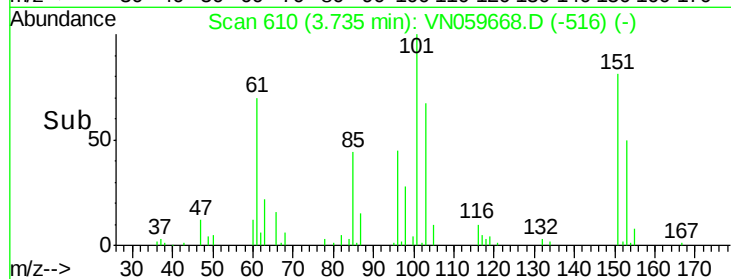
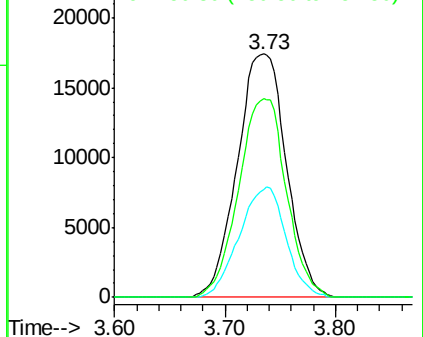
151 79.3 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.108 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

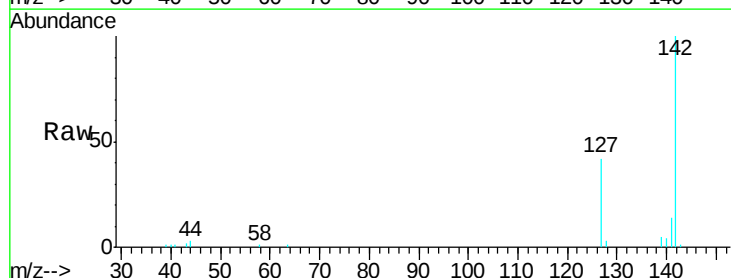
Tgt Ion:142 Resp: 78088

Ion Ratio Lower Upper

142 100

127 41.8 36.7 55.1

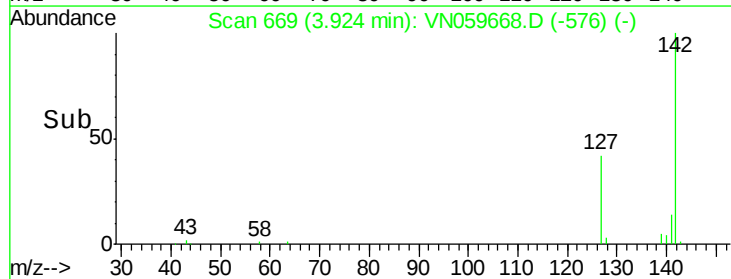
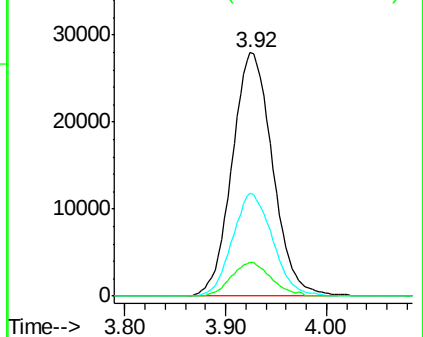
141 13.6 11.7 17.5

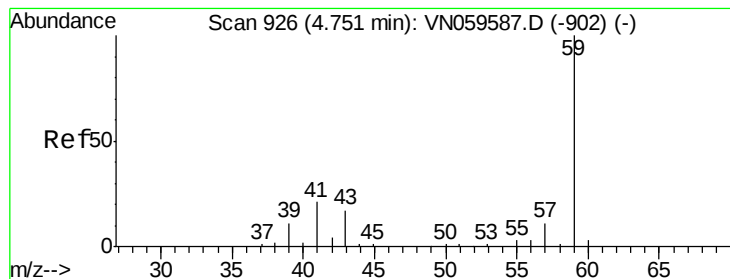


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 74.244 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.01 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

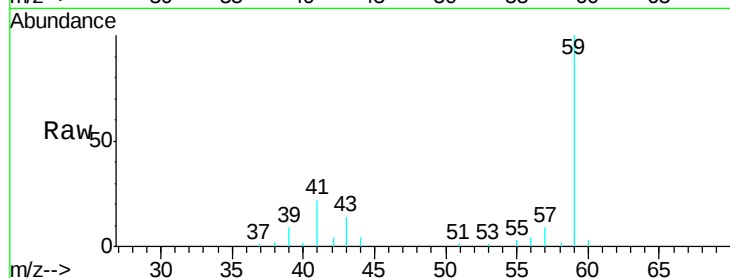
VN1219WBSD01

Tgt Ion: 59 Resp: 56866

Ion Ratio Lower Upper

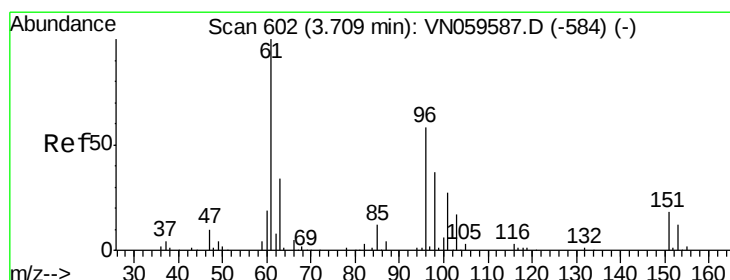
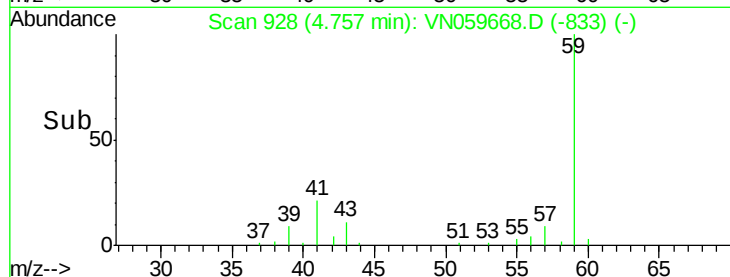
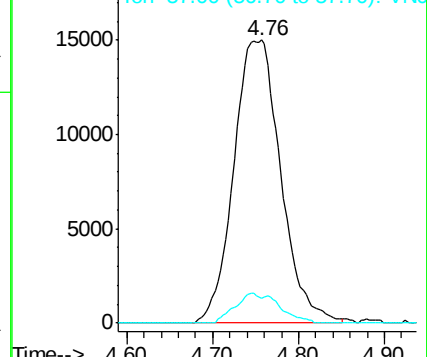
59 100

57 5.8 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.589 ug/l

RT: 3.71 min Scan# 602

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

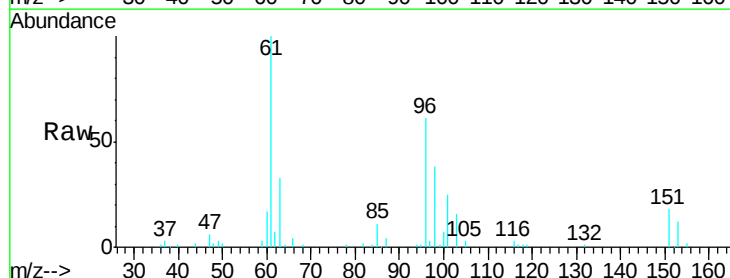
Tgt Ion: 96 Resp: 52967

Ion Ratio Lower Upper

96 100

61 163.5 137.5 206.3

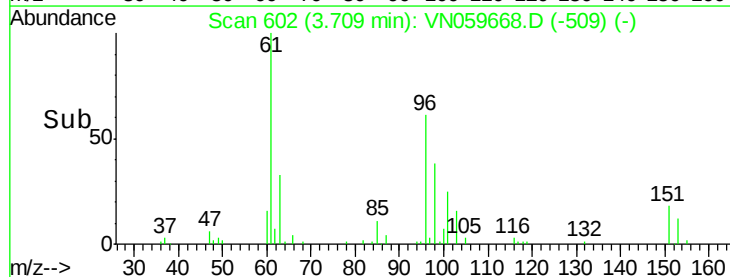
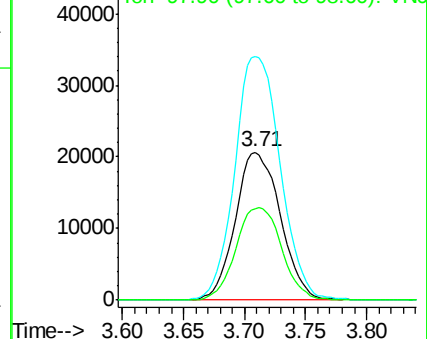
98 61.9 50.2 75.4

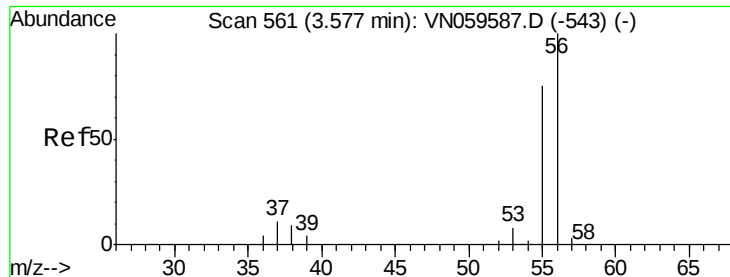


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 58.464 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

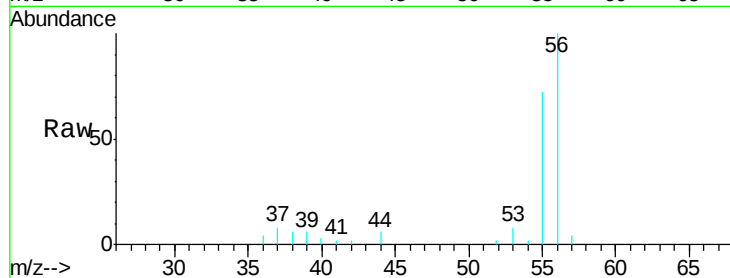
VN1219WBSD01

Tgt Ion: 56 Resp: 31898

Ion Ratio Lower Upper

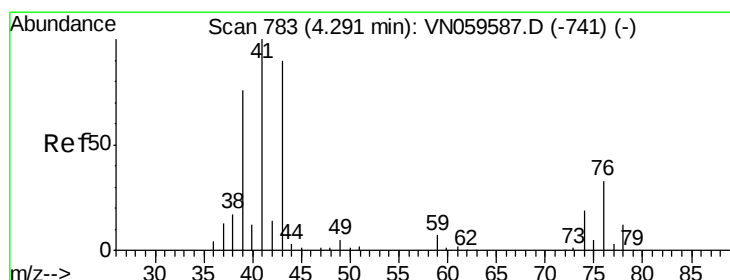
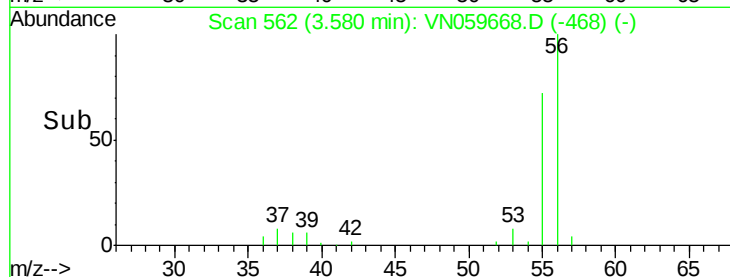
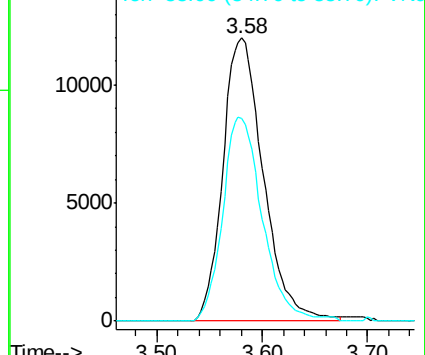
56 100

55 69.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.586 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

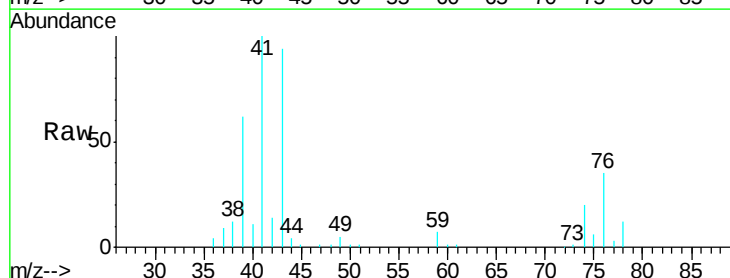
Tgt Ion: 41 Resp: 121077

Ion Ratio Lower Upper

41 100

39 58.9 57.8 86.8

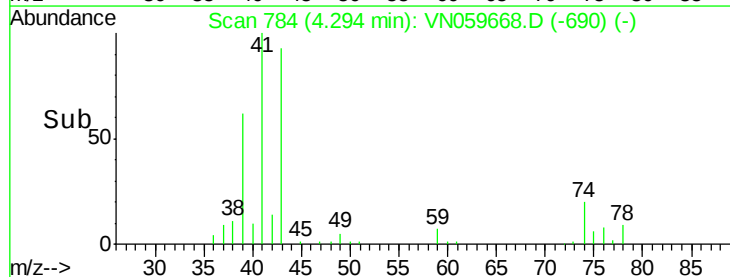
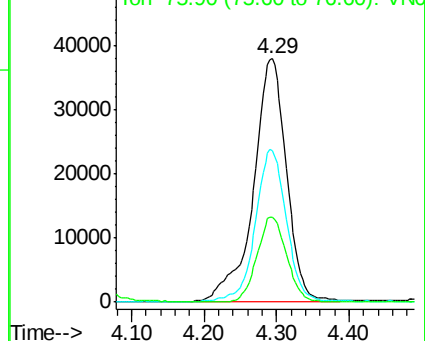
76 31.0 25.4 38.0

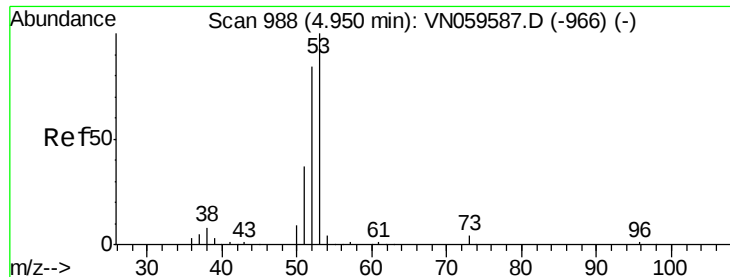


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.194 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

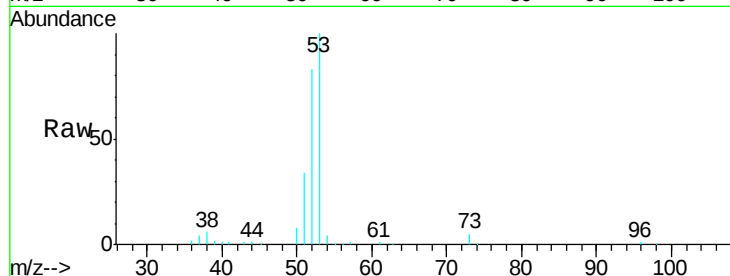
Tgt Ion: 53 Resp: 168954

Ion Ratio Lower Upper

53 100

52 80.5 66.3 99.5

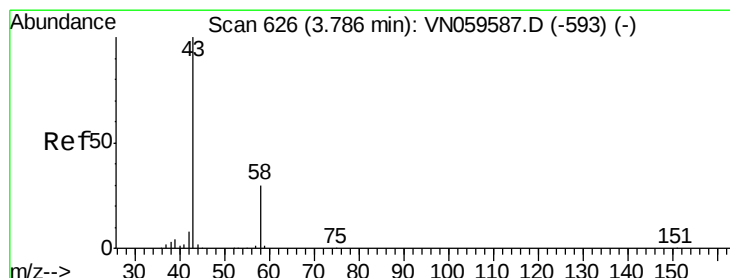
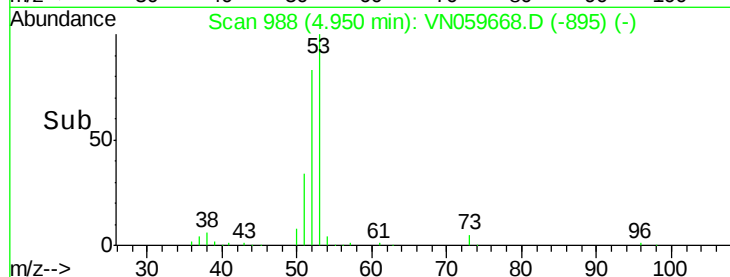
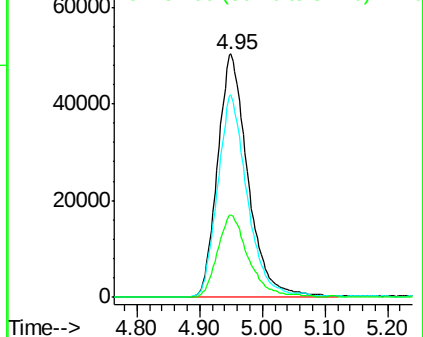
51 34.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 58.189 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059668.D

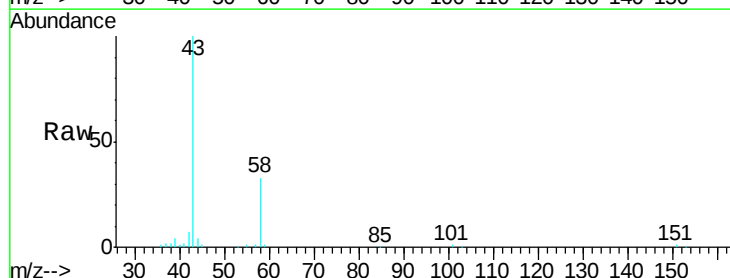
Acq: 19 Dec 2019 13:57

Tgt Ion: 43 Resp: 144334

Ion Ratio Lower Upper

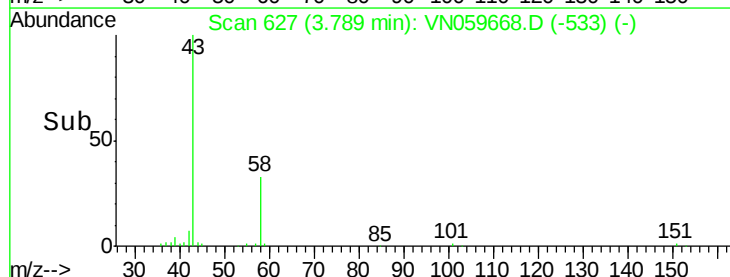
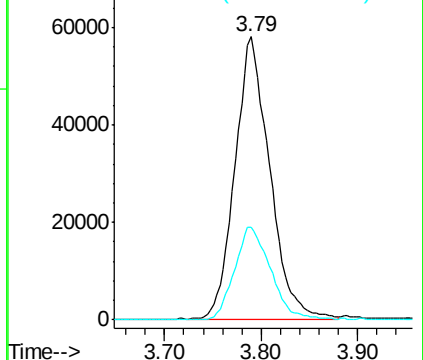
43 100

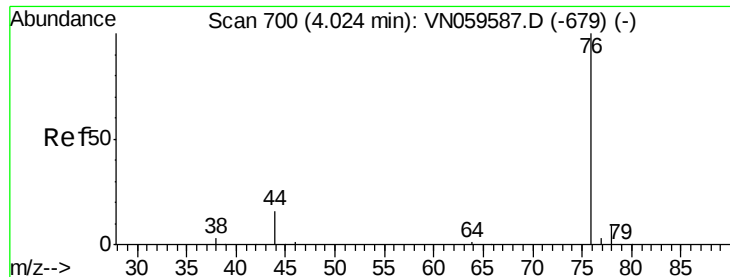
58 33.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.094 ug/l

RT: 4.02 min Scan# 700

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

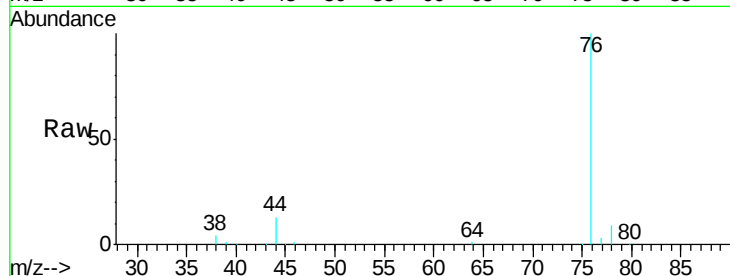
VN1219WBSD01

Tgt Ion: 76 Resp: 181915

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059587.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059587.D (-679) (-)

4.02

80000

60000

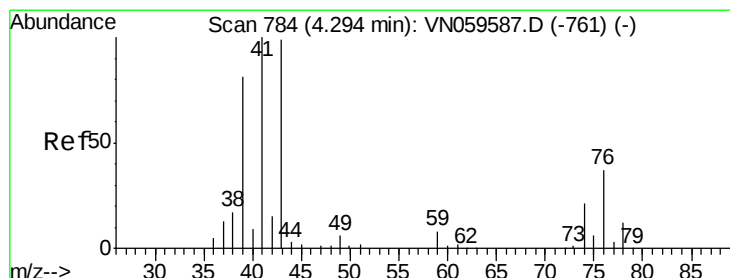
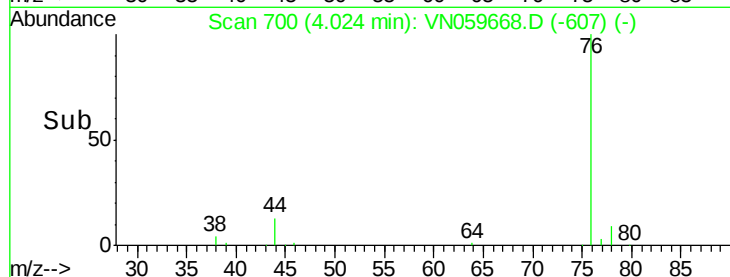
40000

20000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 20.335 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059668.D

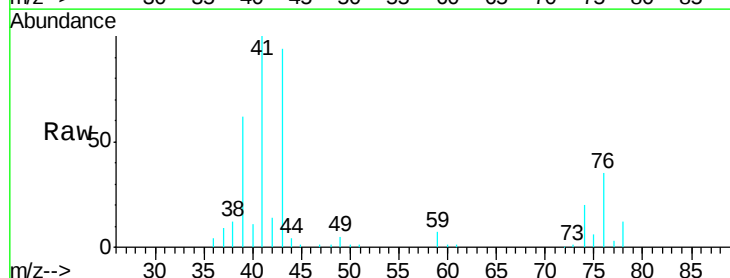
Acq: 19 Dec 2019 13:57

Tgt Ion: 43 Resp: 105693

Ion Ratio Lower Upper

43 100

74 21.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-761) (-)

Ion 74.00 (73.70 to 74.70): VN059587.D (-761) (-)

4.29

40000

30000

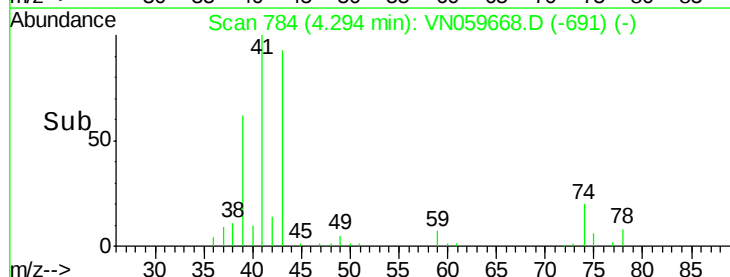
20000

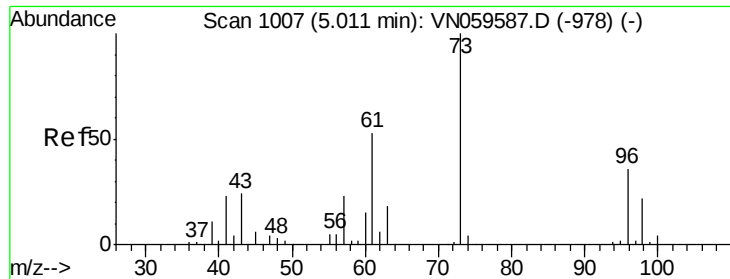
10000

0

Time-->

4.20 4.30 4.40 4.50

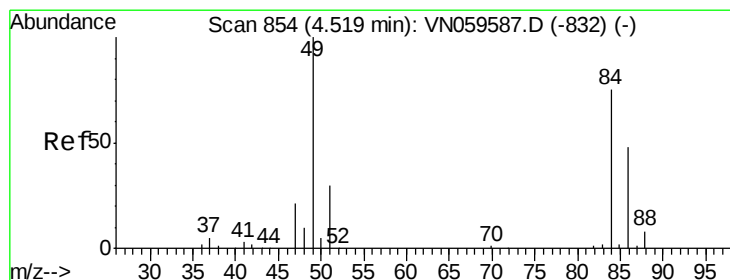
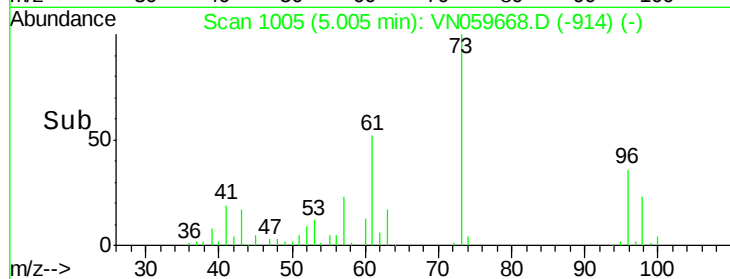
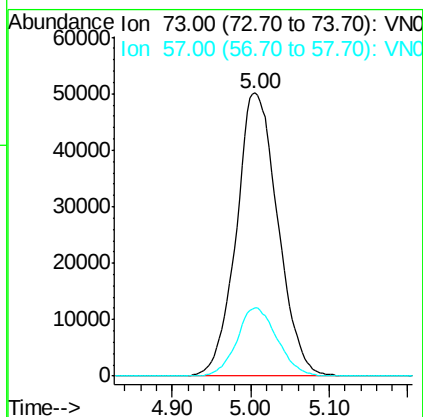
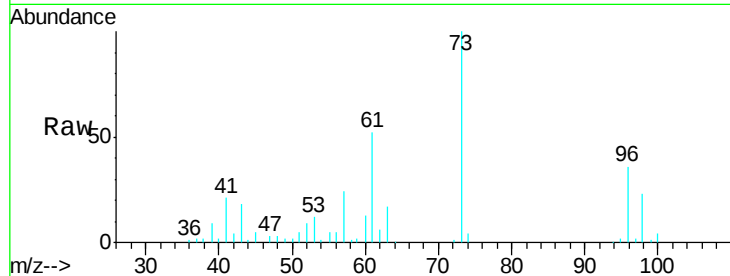




#19
Methyl tert-butyl Ether
Concen: 17.474 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

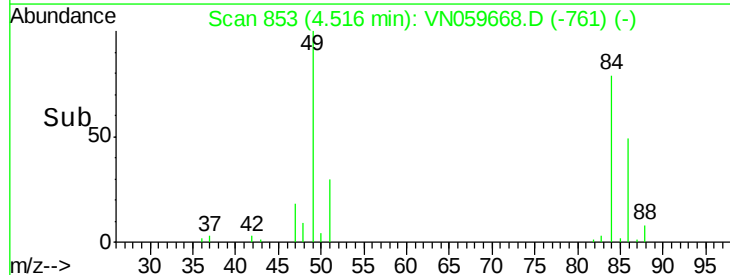
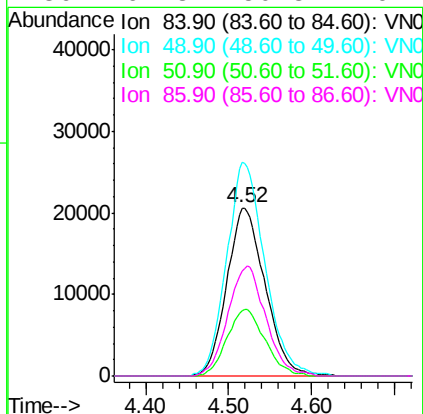
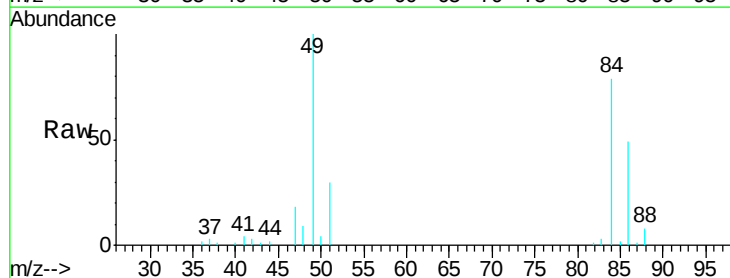
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

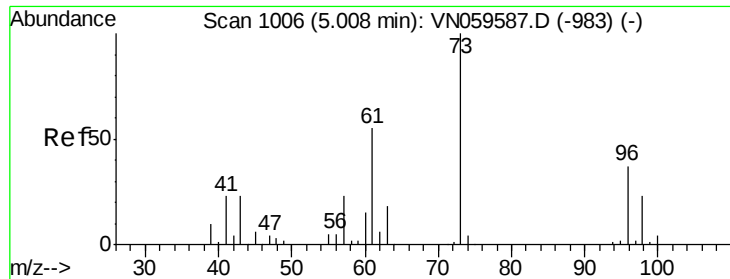
Tgt Ion: 73 Resp: 185794
Ion Ratio Lower Upper
73 100
57 24.2 18.6 27.8



#20
Methylene Chloride
Concen: 18.474 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 84 Resp: 66179
Ion Ratio Lower Upper
84 100
49 127.3 106.6 160.0
51 38.6 31.9 47.9
86 62.3 50.8 76.2

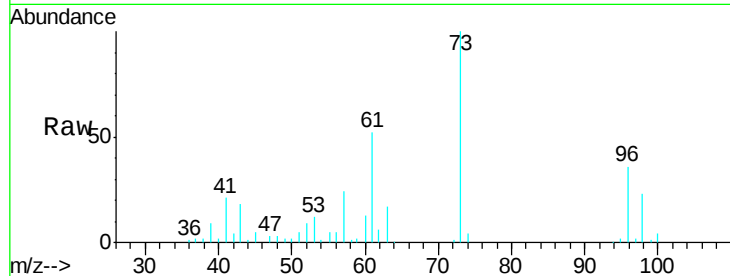




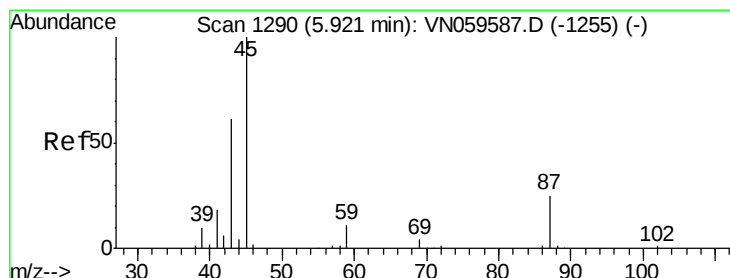
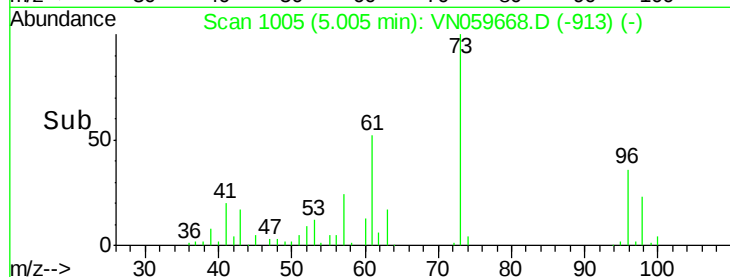
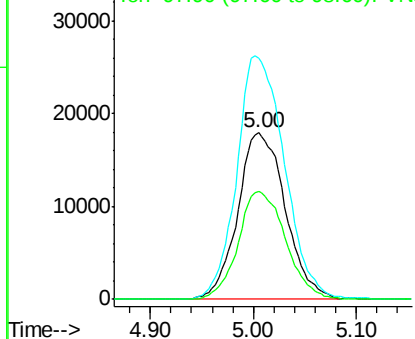
#21
trans-1,2-Dichloroethene
Concen: 17.123 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 96 Resp: 57482
Ion Ratio Lower Upper
96 100
61 145.1 120.4 180.6
98 64.5 50.6 75.8

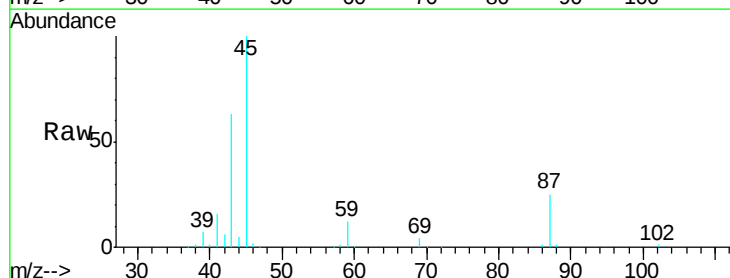


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

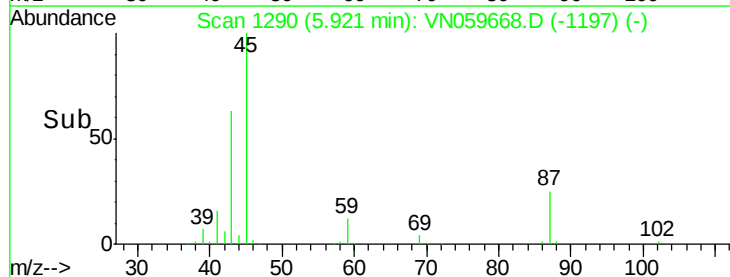
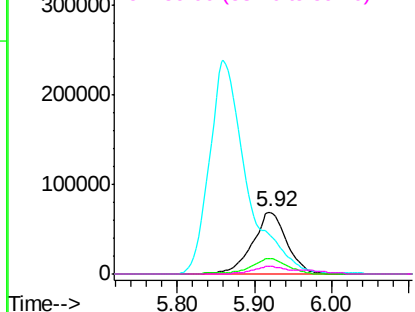


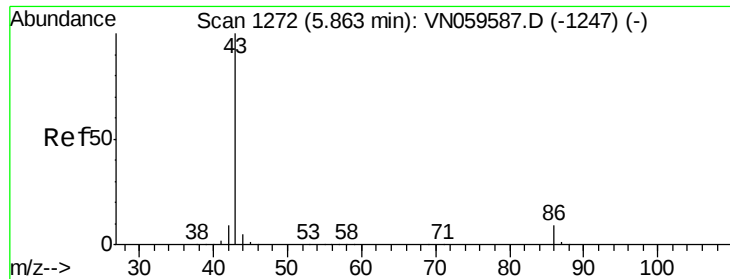
#22
Diisopropyl ether
Concen: 18.725 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 45 Resp: 213406
Ion Ratio Lower Upper
45 100
43 60.8 50.8 76.2
87 25.1 21.0 31.6
59 12.1 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

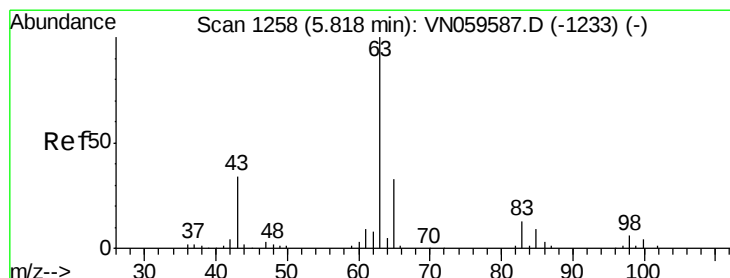
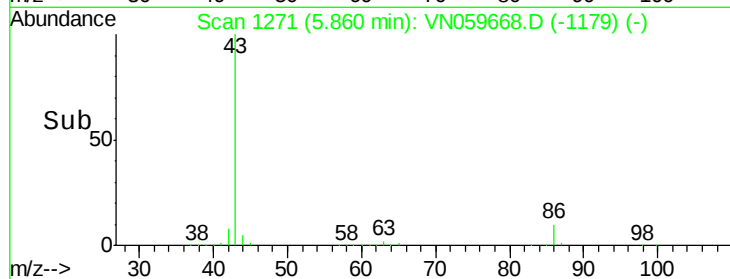
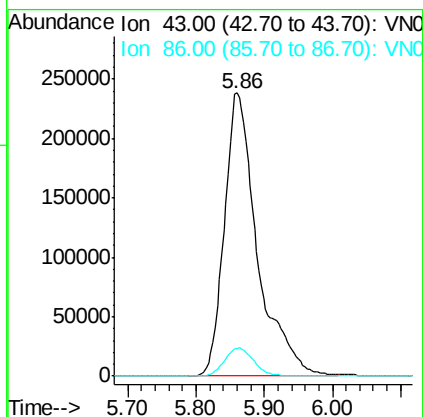
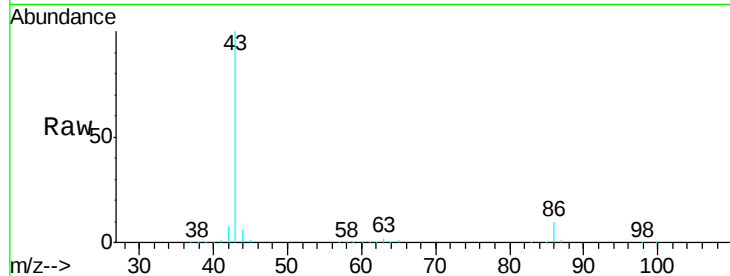




#23
 Vinyl Acetate
 Concen: 89.640 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

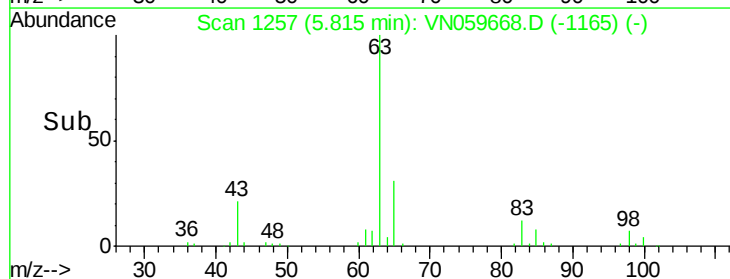
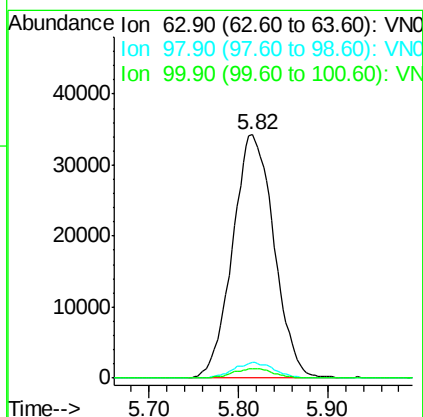
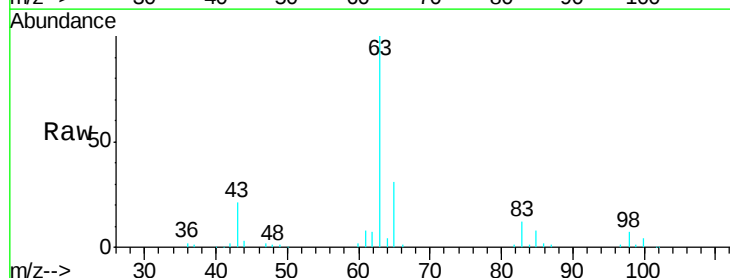
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1219WBSD01

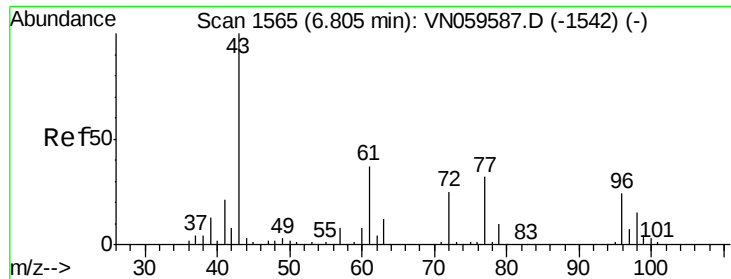
Tgt Ion: 43 Resp: 801736
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 17.122 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 63 Resp: 110540
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.7
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 85.046 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

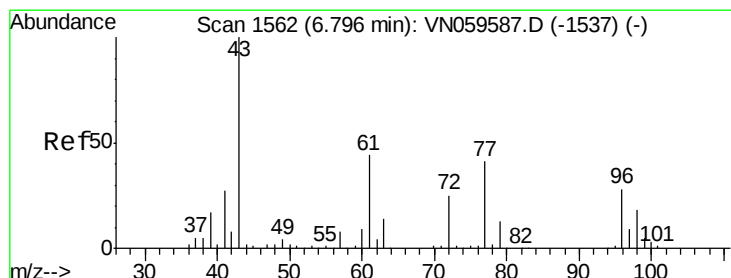
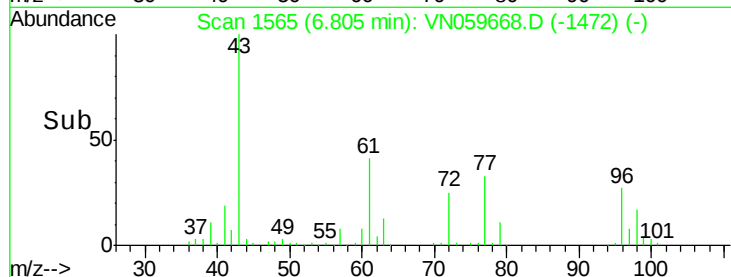
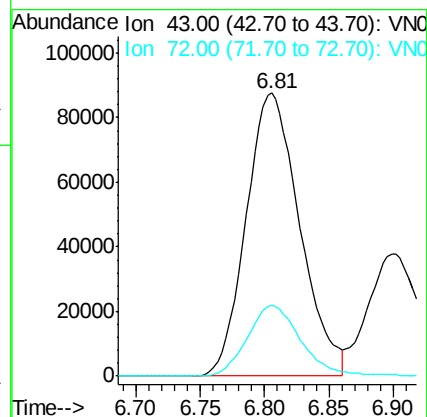
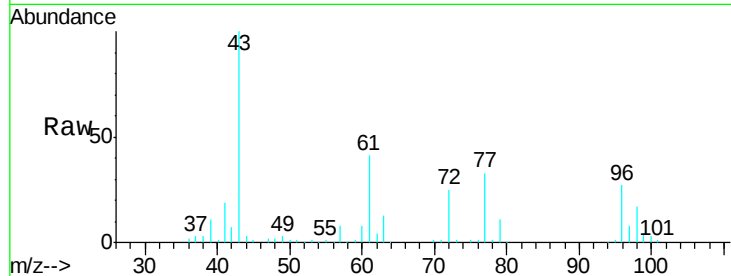
VN1219WBSD01

Tgt Ion: 43 Resp: 252255

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.681 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059668.D

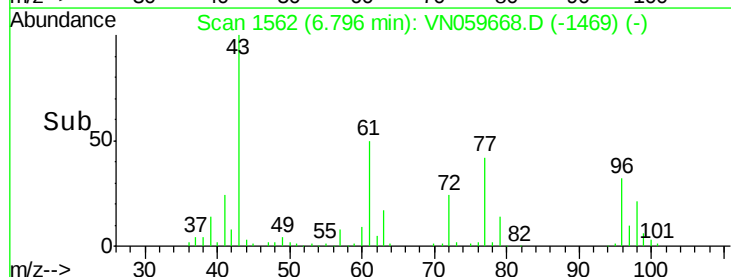
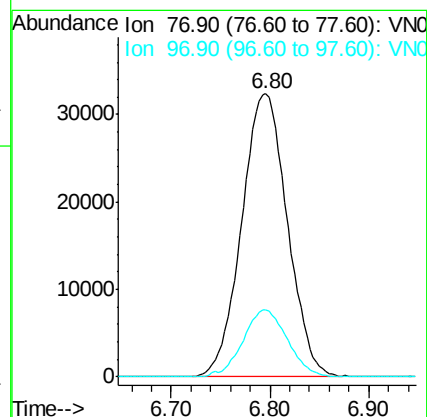
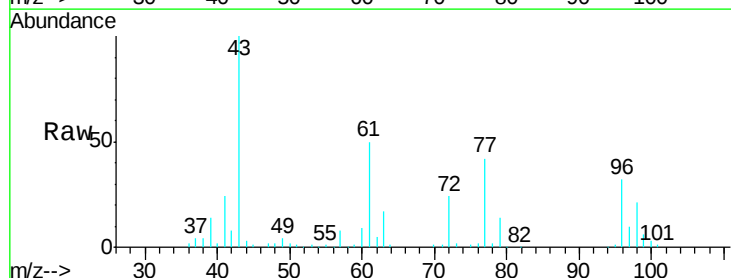
Acq: 19 Dec 2019 13:57

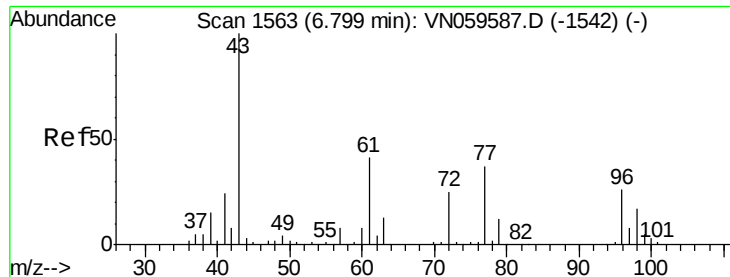
Tgt Ion: 77 Resp: 103744

Ion Ratio Lower Upper

77 100

97 23.0 10.7 31.9

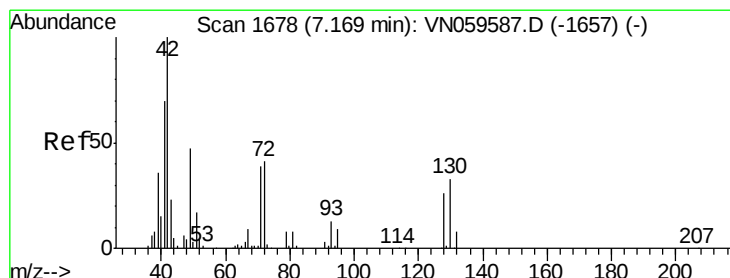
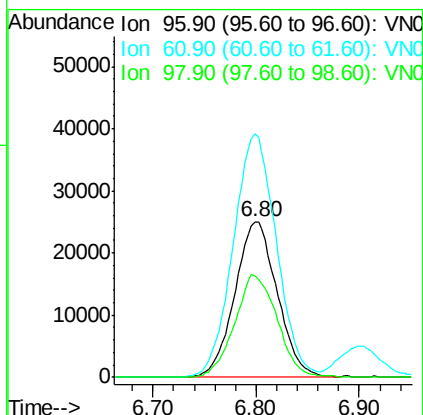
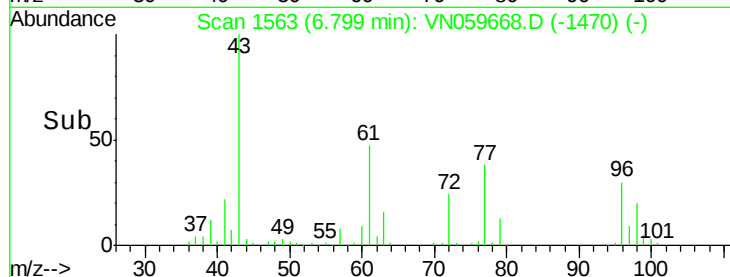
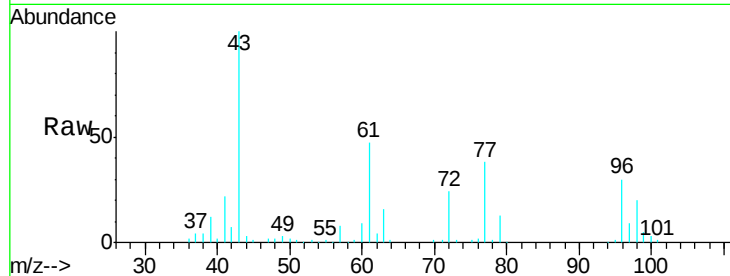




#27
 cis-1,2-Dichloroethene
 Concen: 19.245 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

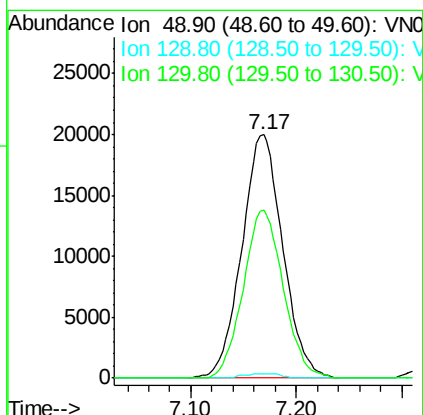
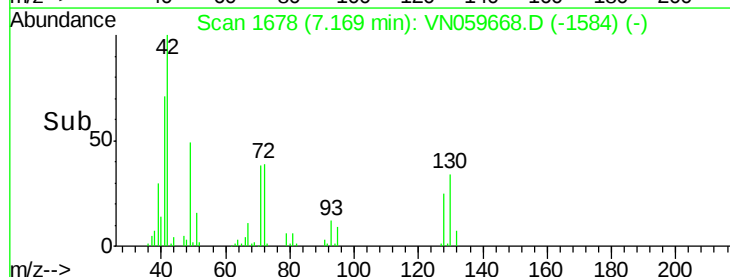
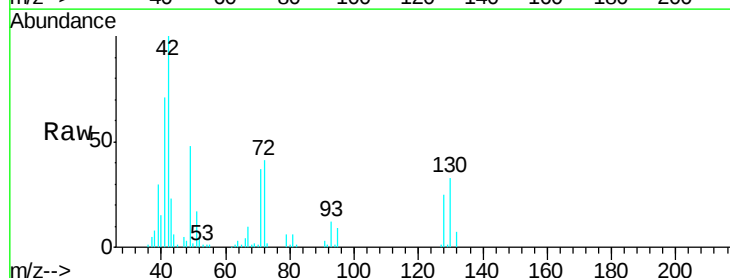
Instrument :
 MSVOA_N
 ClientSampled :
 VN1219WBSD01

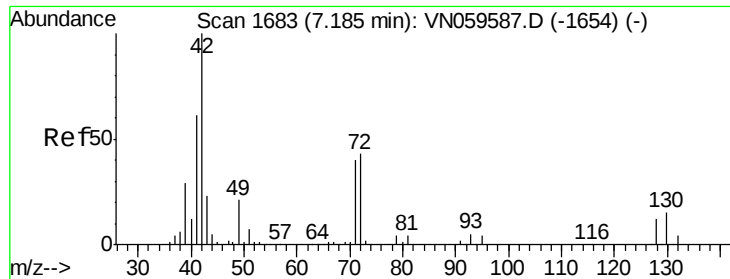
Tgt Ion: 96 Resp: 71589
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 317.6
 98 66.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.201 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 49 Resp: 54034
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 67.3 54.7 82.1

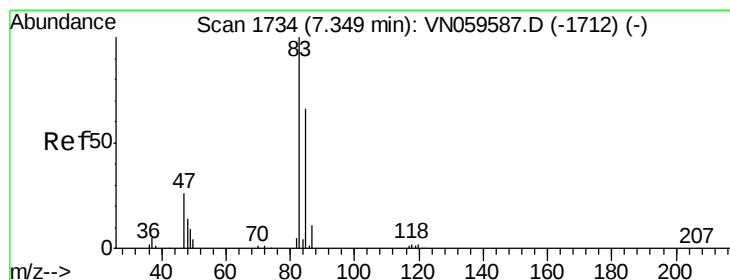
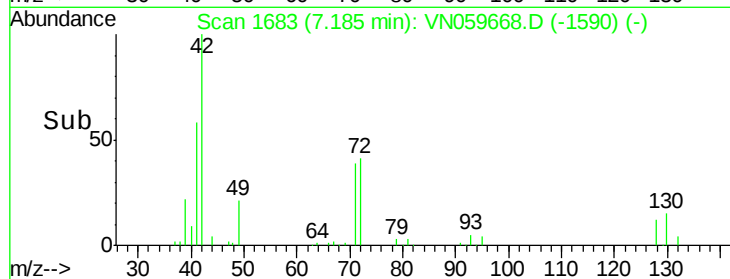
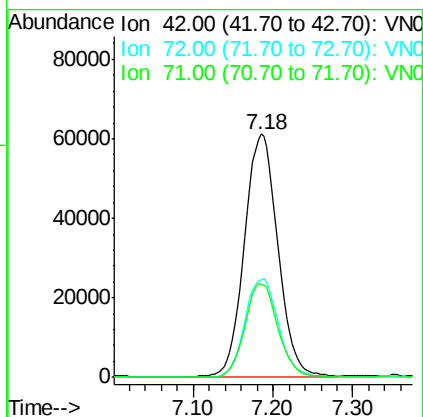
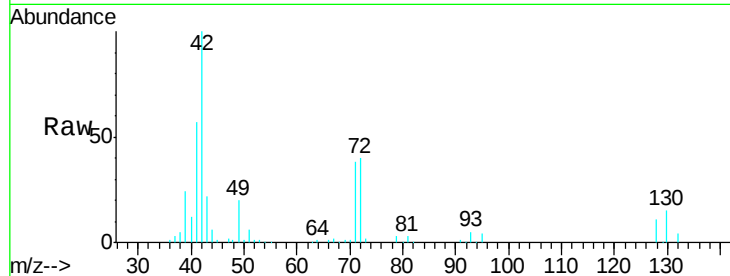




#29
Tetrahydrofuran
Concen: 96.516 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

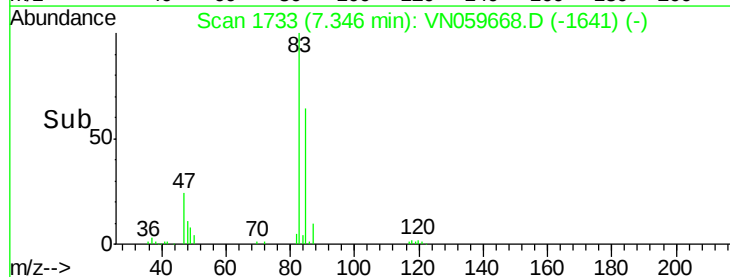
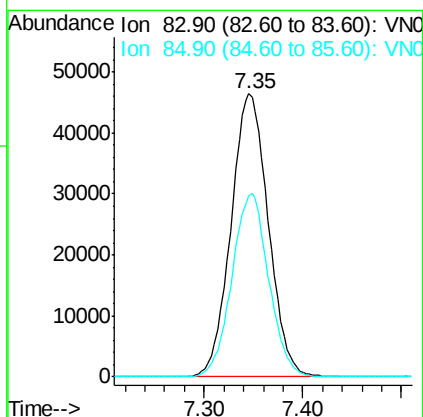
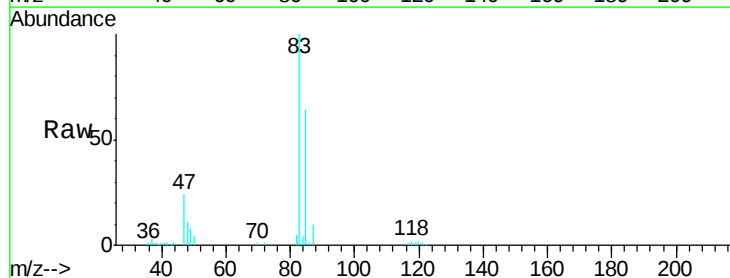
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

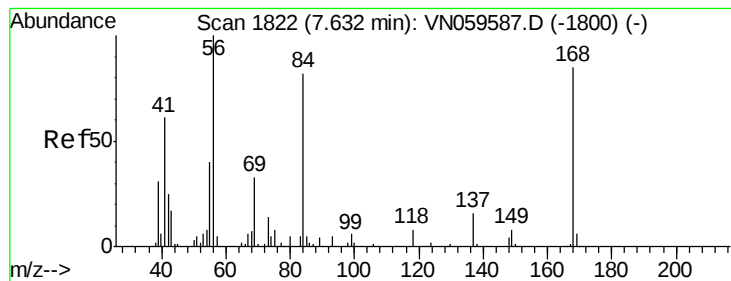
Tgt Ion: 42 Resp: 174423
Ion Ratio Lower Upper
42 100
72 40.5 33.1 49.7
71 37.8 31.4 47.0



#30
Chloroform
Concen: 19.154 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 83 Resp: 121716
Ion Ratio Lower Upper
83 100
85 63.7 52.4 78.6





#31

Cyclohexane

Concen: 19.015 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

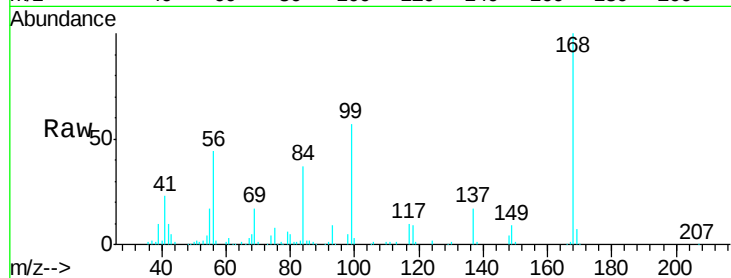
Tgt Ion: 56 Resp: 115996

Ion Ratio Lower Upper

56 100

69 37.6 26.5 39.7

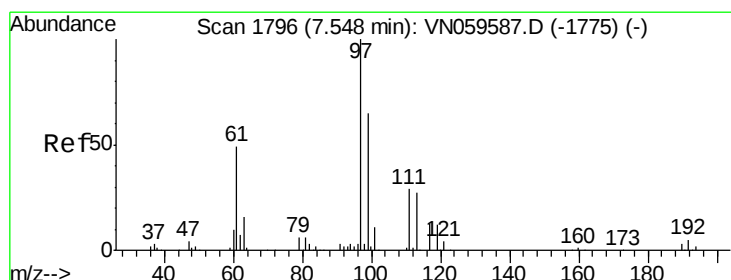
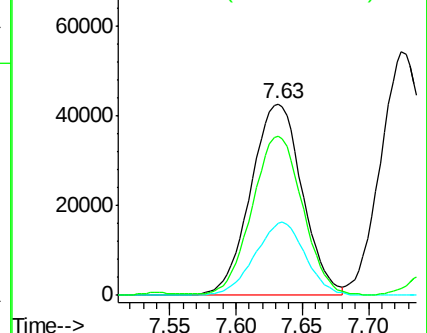
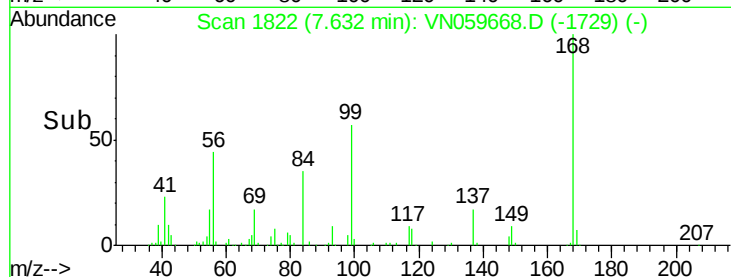
84 81.9 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.001 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

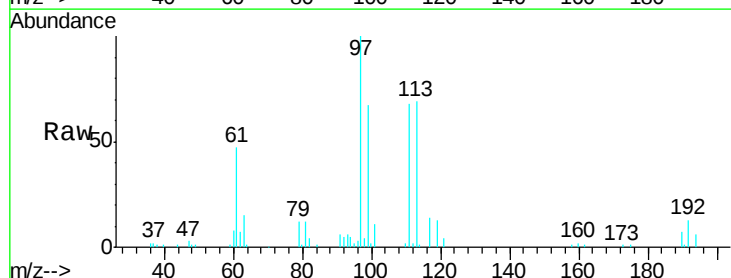
Tgt Ion: 97 Resp: 97400

Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

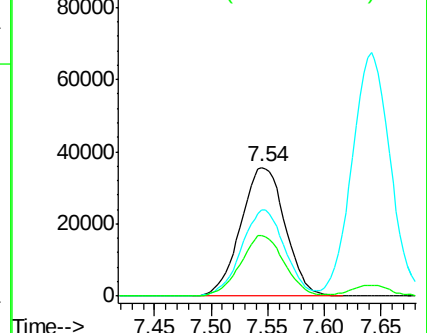
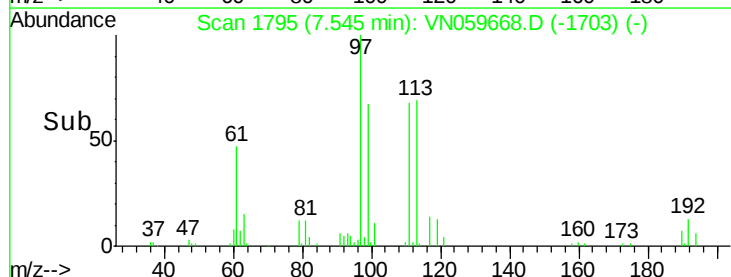
61 46.4 38.5 57.7

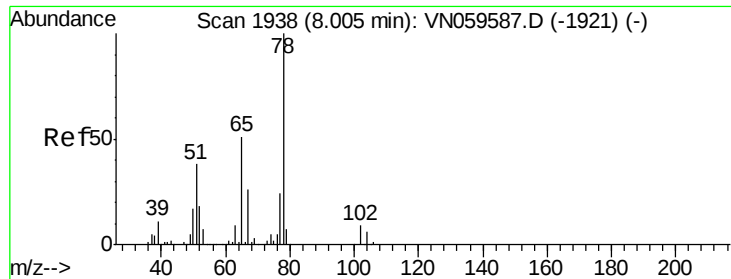


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

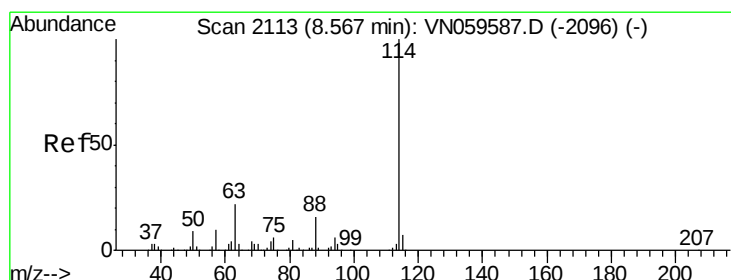
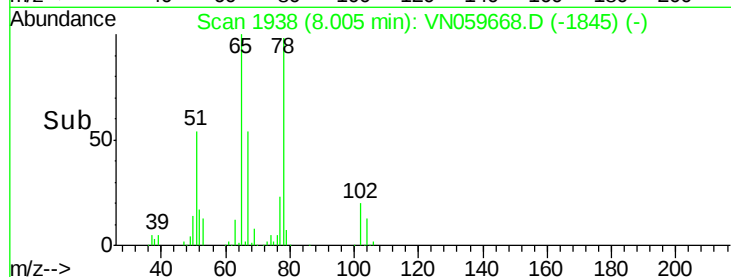
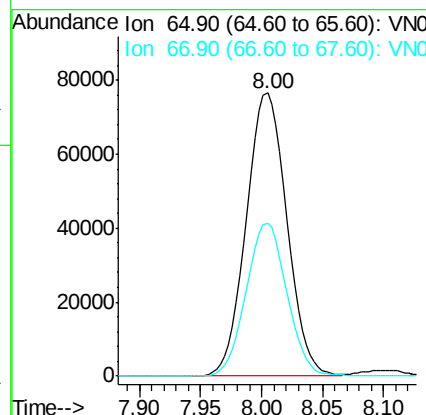
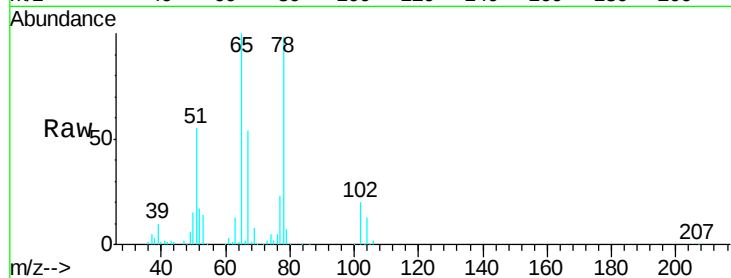




#33
 1,2-Dichloroethane-d4
 Concen: 42.237 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

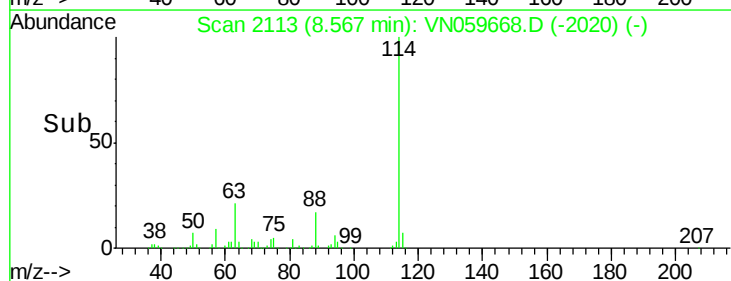
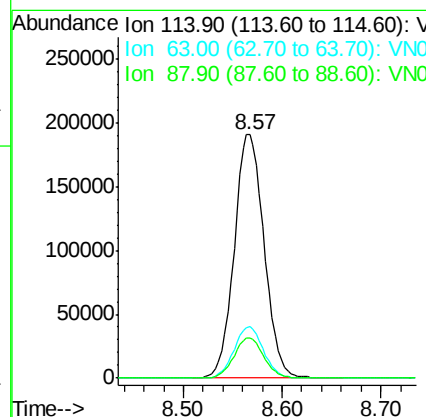
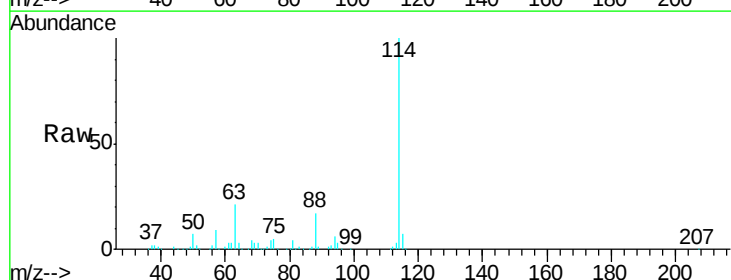
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

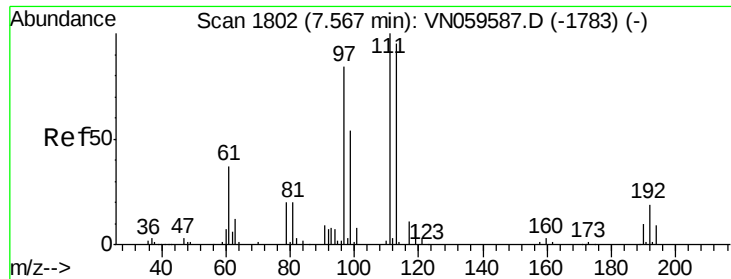
Tgt Ion: 65 Resp: 176459
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 114 Resp: 401787
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.6
 88 16.6 0.0 31.4

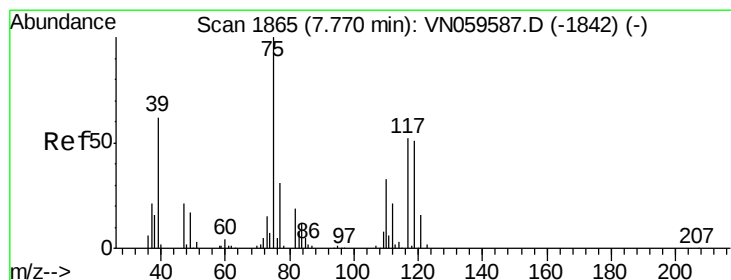
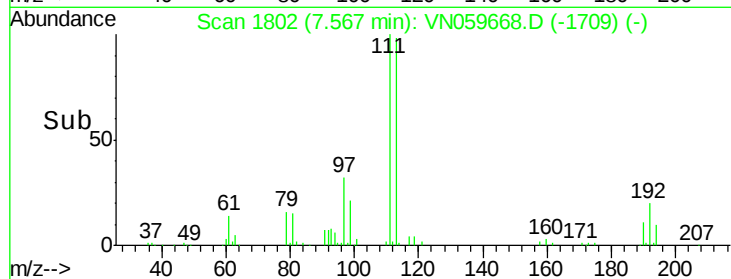
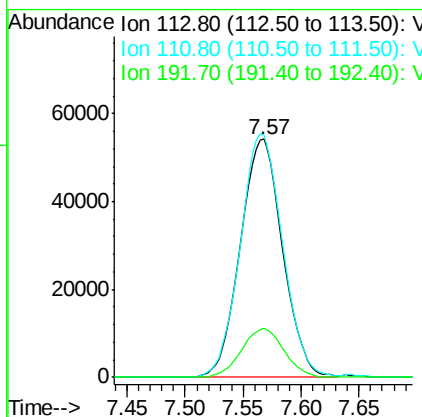
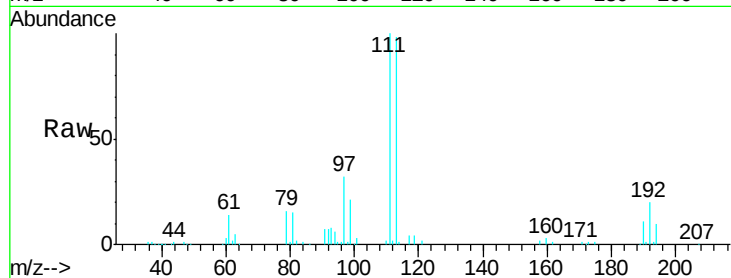




#35
 Dibromofluoromethane
 Concen: 54.614 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

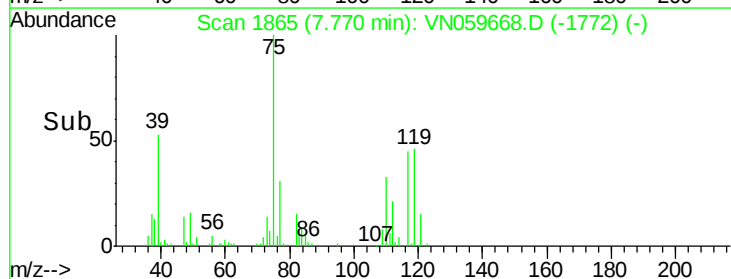
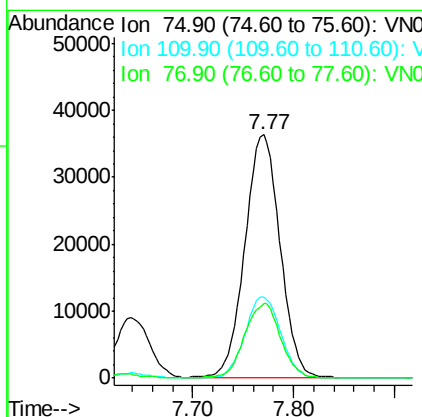
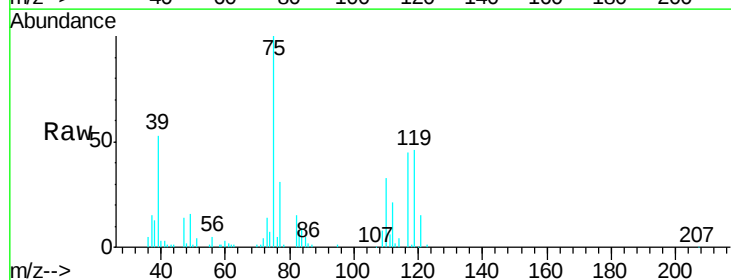
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

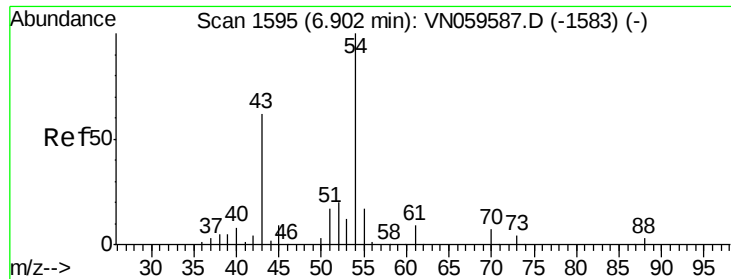
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.5	125.3
192	20.7	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 21.050 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.6	49.7
77	31.3	25.1	37.7

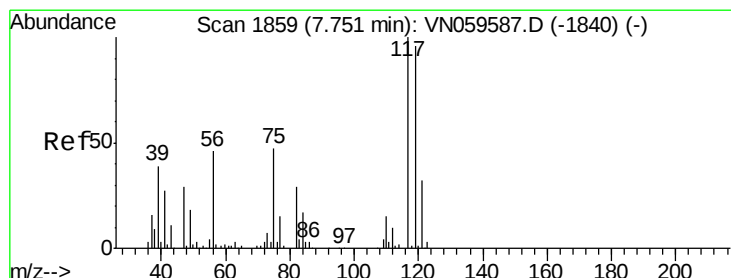
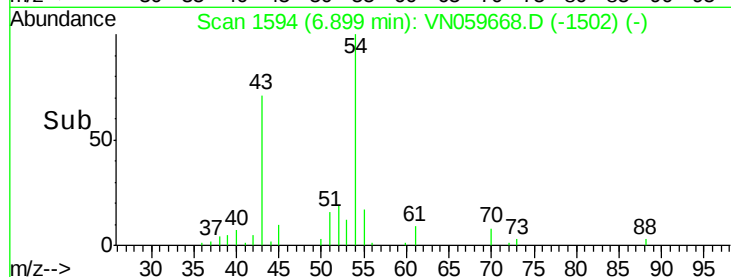
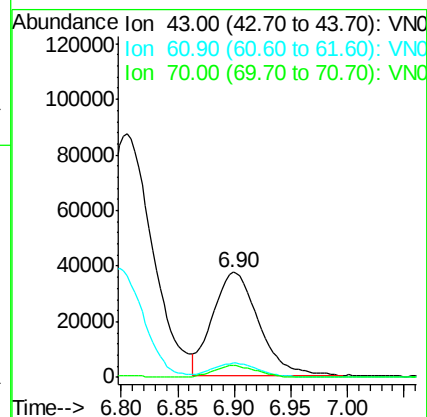
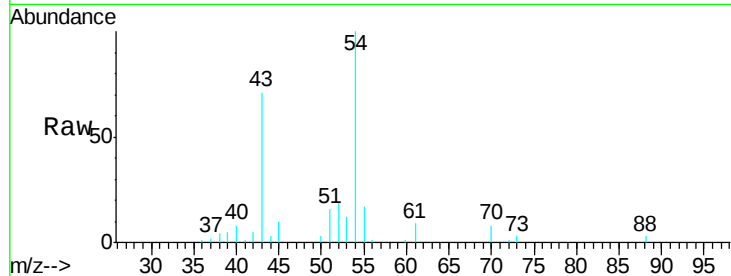




#37
Ethyl Acetate
 Concen: 21.693 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

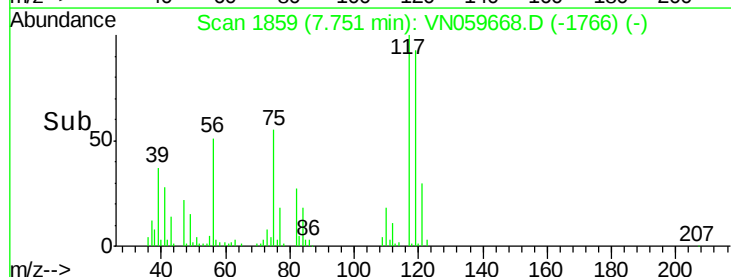
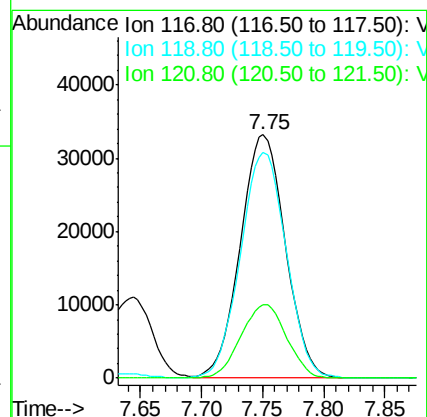
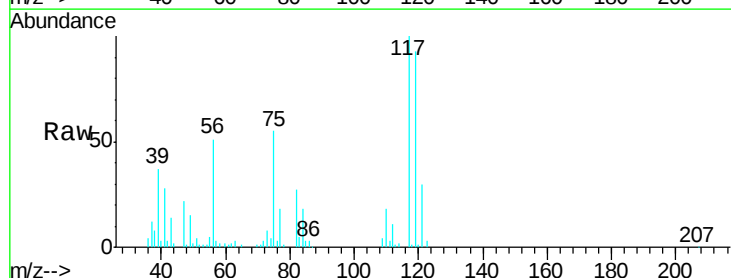
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

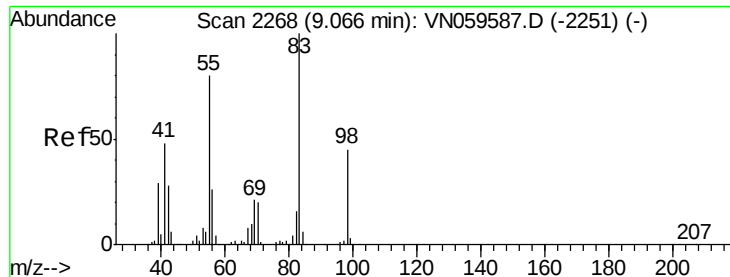
Tgt Ion: 43 Resp: 105645
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.9 16.3
 70 10.5 7.7 11.5



#38
Carbon Tetrachloride
 Concen: 19.539 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 117 Resp: 84954
 Ion Ratio Lower Upper
 117 100
 119 92.5 76.5 114.7
 121 30.1 25.1 37.7

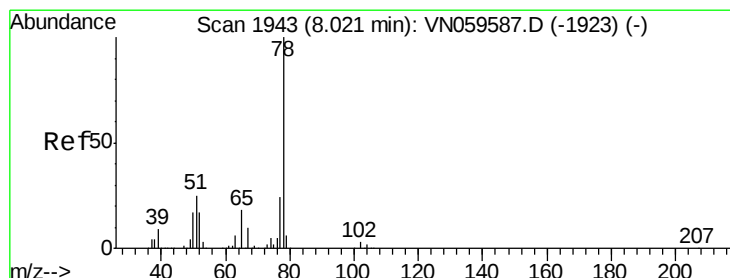
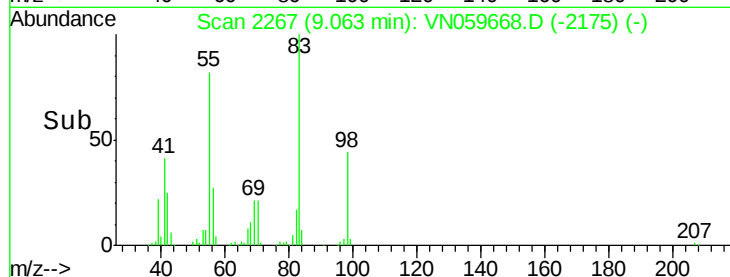
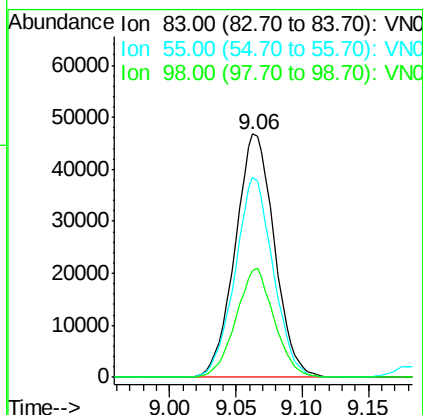
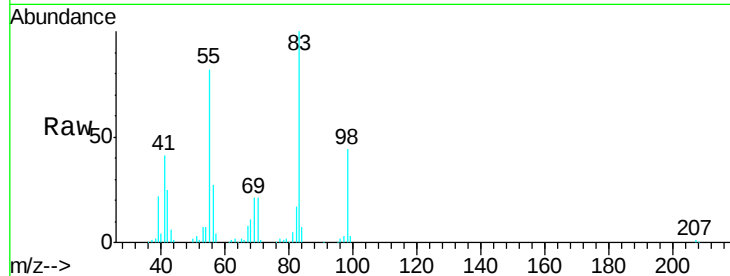




#39
Methylcyclohexane
Concen: 20.201 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

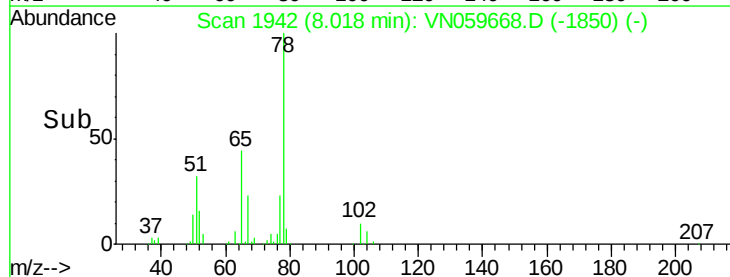
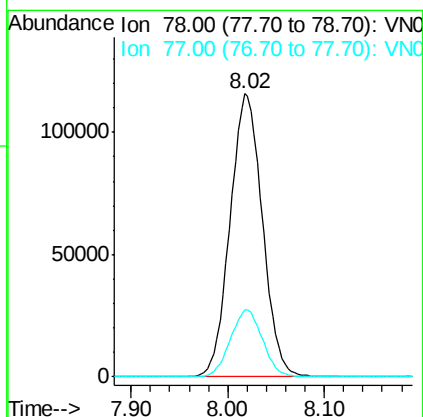
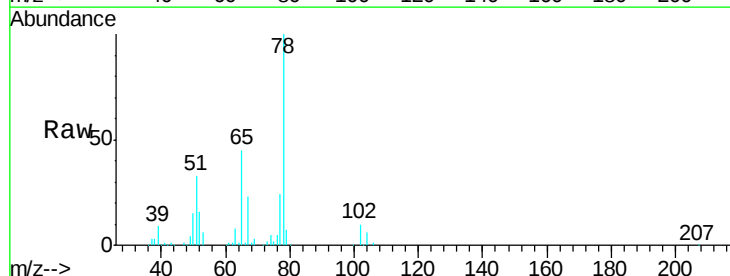
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

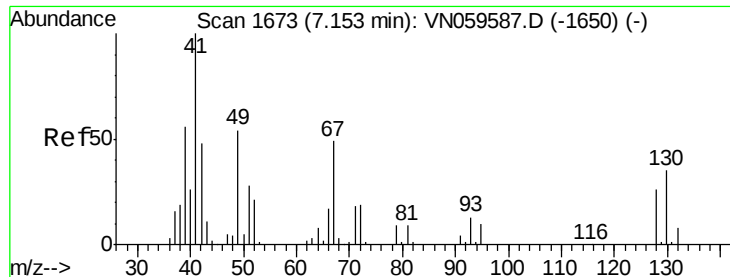
Tgt Ion: 83 Resp: 96009
Ion Ratio Lower Upper
83 100
55 82.3 64.2 96.2
98 44.0 35.9 53.9



#40
Benzene
Concen: 21.972 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 78 Resp: 269042
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

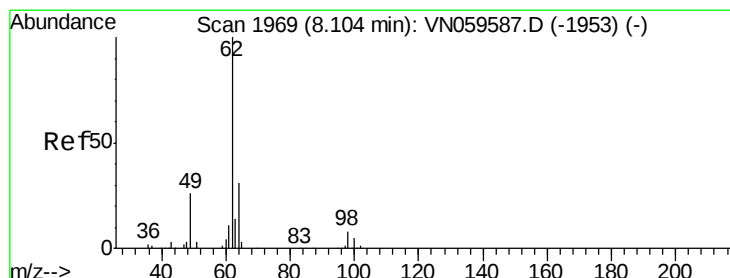
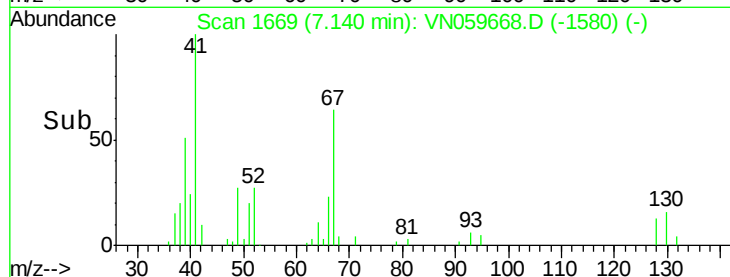
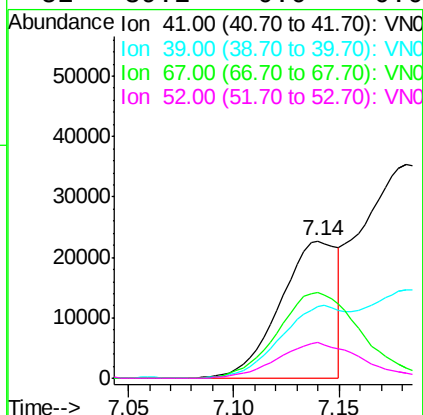
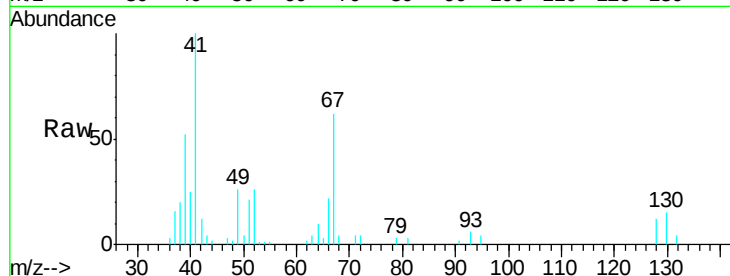




#41
Methacrylonitrile
Concen: 21.288 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

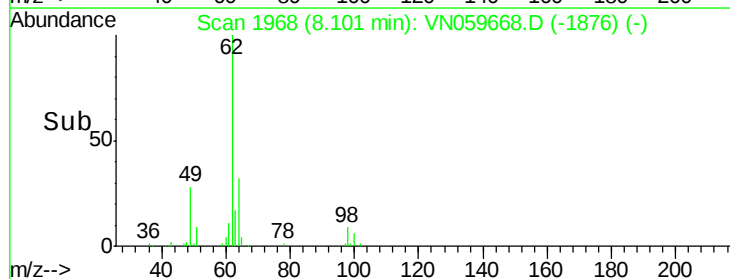
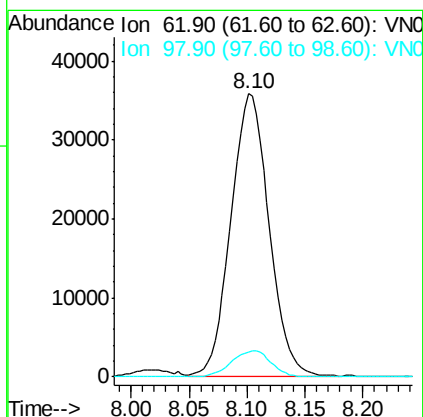
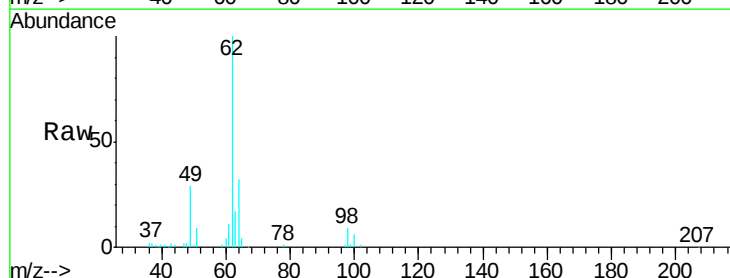
Instrument :
MSVOA_N
ClientSampled :
VN1219WBSD01

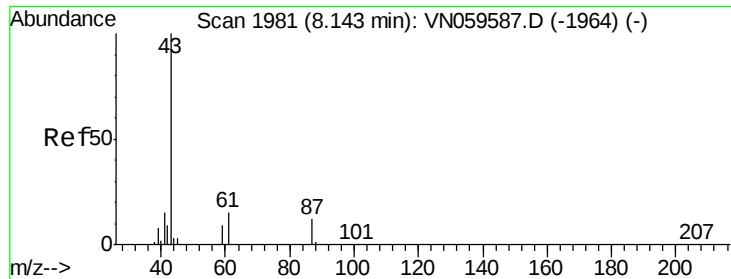
Tgt Ion:	41	Resp:	42786
Ion	Ratio	Lower	Upper
41	100		
39	57.8	0.0	0.0#
67	92.8	0.0	0.0#
52	39.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 17.532 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion:	62	Resp:	82216
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8

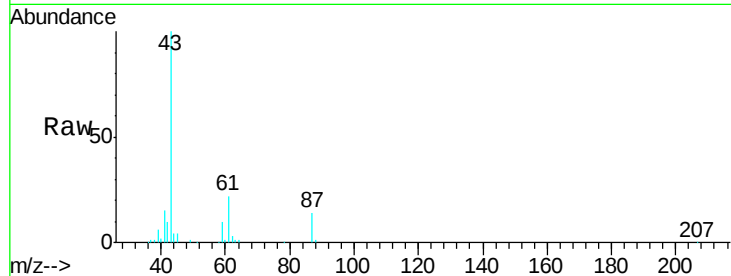




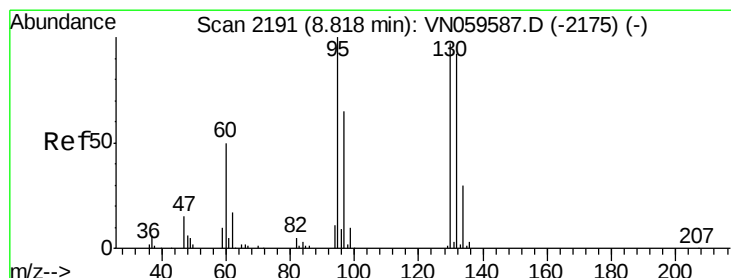
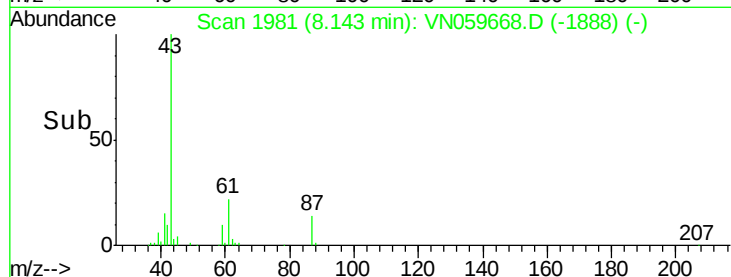
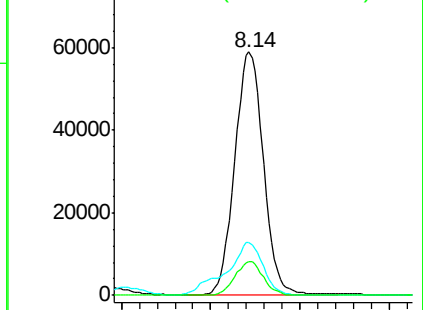
#43
Isopropyl Acetate
Concen: 17.526 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 43 Resp: 132696
Ion Ratio Lower Upper
43 100
61 28.0 20.2 30.2
87 13.5 9.5 14.3

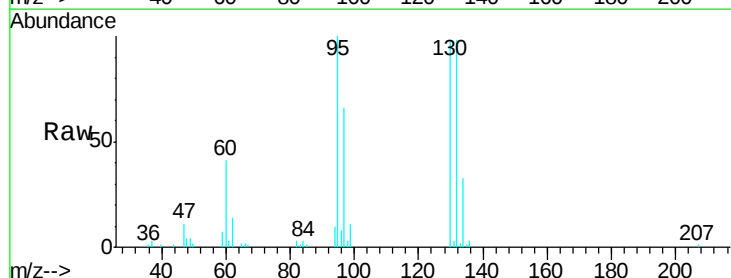


Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)
Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)
Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)

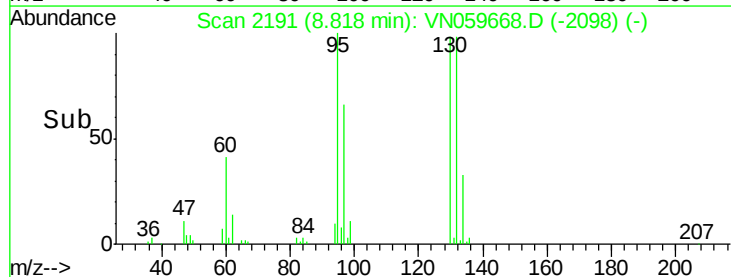
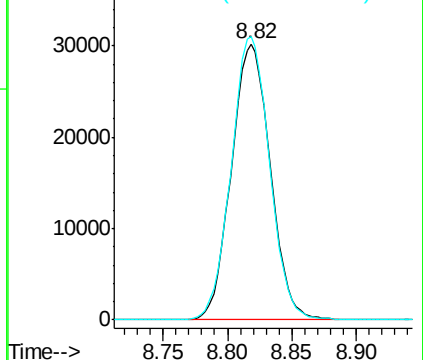


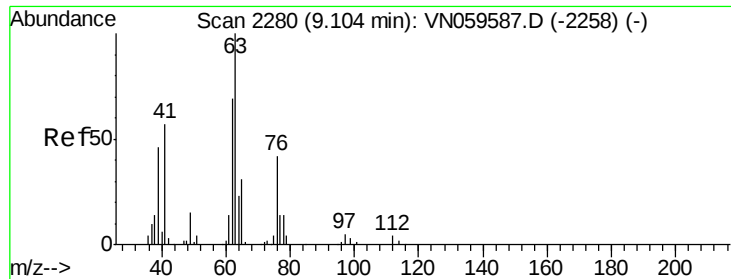
#44
Trichloroethene
Concen: 19.725 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 130 Resp: 63266
Ion Ratio Lower Upper
130 100
95 102.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059587.D (-2175) (-)
Ion 94.90 (94.60 to 95.60): VN059587.D (-2175) (-)

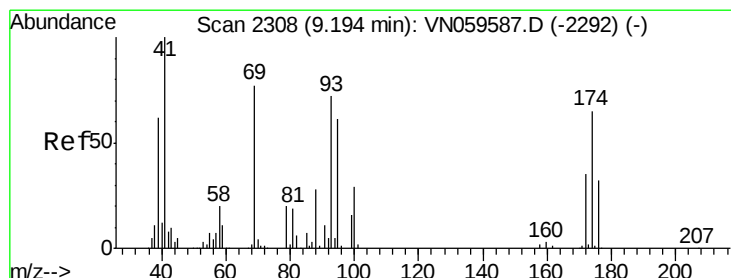
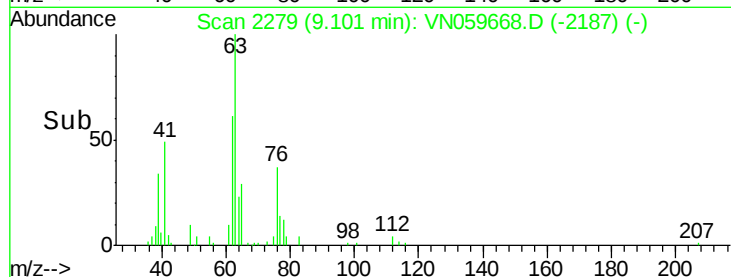
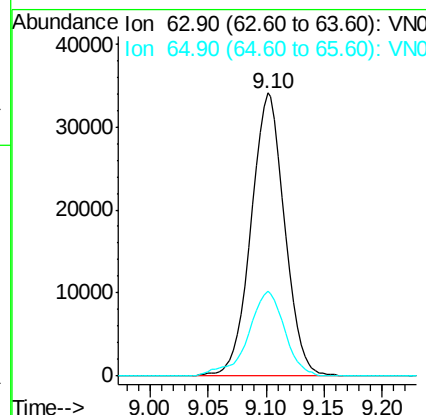
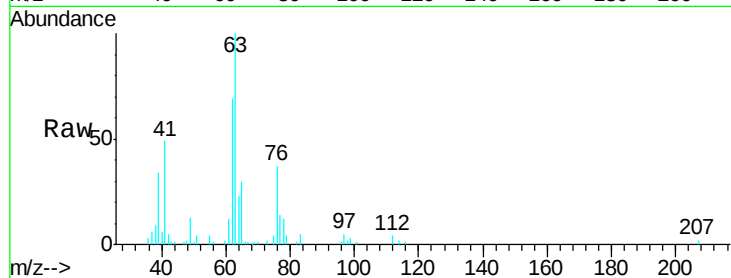




#45
 1,2-Dichloropropane
 Concen: 20.819 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

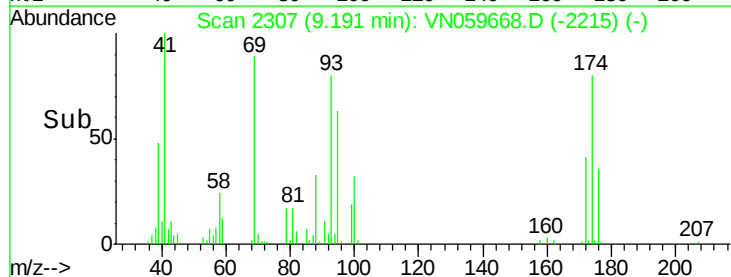
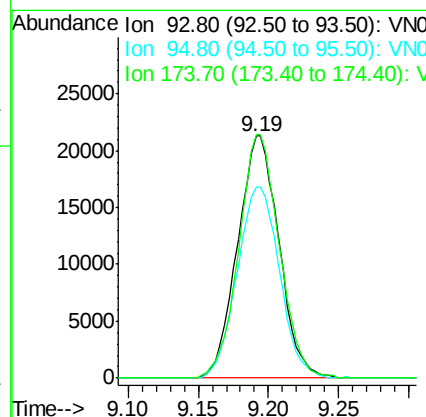
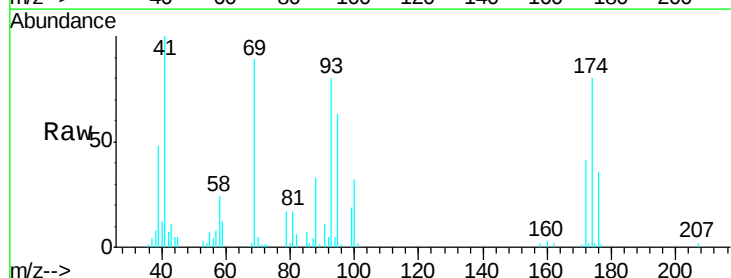
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

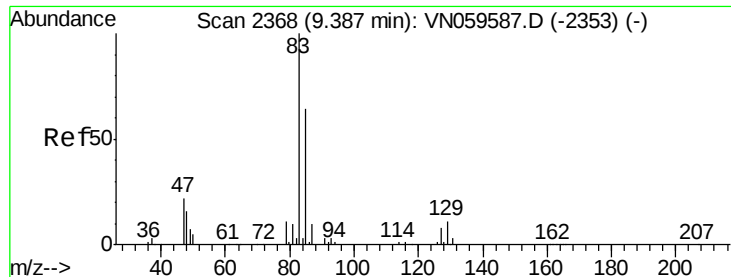
Tgt Ion: 63 Resp: 68839
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3



#46
 Dibromomethane
 Concen: 20.168 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 93 Resp: 43691
 Ion Ratio Lower Upper
 93 100
 95 80.7 67.0 100.6
 174 98.5 73.4 110.2





#47

Bromodichloromethane

Concen: 21.422 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

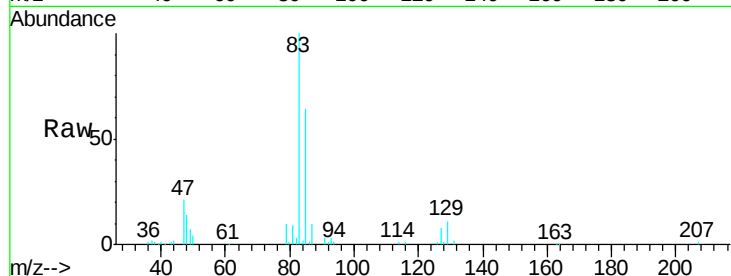
Tgt Ion: 83 Resp: 92522

Ion Ratio Lower Upper

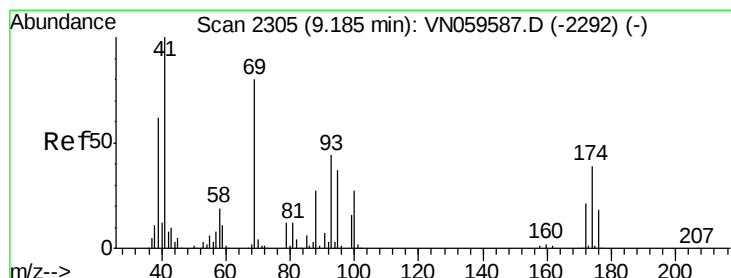
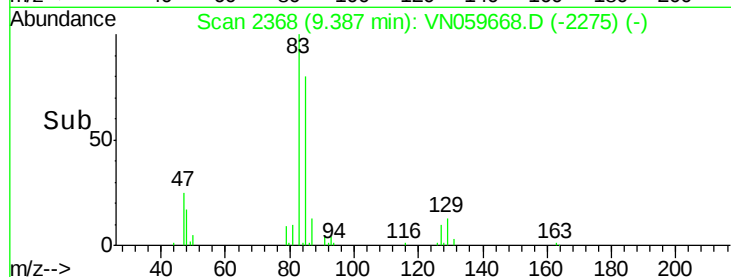
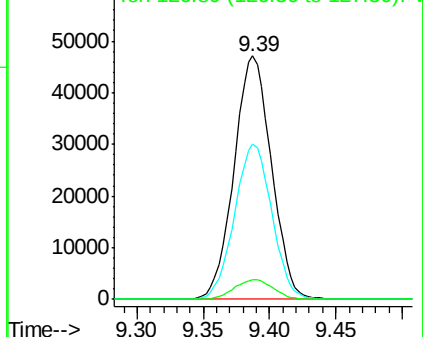
83 100

85 63.9 51.1 76.7

127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.560 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

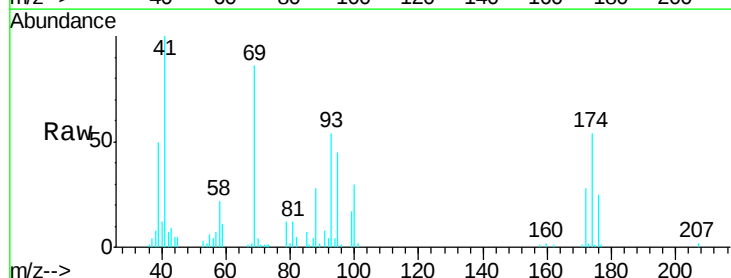
Tgt Ion: 41 Resp: 60321

Ion Ratio Lower Upper

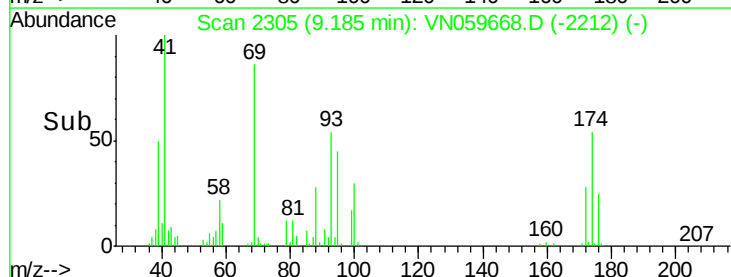
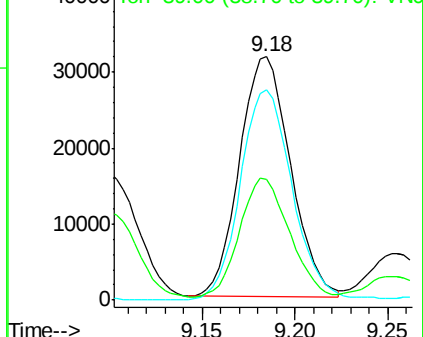
41 100

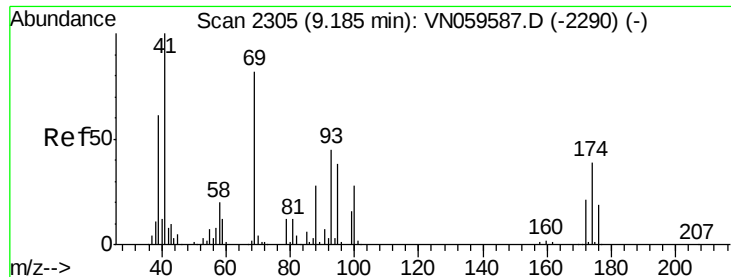
69 89.9 64.4 96.6

39 48.4 51.3 76.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

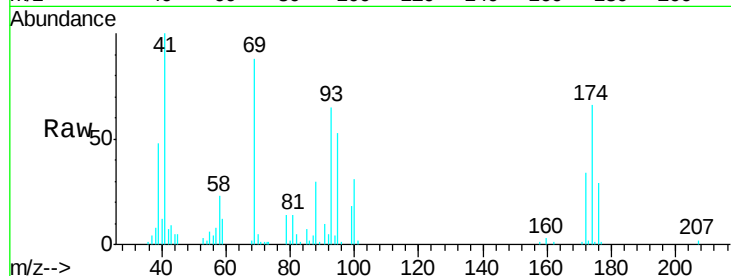




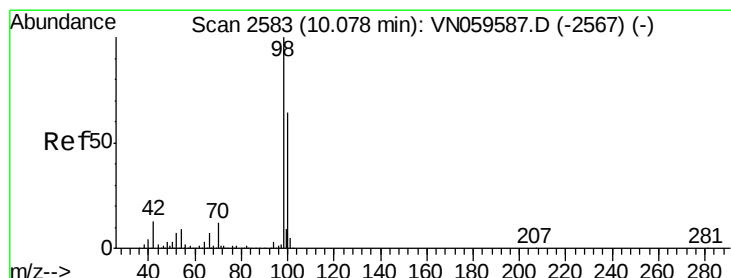
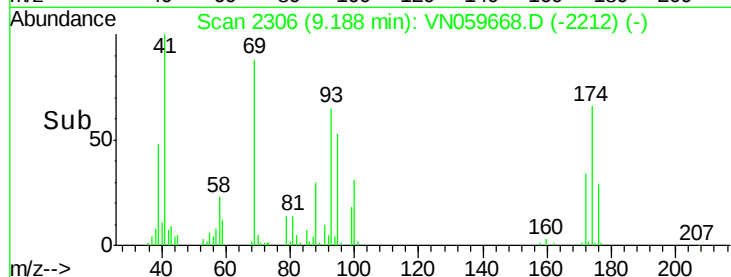
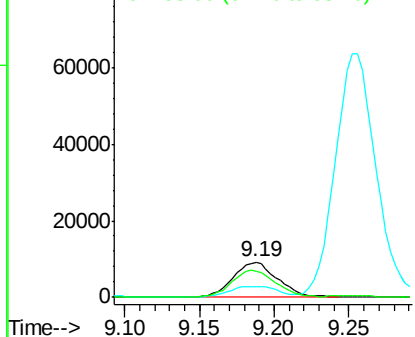
#49
1,4-Dioxane
Concen: 386.508 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 88 Resp: 19027
Ion Ratio Lower Upper
88 100
43 34.2 29.7 44.5
58 76.9 56.6 85.0

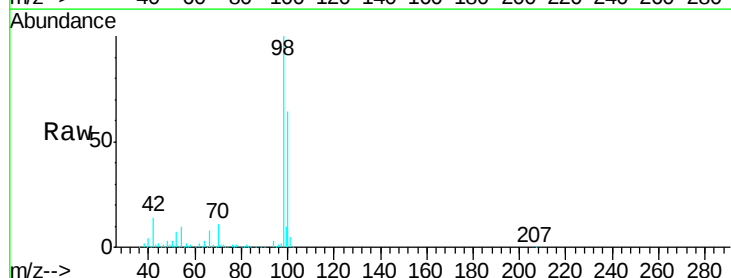


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

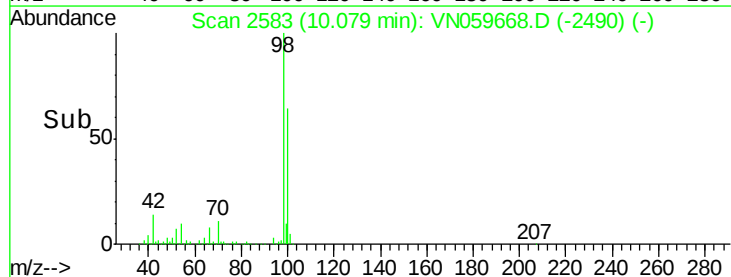
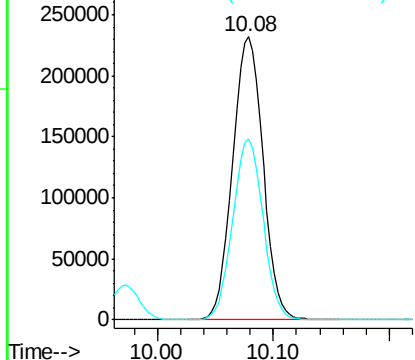


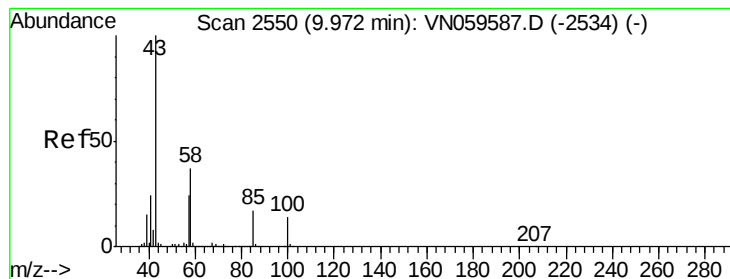
#50
Toluene-d8
Concen: 42.274 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 98 Resp: 420754
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



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: 84.844 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

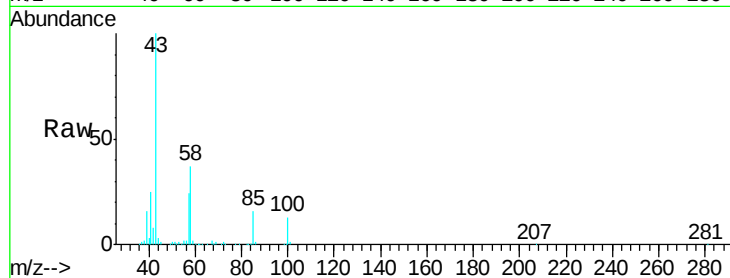
VN1219WBSD01

Tgt Ion: 43 Resp: 383009

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-2534) (-)

9.97

250000

200000

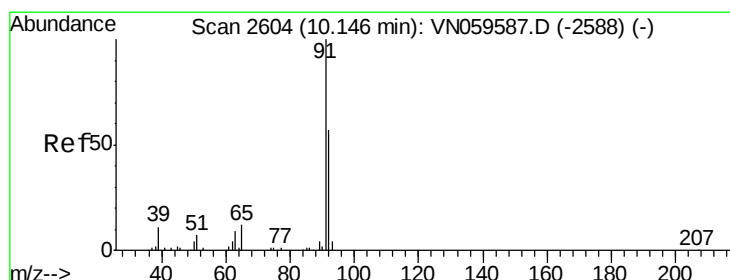
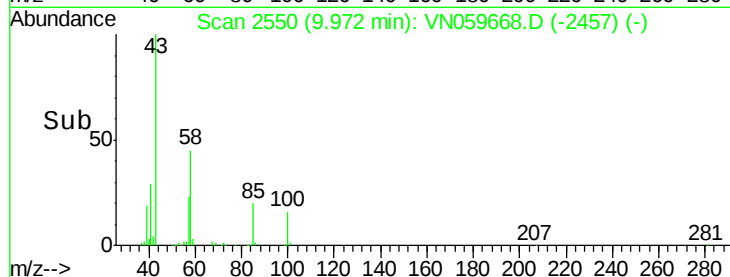
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.342 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059668.D

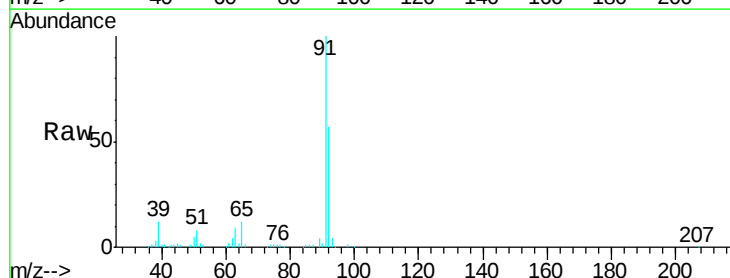
Acq: 19 Dec 2019 13:57

Tgt Ion: 92 Resp: 122956

Ion Ratio Lower Upper

92 100

91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059587.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-2588) (-)

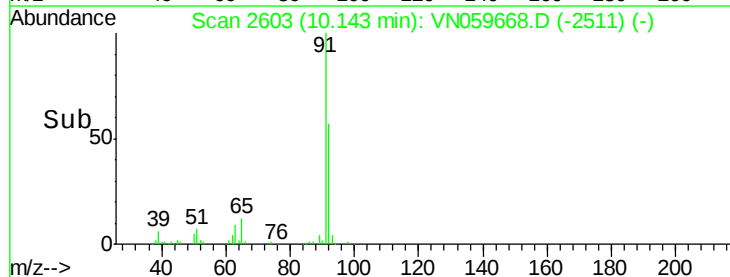
10.14

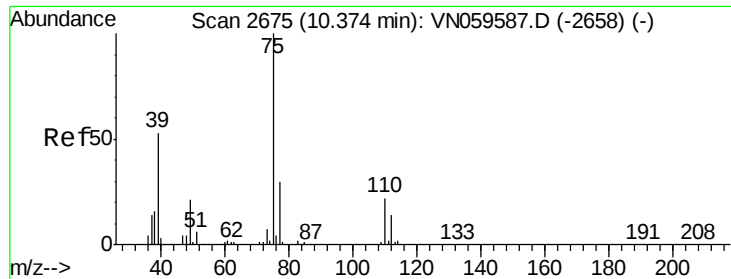
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.583 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

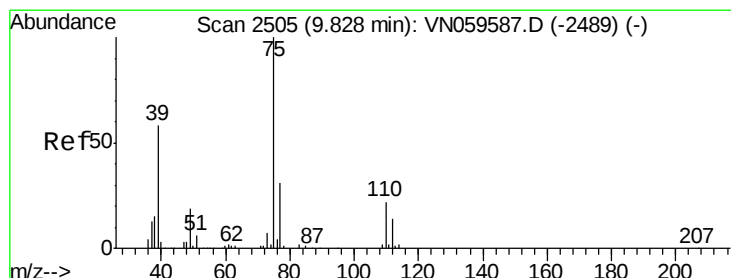
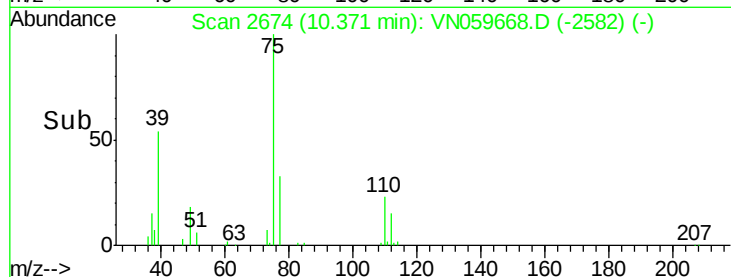
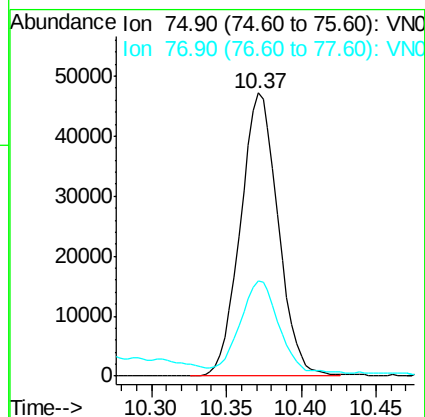
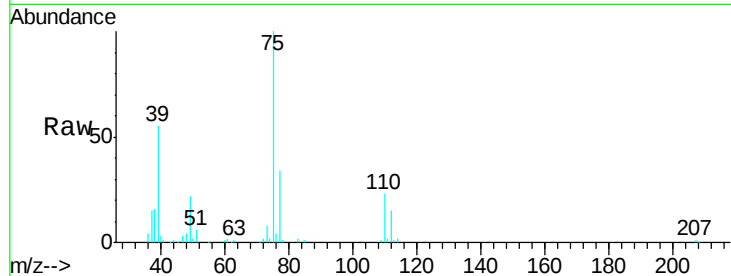
VN1219WBSD01

Tgt Ion: 75 Resp: 82834

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.793 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

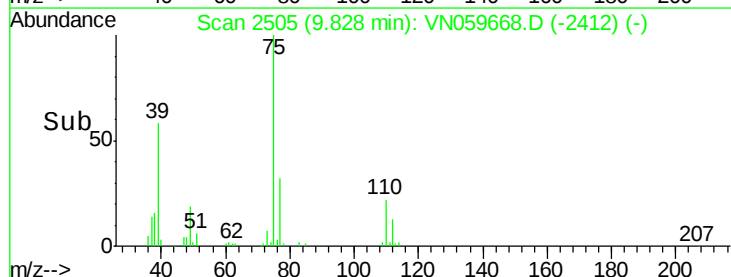
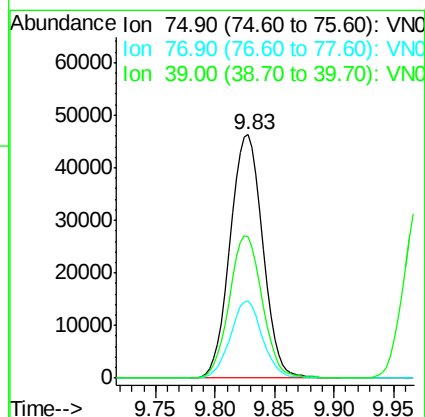
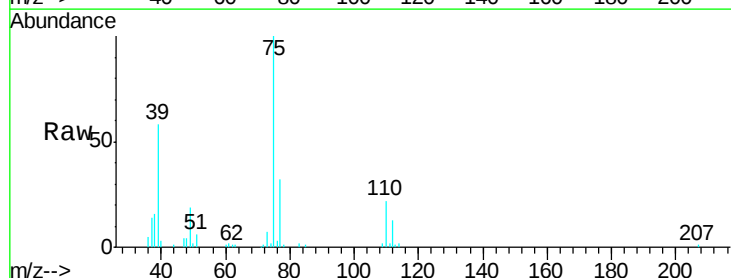
Tgt Ion: 75 Resp: 88175

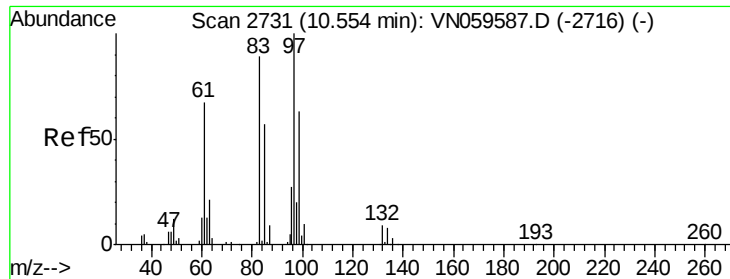
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 58.1 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 17.343 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 97 Resp: 51201

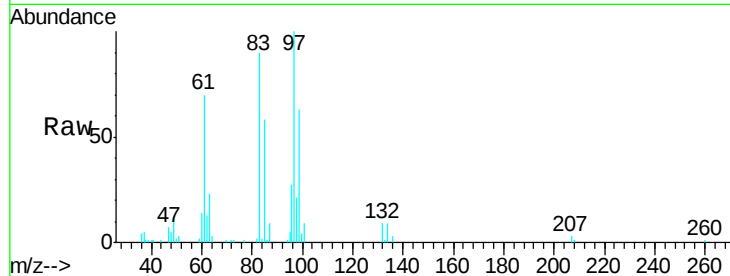
Ion Ratio Lower Upper

97 100

83 89.7 71.3 106.9

85 57.5 45.8 68.8

99 62.5 50.0 75.0

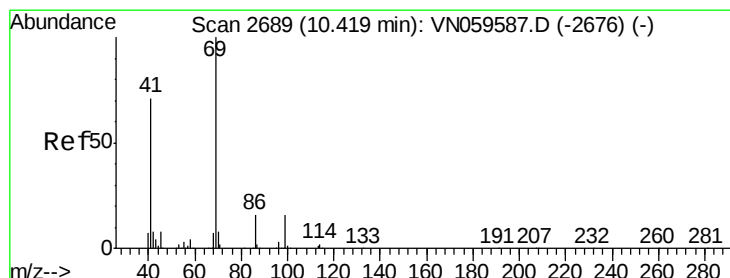
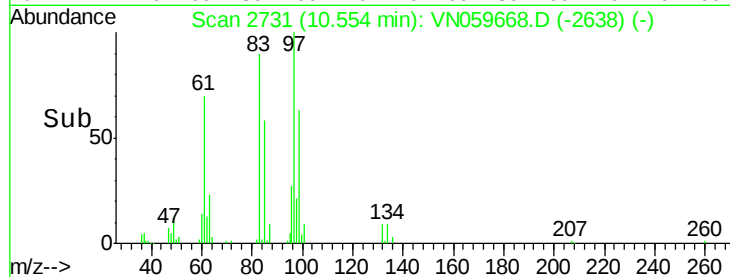
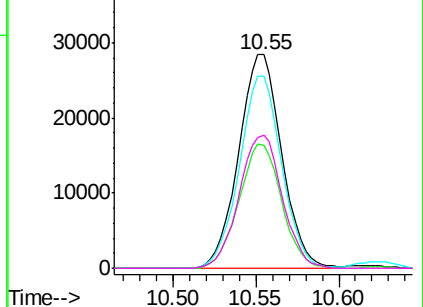


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.412 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

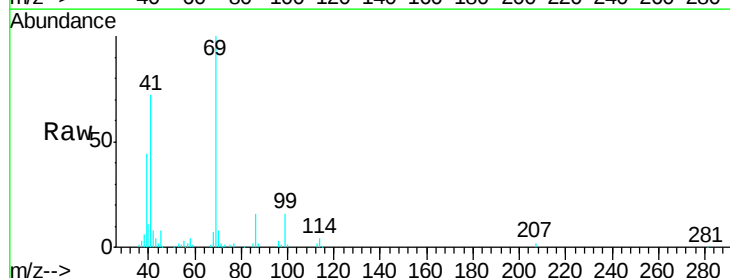
Tgt Ion: 69 Resp: 71930

Ion Ratio Lower Upper

69 100

41 72.1 57.1 85.7

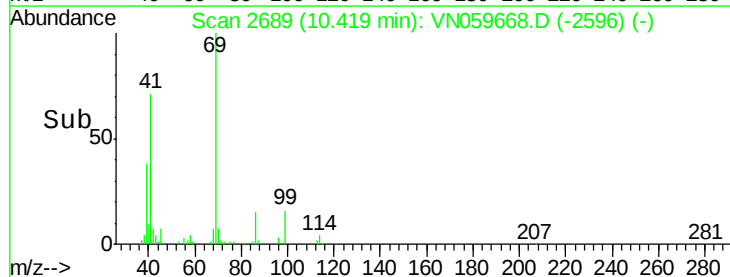
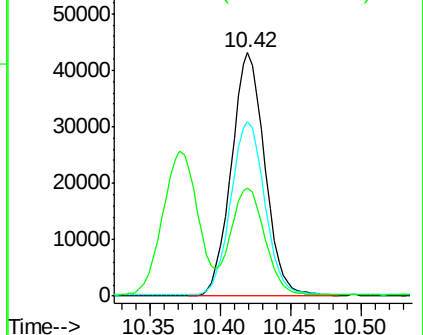
39 45.1 34.7 52.1

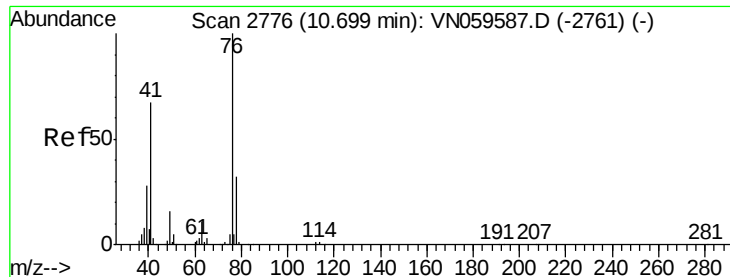


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 17.244 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

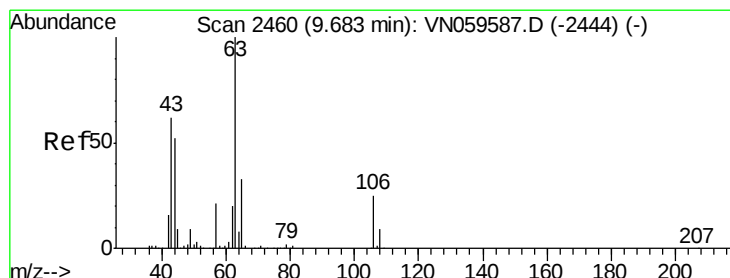
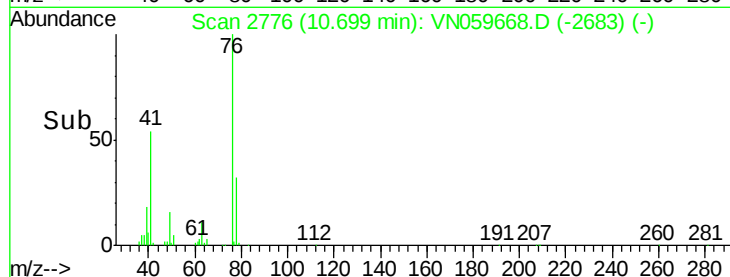
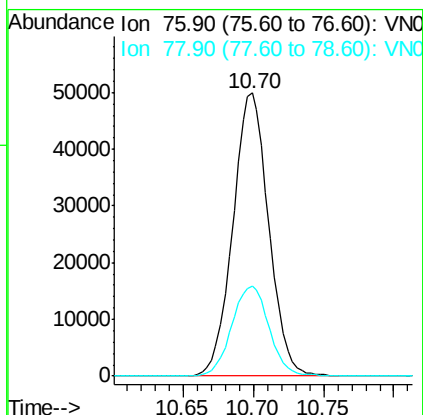
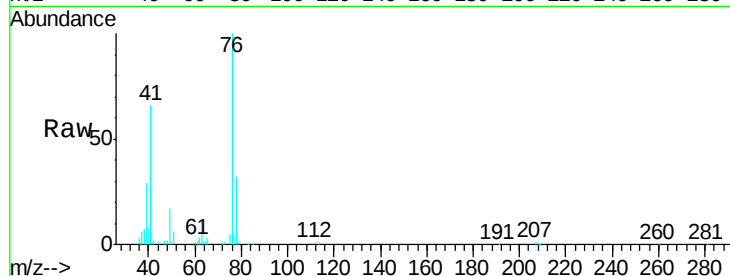
VN1219WBSD01

Tgt Ion: 76 Resp: 88644

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.018 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059668.D

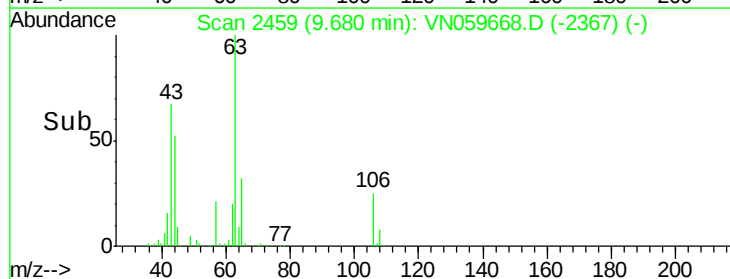
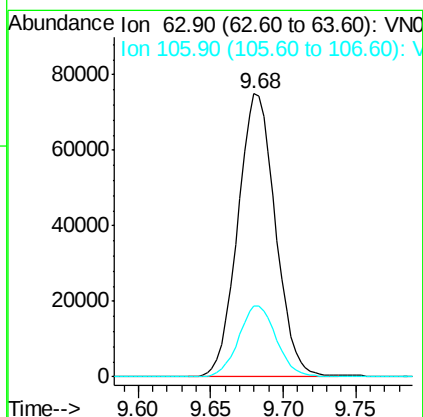
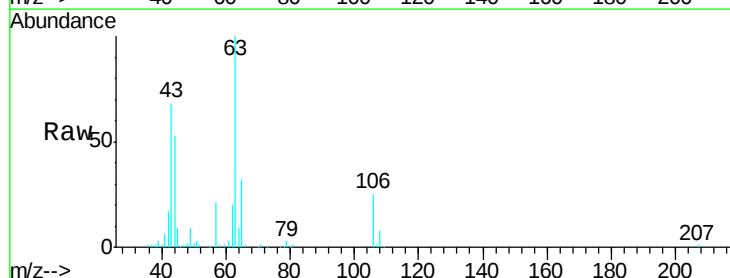
Acq: 19 Dec 2019 13:57

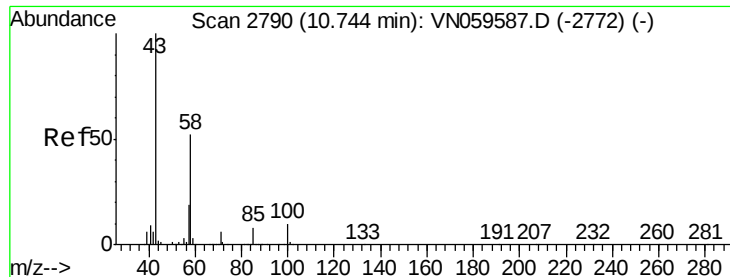
Tgt Ion: 63 Resp: 135236

Ion Ratio Lower Upper

63 100

106 25.1 20.2 30.2

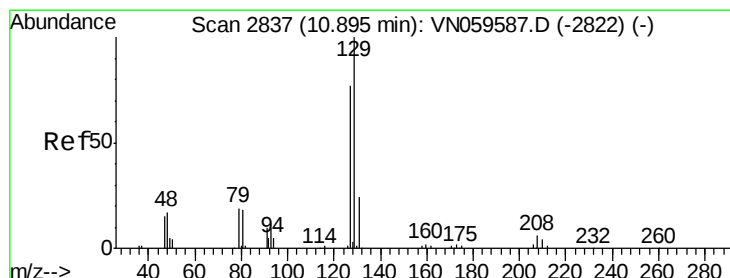
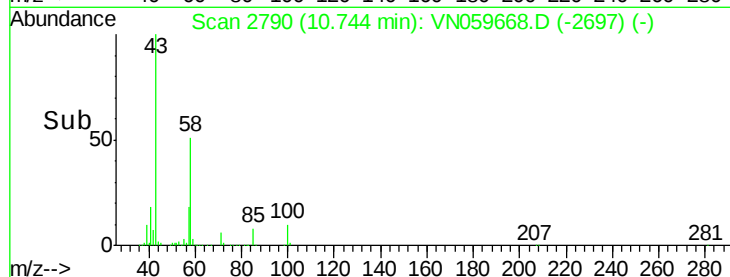
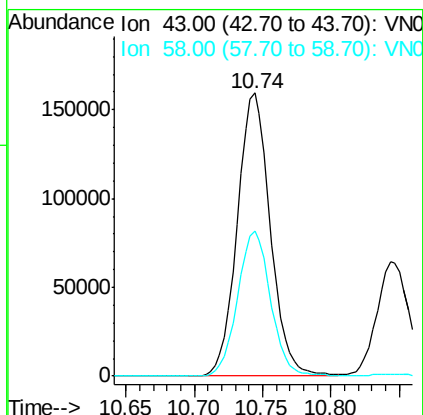
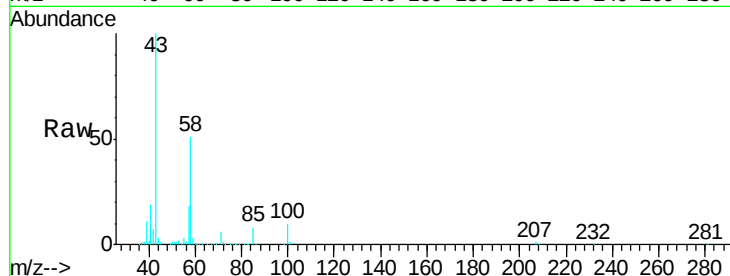




#59
2-Hexanone
Concen: 75.353 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

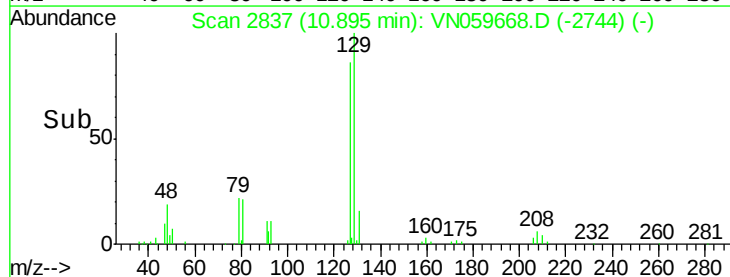
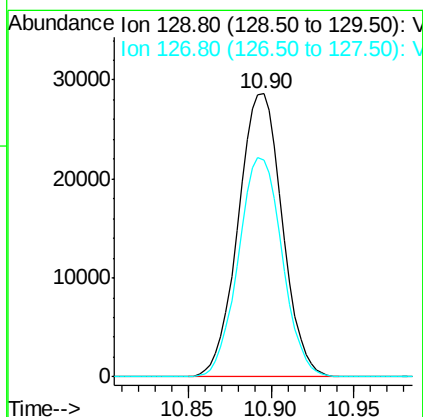
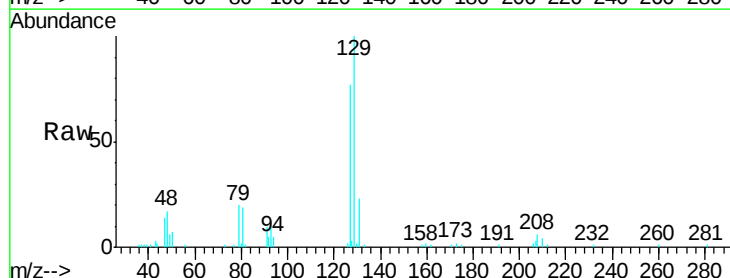
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

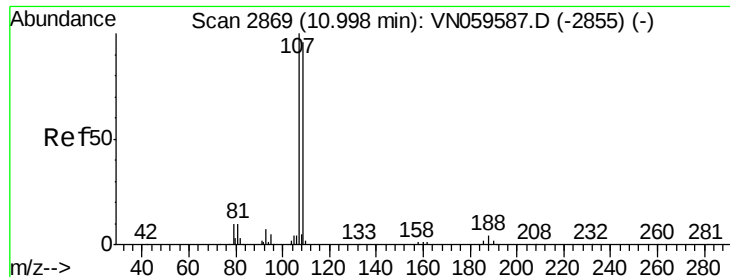
Tgt Ion: 43 Resp: 268095
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.3



#60
Dibromochloromethane
Concen: 16.481 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion: 129 Resp: 53106
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

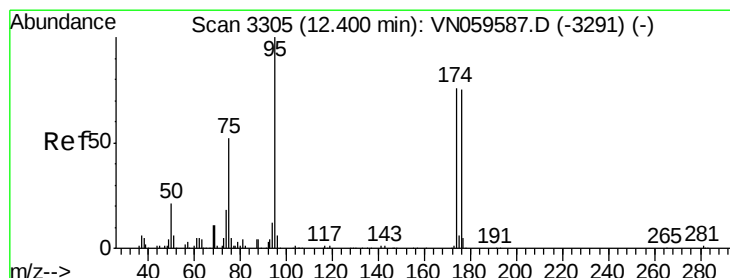
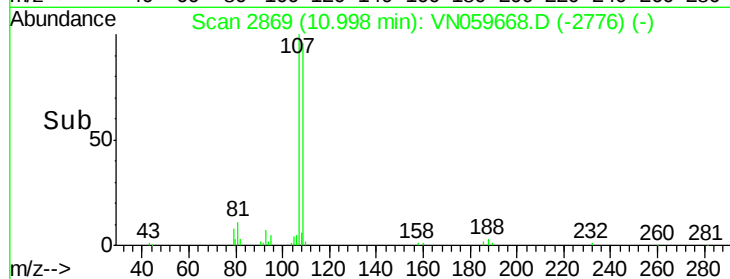
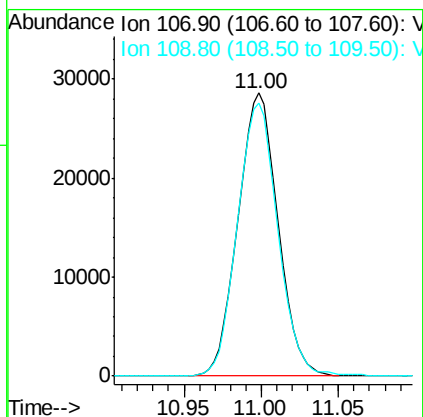
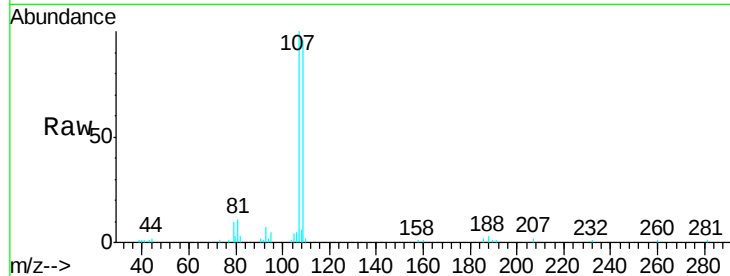




#61
 1,2-Dibromoethane
 Concen: 16.434 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

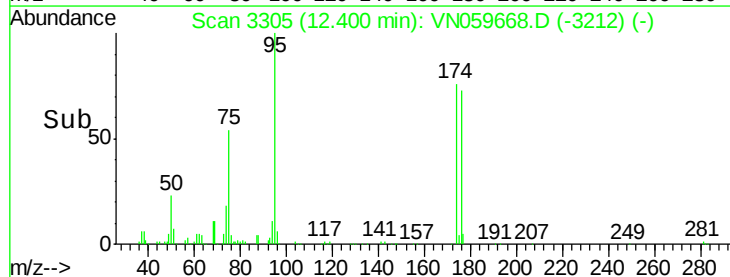
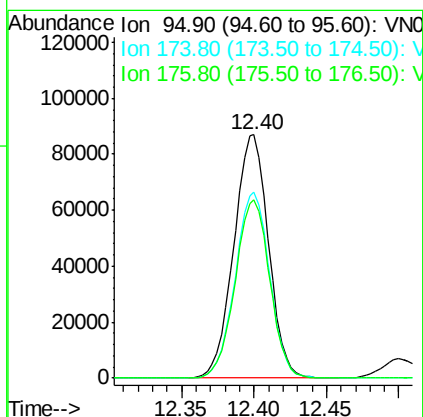
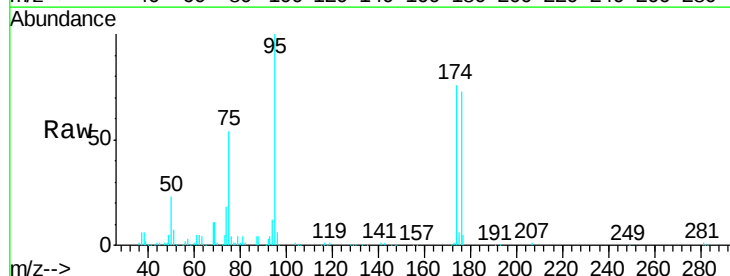
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

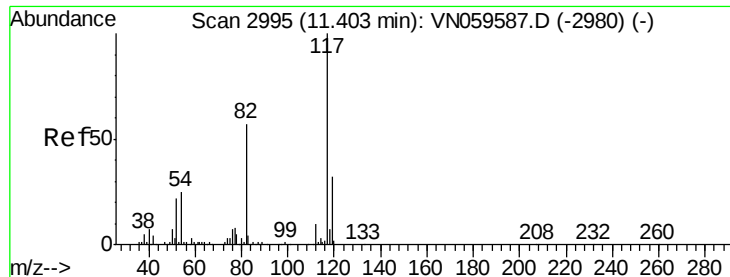
Tgt Ion: 107 Resp: 51455
 Ion Ratio Lower Upper
 107 100
 109 97.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 39.764 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 95 Resp: 144415
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.4
 176 73.1 0.0 146.0

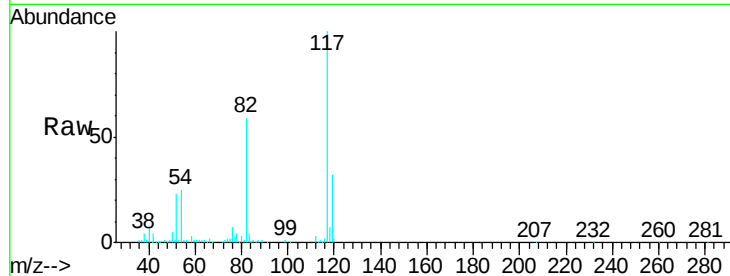




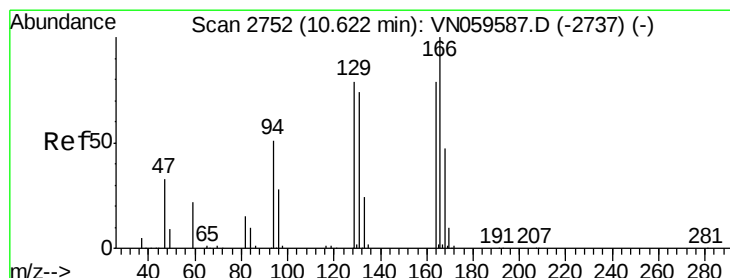
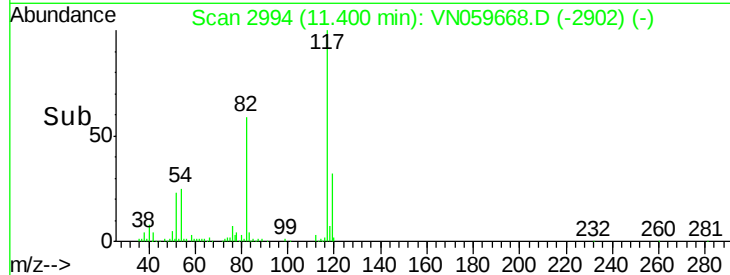
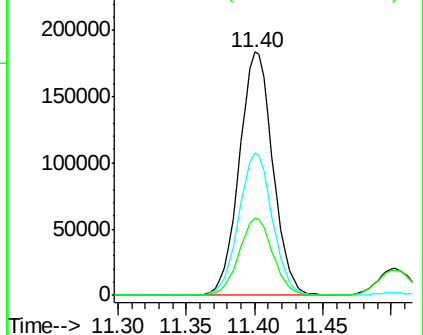
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:117 Resp: 313269
Ion Ratio Lower Upper
117 100
82 58.8 45.9 68.9
119 31.8 25.5 38.3

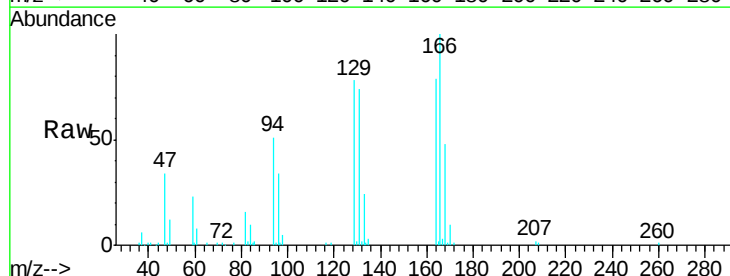


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

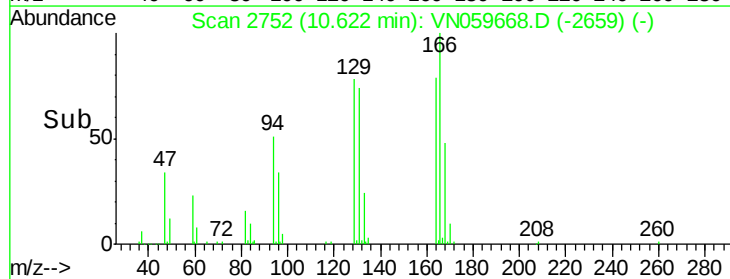
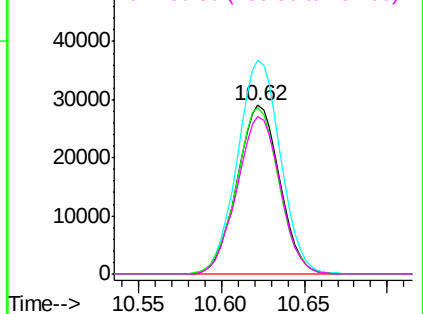


#64
Tetrachloroethene
Concen: 17.788 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion:164 Resp: 51947
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 98.5 80.2 120.4
131 93.8 75.0 112.4



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: 19.097 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

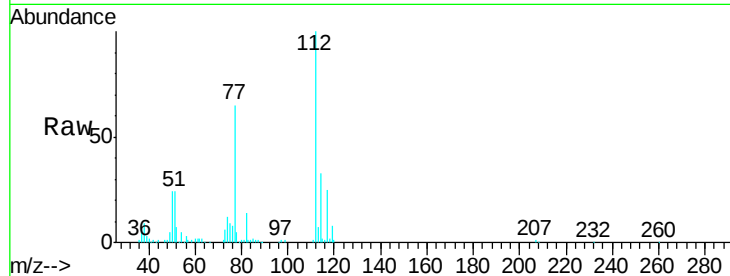
VN1219WBSD01

Tgt Ion:112 Resp: 129447

Ion Ratio Lower Upper

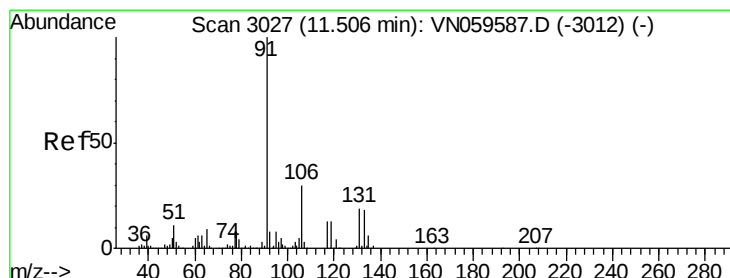
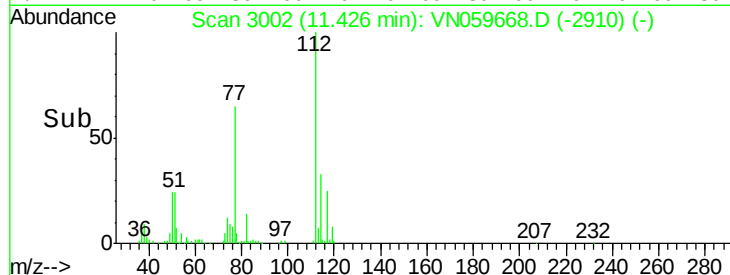
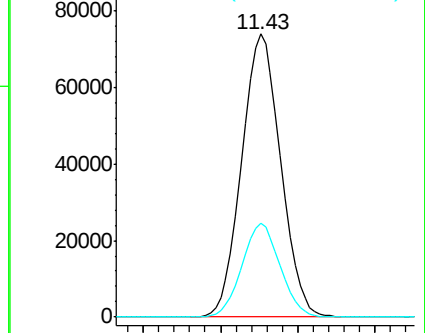
112 100

114 33.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.716 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

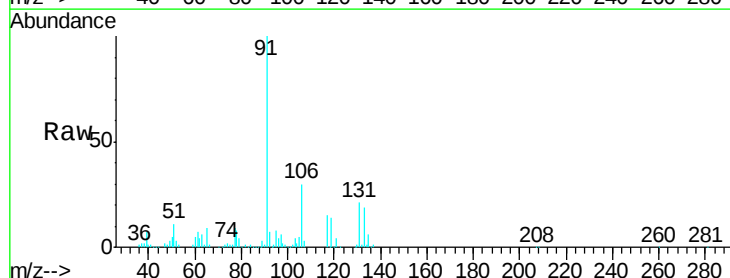
Tgt Ion:131 Resp: 50762

Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.2

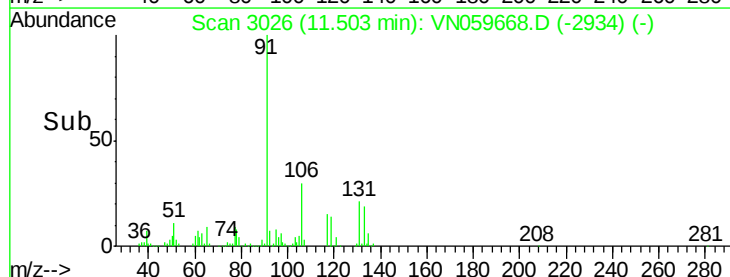
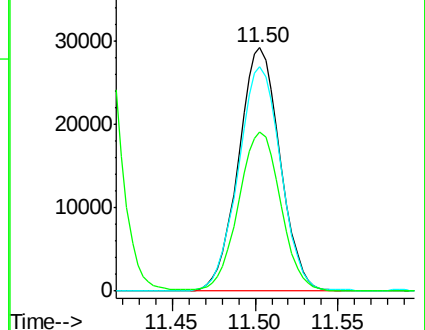
119 66.6 33.1 99.3

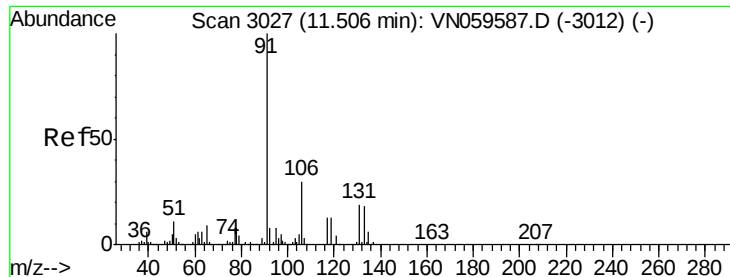


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.341 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

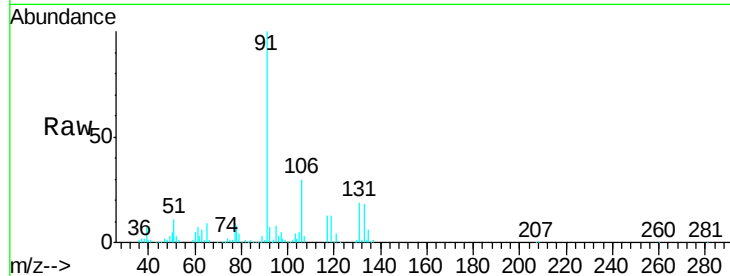
VN1219WBSD01

Tgt Ion: 91 Resp: 236638

Ion Ratio Lower Upper

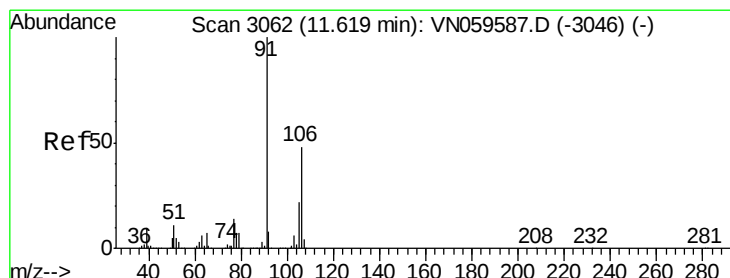
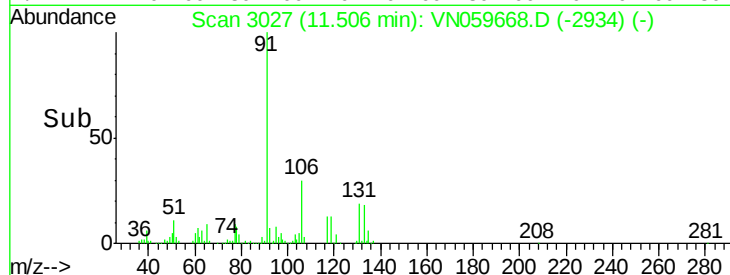
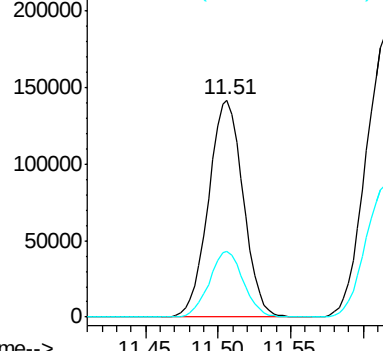
91 100

106 30.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.034 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059668.D

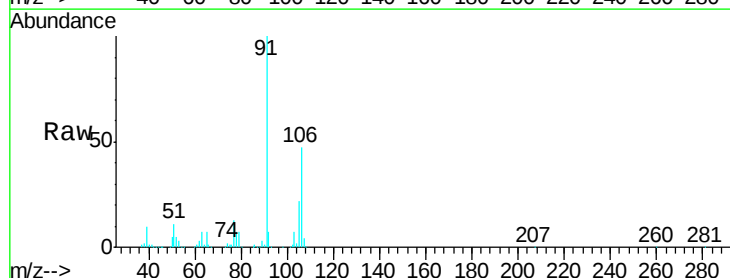
Acq: 19 Dec 2019 13:57

Tgt Ion: 106 Resp: 167321

Ion Ratio Lower Upper

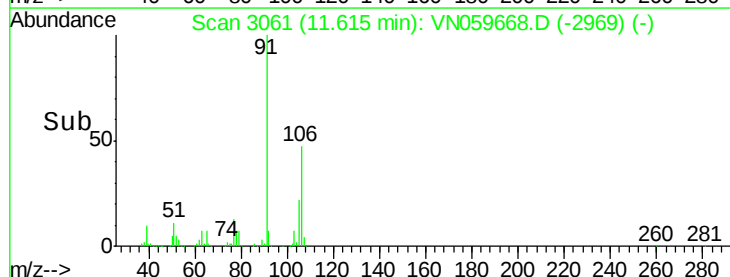
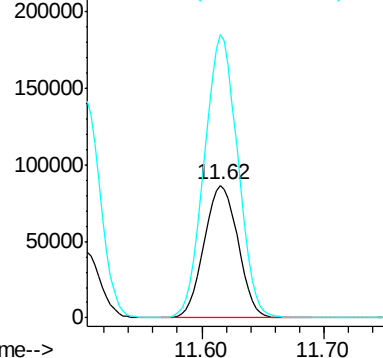
106 100

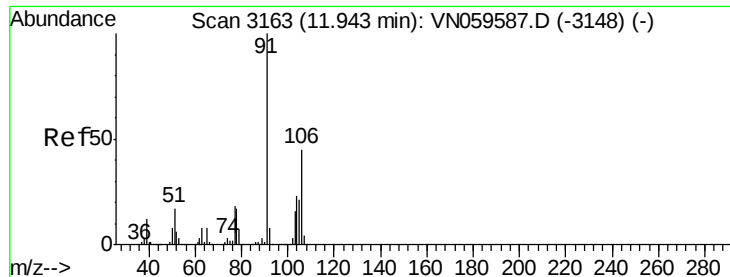
91 210.6 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

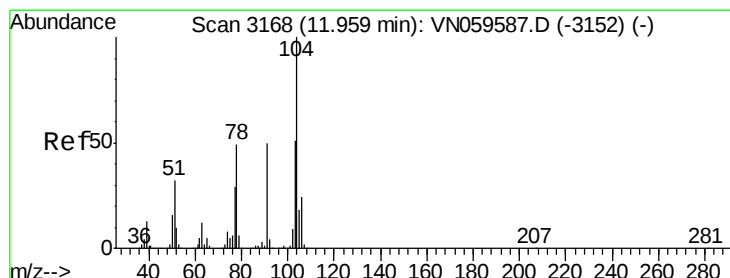
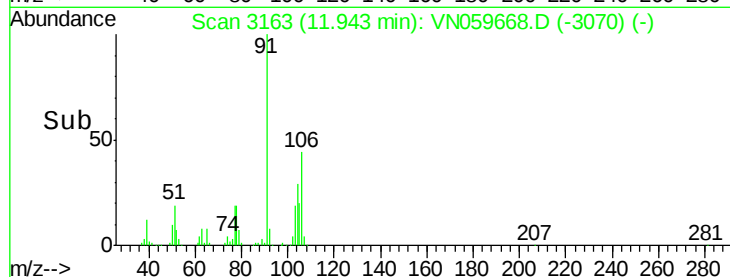
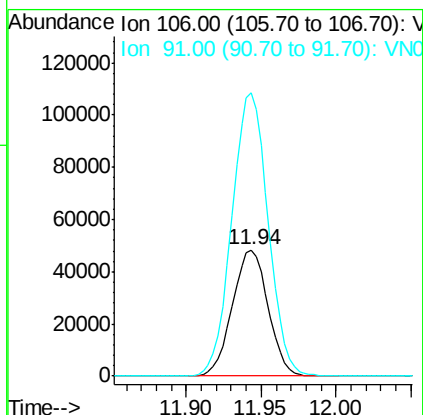
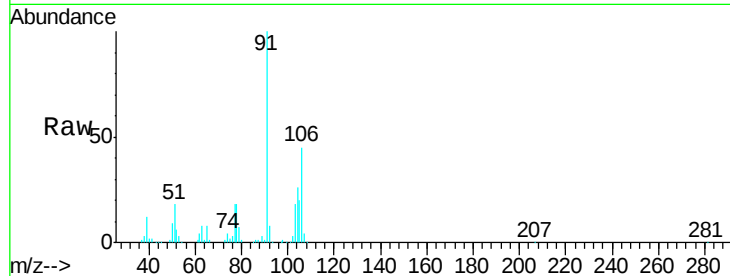




#69
o-Xylene
Concen: 18.712 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

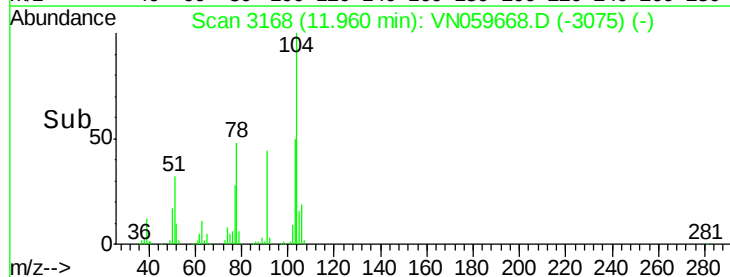
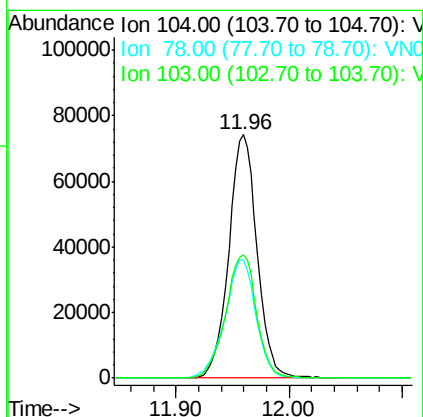
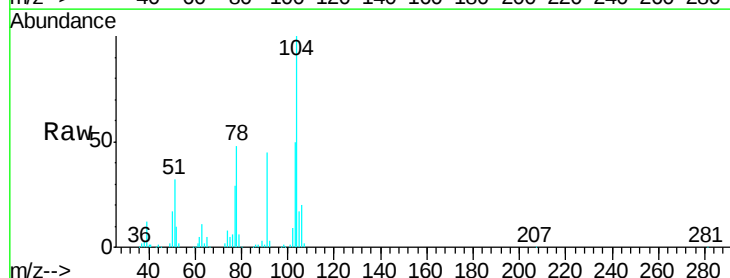
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

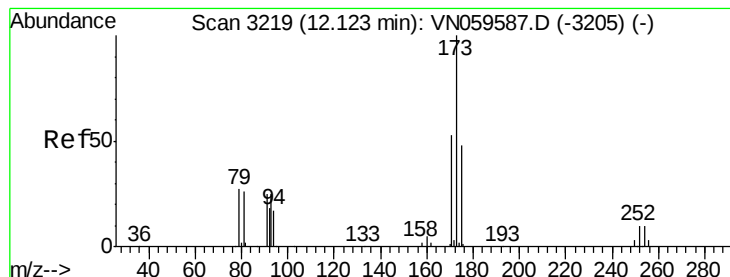
Tgt Ion:106 Resp: 80443
Ion Ratio Lower Upper
106 100
91 227.1 110.3 330.9



#70
Styrene
Concen: 18.675 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion:104 Resp: 128989
Ion Ratio Lower Upper
104 100
78 53.6 42.4 63.6
103 55.6 43.9 65.9





#71

Bromoform

Concen: 19.426 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

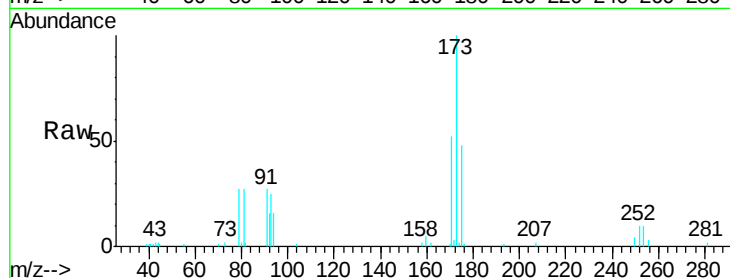
Tgt Ion:173 Resp: 37597

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.4

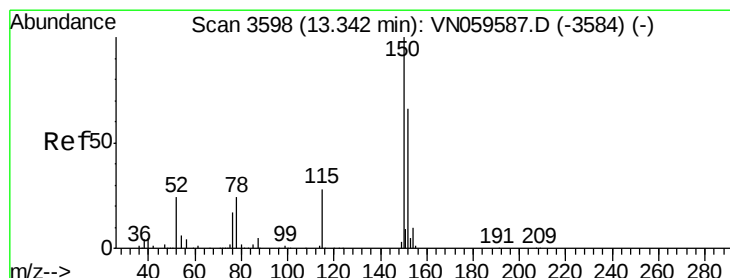
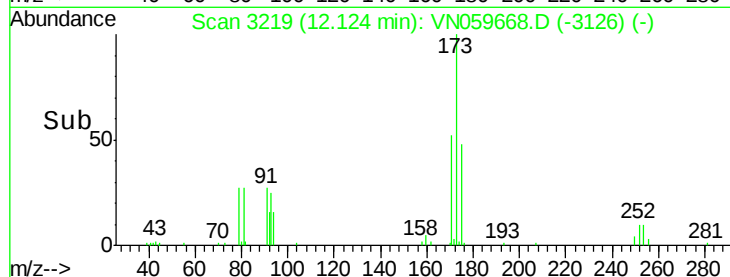
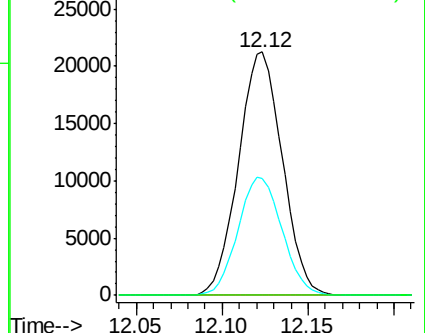
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

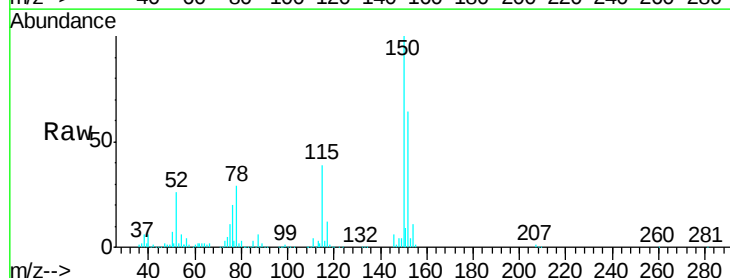
Tgt Ion:152 Resp: 140721

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

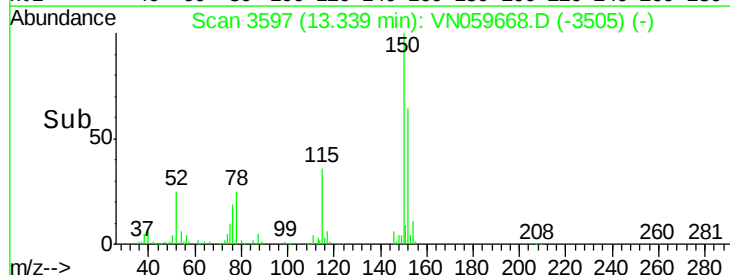
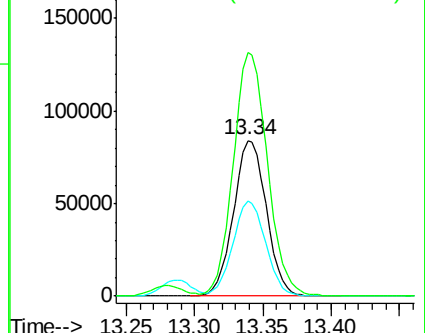
150 163.3 0.0 345.2

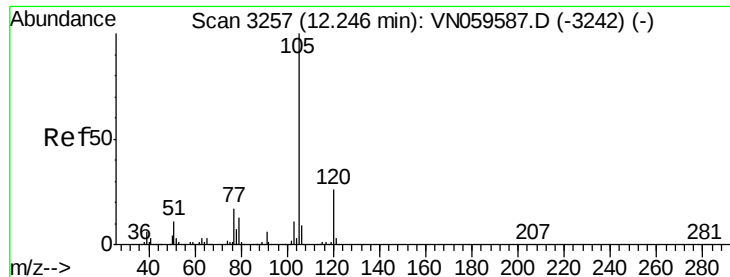


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.787 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

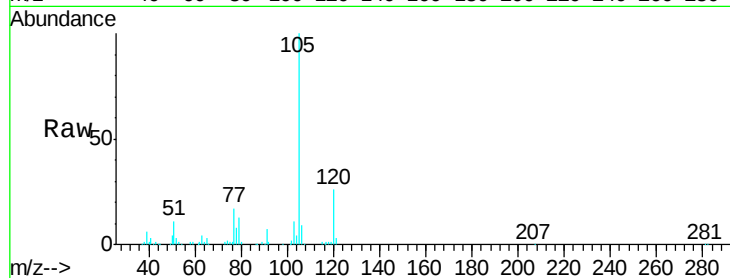
VN1219WBSD01

Tgt Ion: 105 Resp: 218579

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

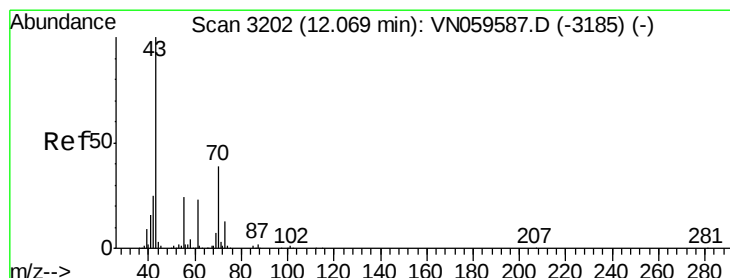
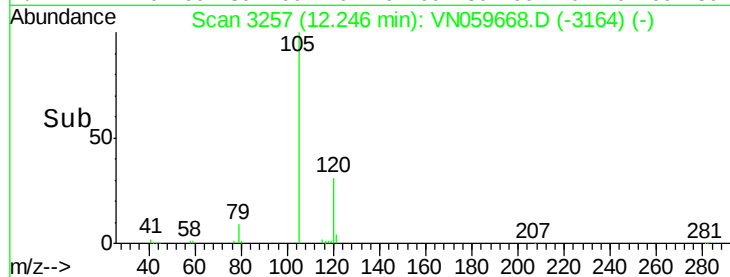
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.081 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Tgt Ion: 43 Resp: 96687

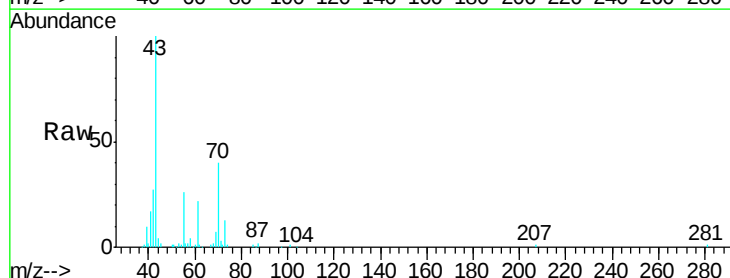
Ion Ratio Lower Upper

43 100

70 39.4 31.3 46.9

55 26.4 19.8 29.6

61 22.0 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

80000

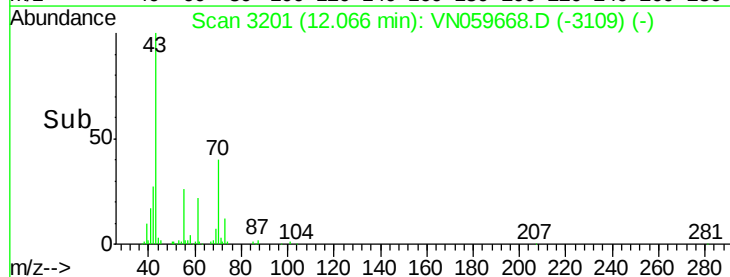
60000

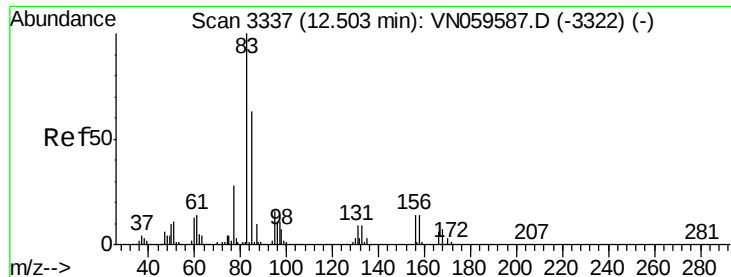
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.016 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

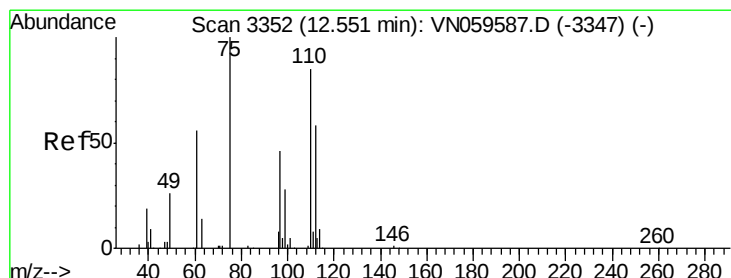
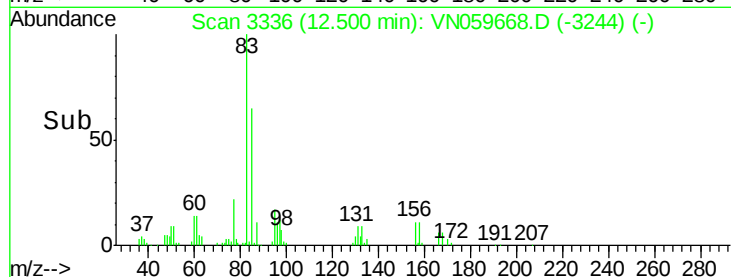
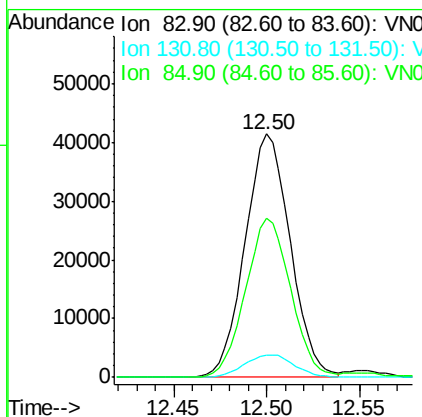
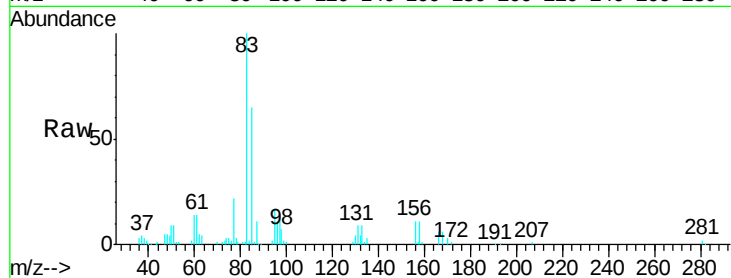
Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion:	83	Resp:	70139
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	65.1	31.9	95.5



#76

1,2,3-Trichloropropane

Concen: 29.659 ug/l

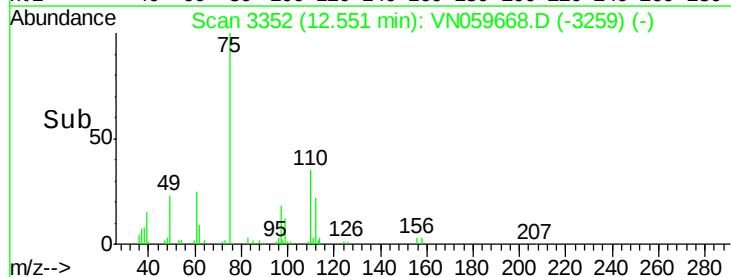
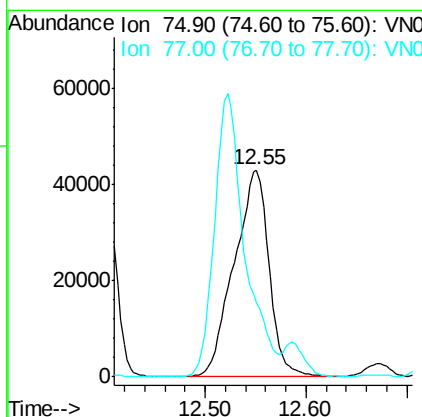
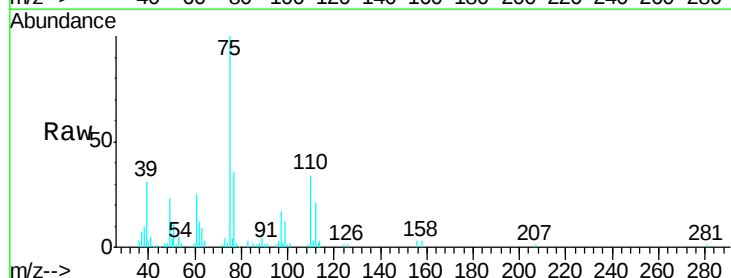
RT: 12.55 min Scan# 3352

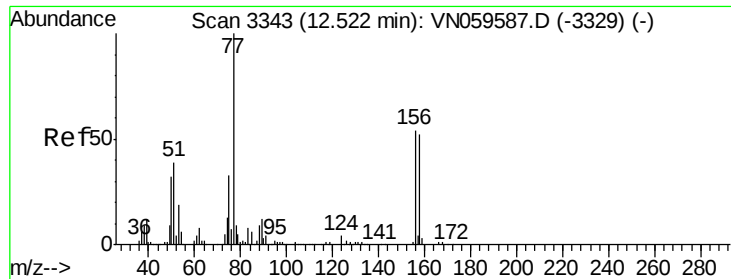
Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Tgt Ion:	75	Resp:	103320
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.249 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

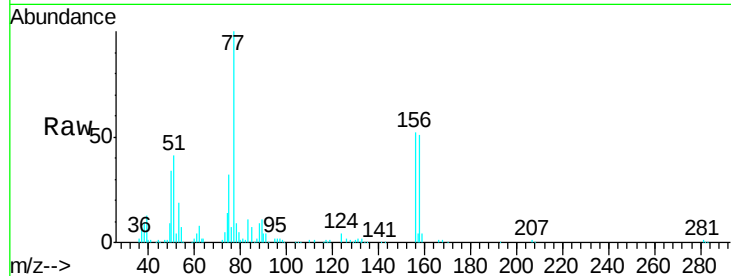
Tgt Ion:156 Resp: 52292

Ion Ratio Lower Upper

156 100

77 236.6 115.8 347.4

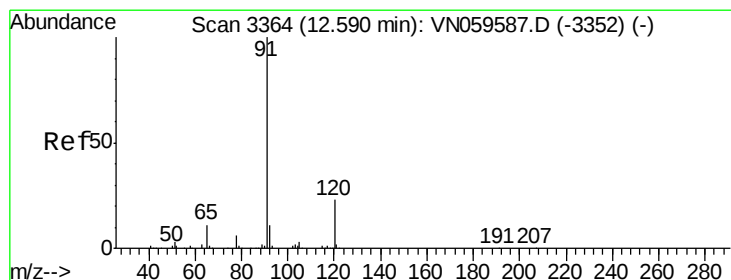
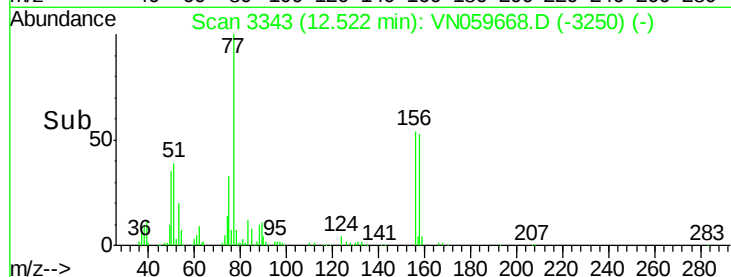
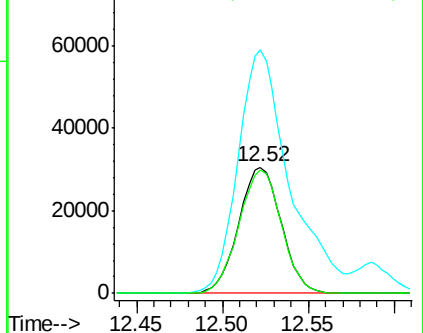
158 98.3 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.851 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059668.D

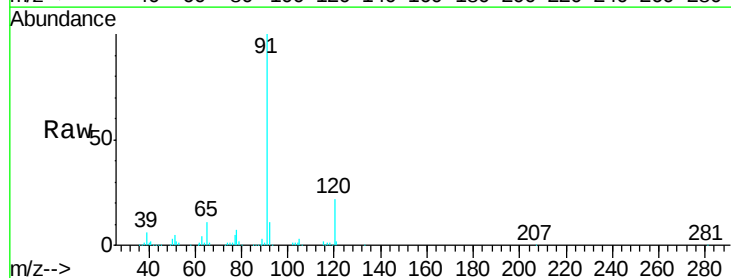
Acq: 19 Dec 2019 13:57

Tgt Ion: 91 Resp: 259210

Ion Ratio Lower Upper

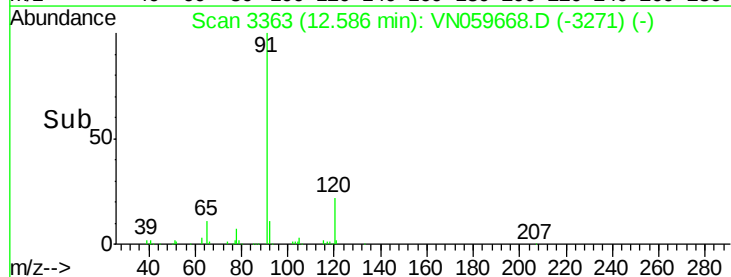
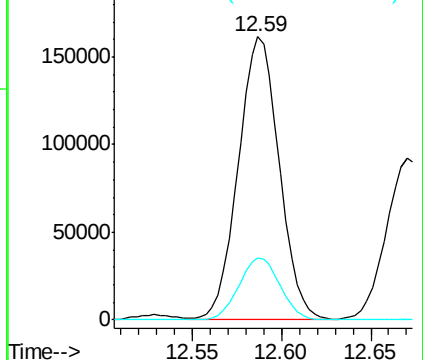
91 100

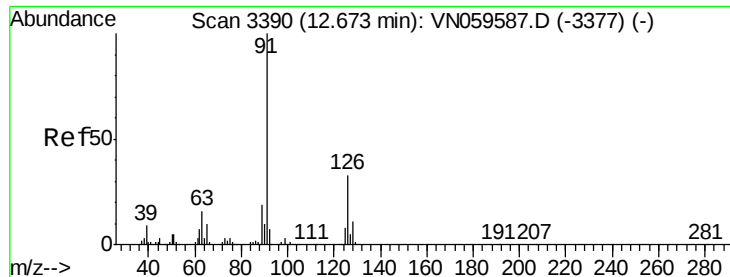
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.851 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

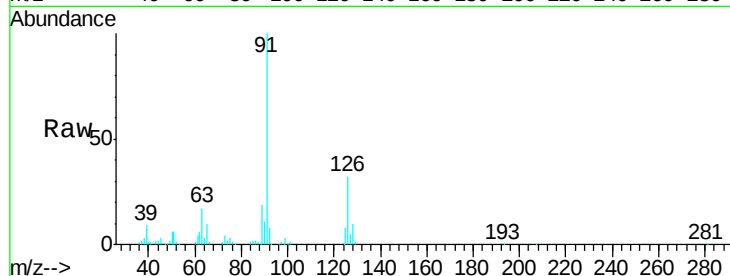
VN1219WBSD01

Tgt Ion: 91 Resp: 156742

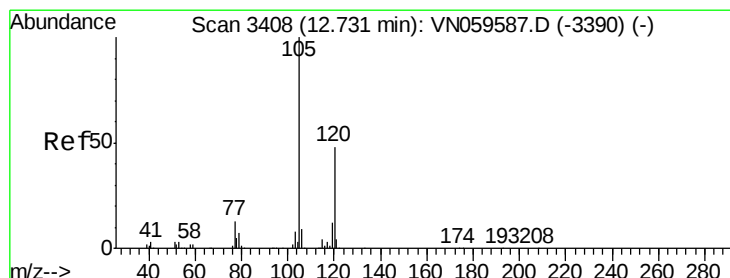
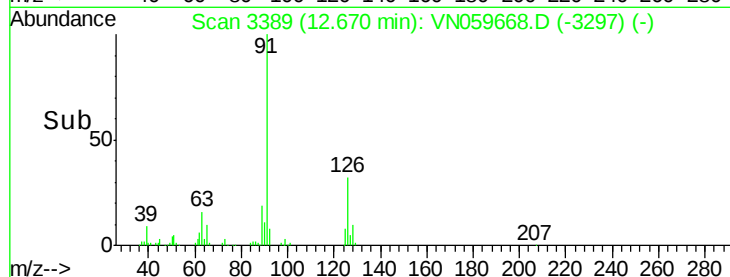
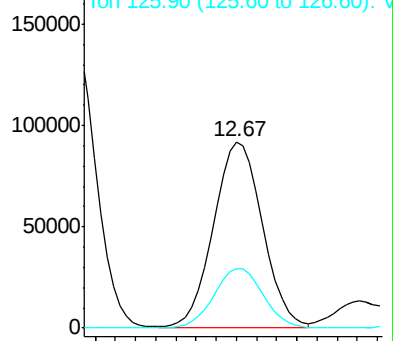
Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.101 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059668.D

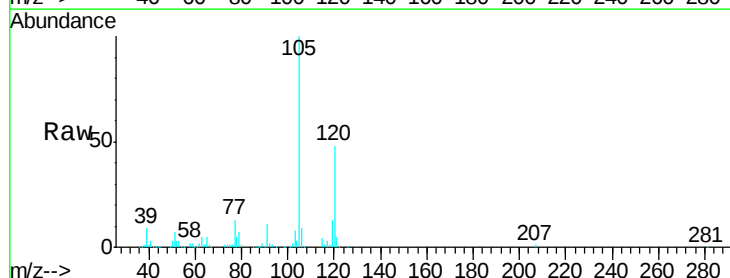
Acq: 19 Dec 2019 13:57

Tgt Ion: 105 Resp: 187907

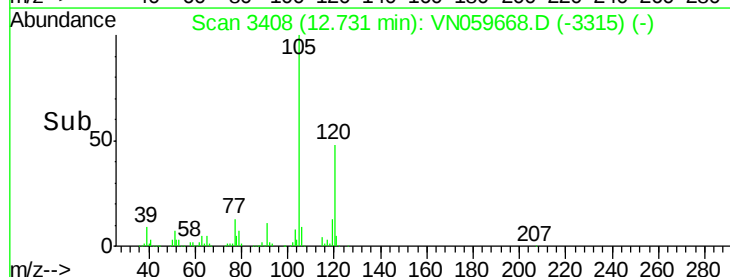
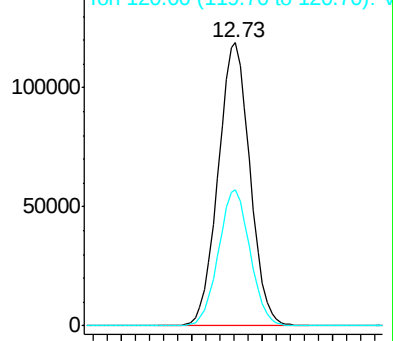
Ion Ratio Lower Upper

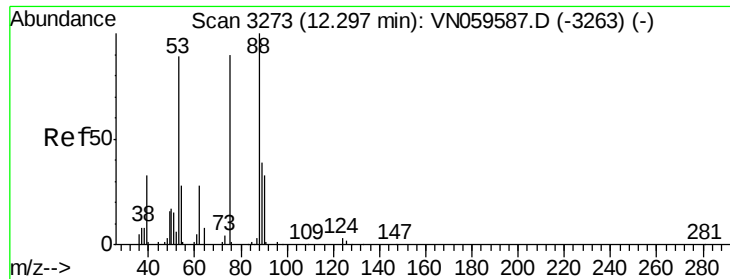
105 100

120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.529 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

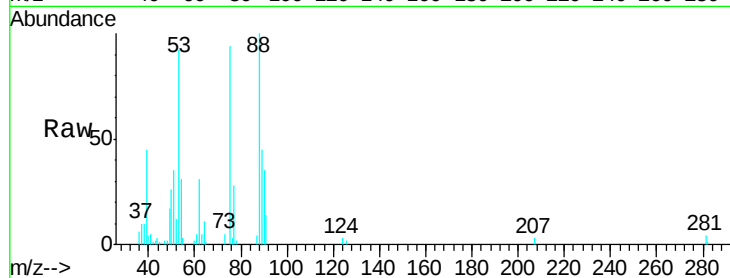
Tgt Ion: 75 Resp: 26134

Ion Ratio Lower Upper

75 100

53 101.7 78.1 117.1

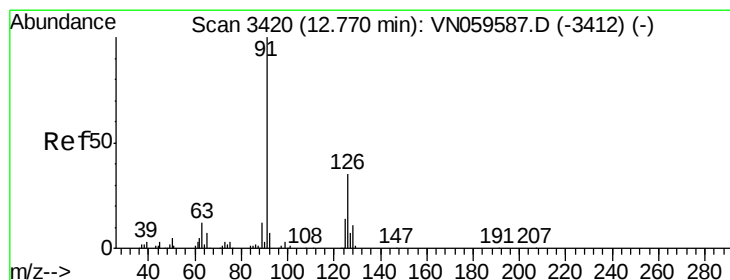
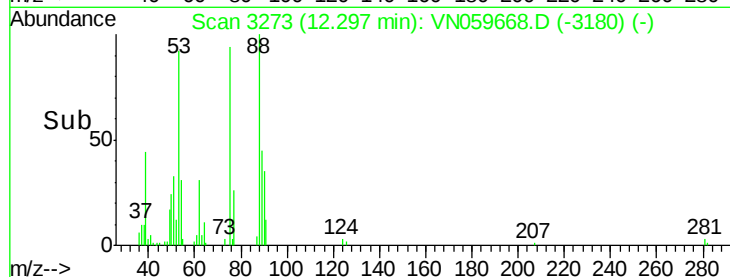
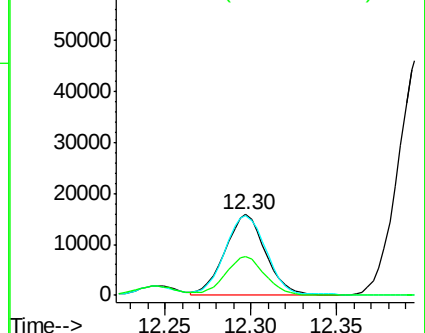
89 46.1 35.4 53.2



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



#82

4-Chlorotoluene

Concen: 19.828 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059668.D

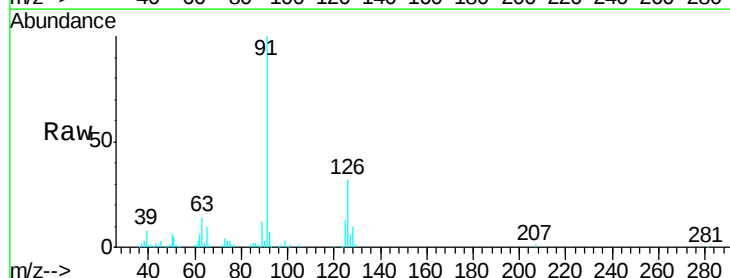
Acq: 19 Dec 2019 13:57

Tgt Ion: 91 Resp: 160305

Ion Ratio Lower Upper

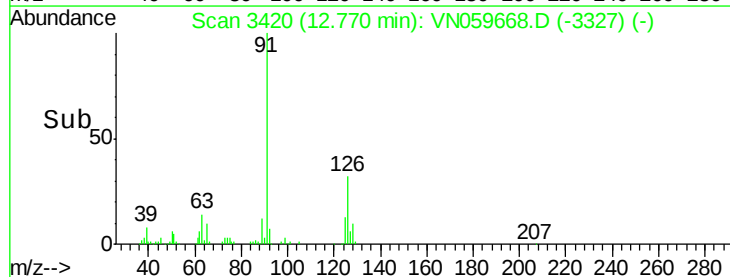
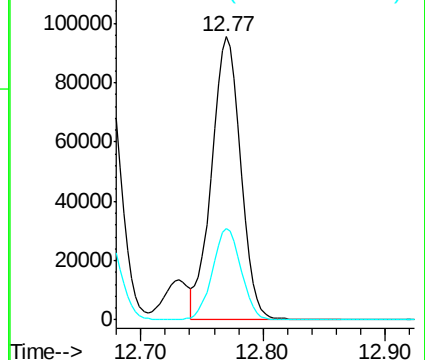
91 100

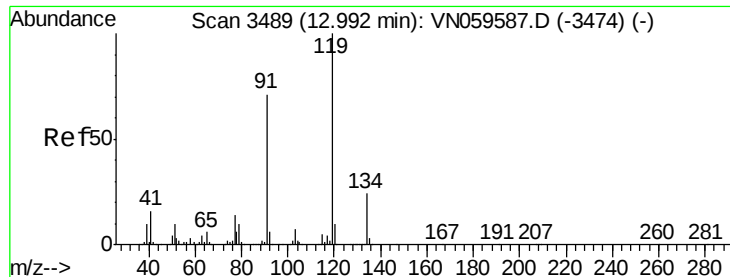
126 31.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

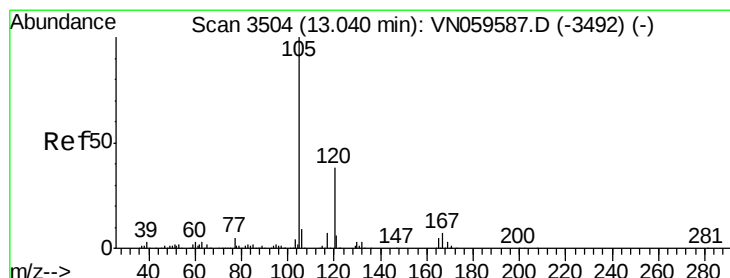
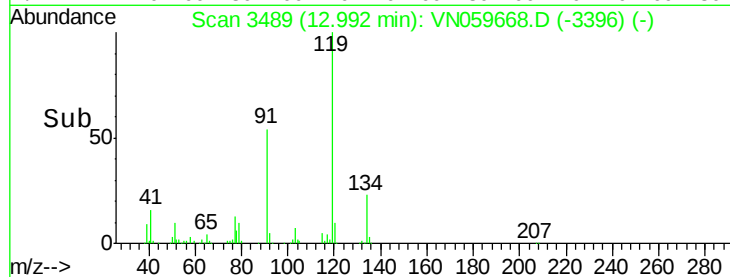
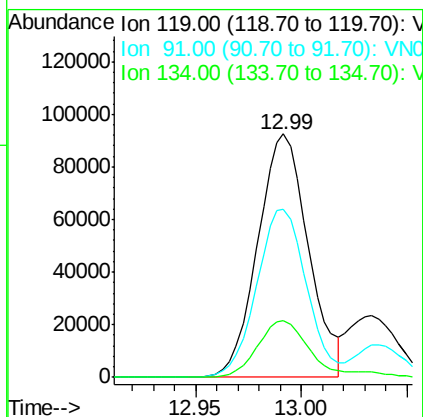
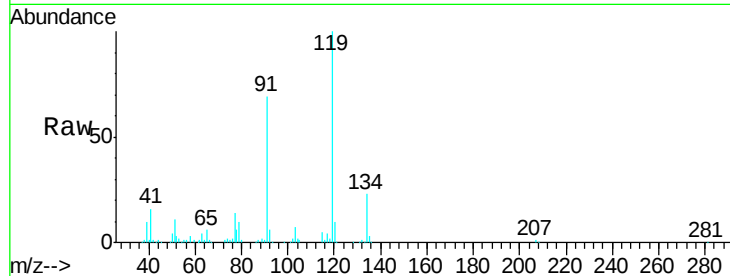




#83
 tert-Butylbenzene
 Concen: 19.522 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

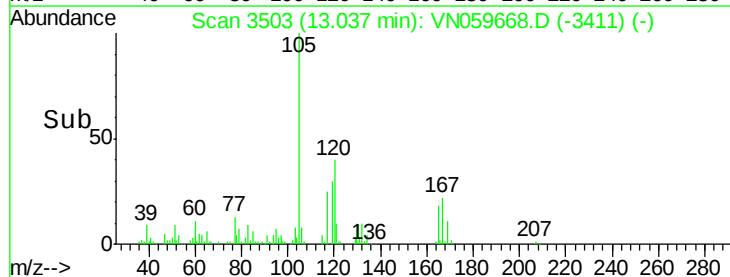
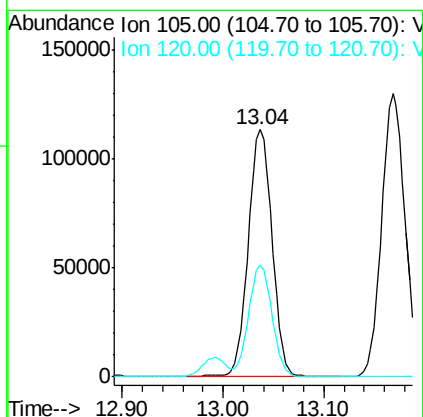
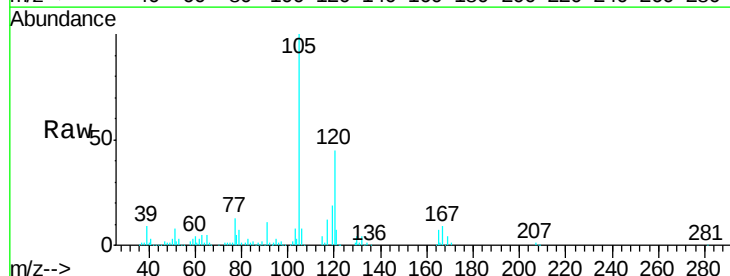
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

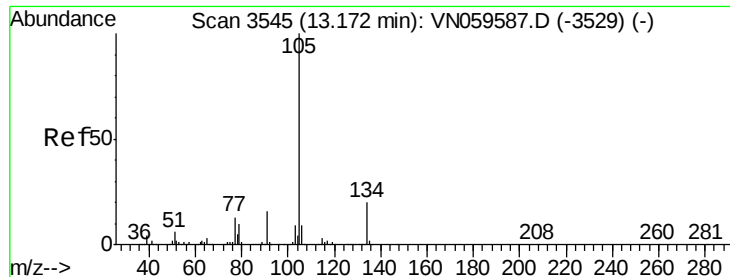
Tgt Ion:119 Resp: 154553
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.8 104.4
 134 24.8 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.883 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion:105 Resp: 184821
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.956 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

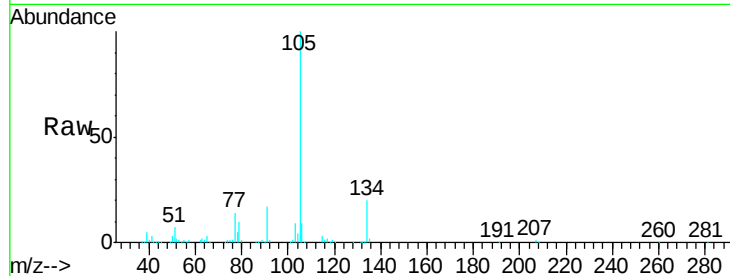
VN1219WBSD01

Tgt Ion:105 Resp: 210151

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

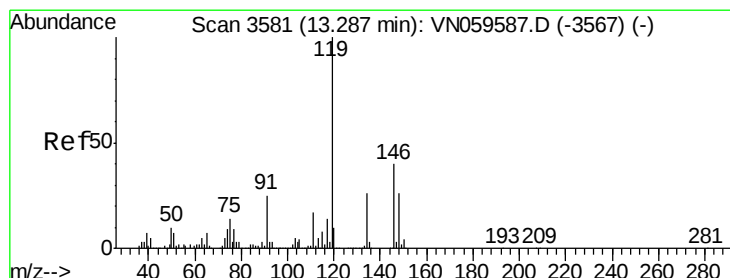
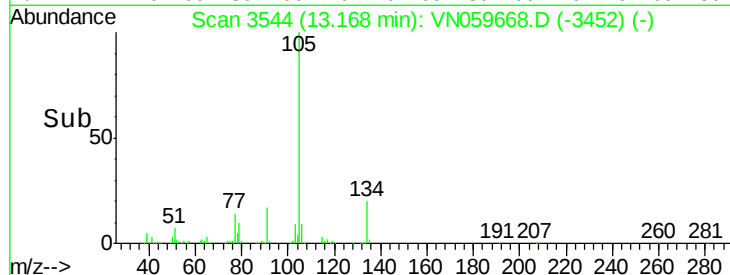
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.217 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

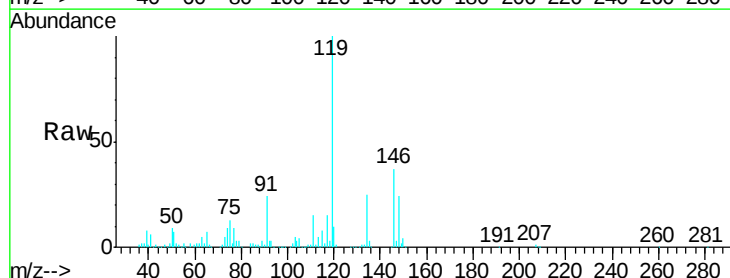
Tgt Ion:119 Resp: 183285

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

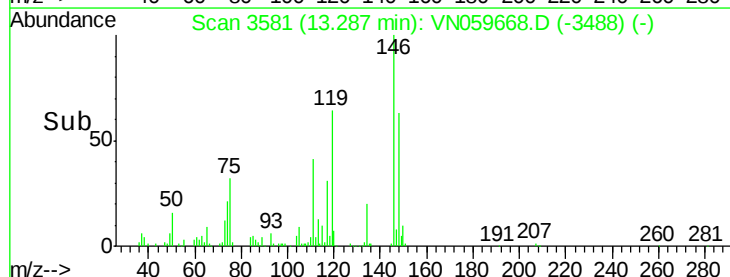
150000

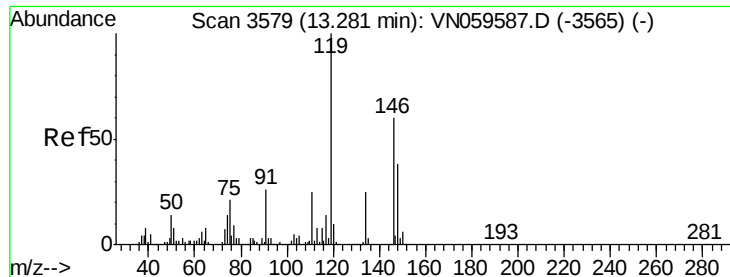
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.533 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

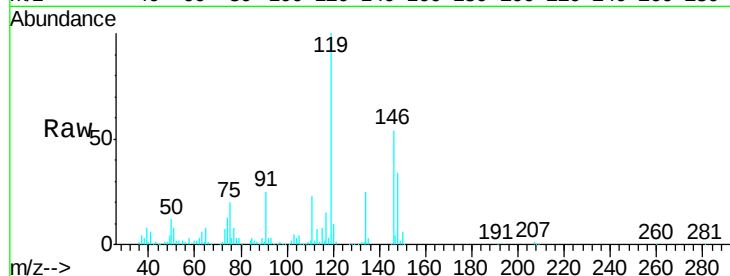
Tgt Ion:146 Resp: 92578

Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.2

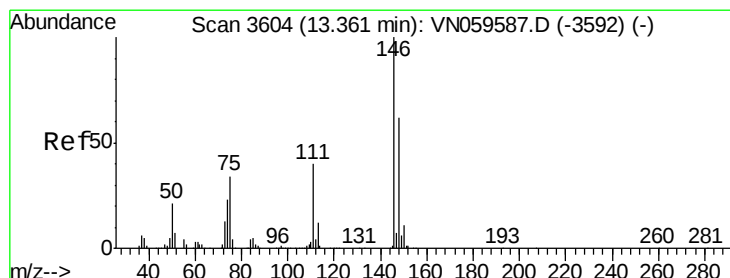
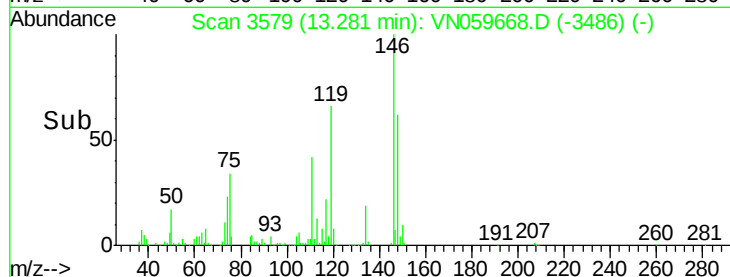
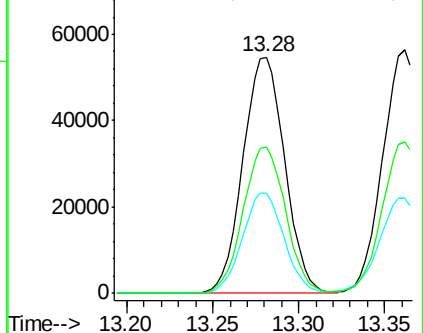
148 62.7 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 18.618 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

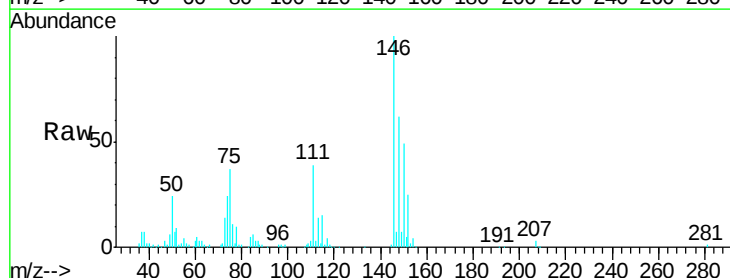
Tgt Ion:146 Resp: 93771

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.2

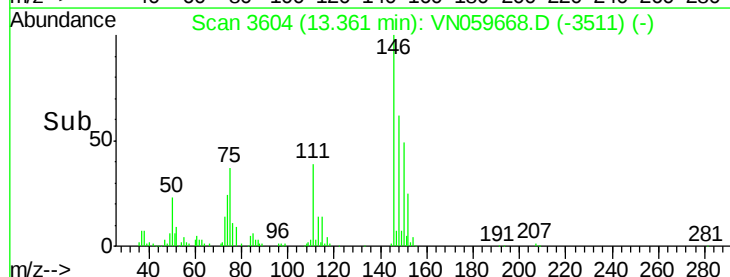
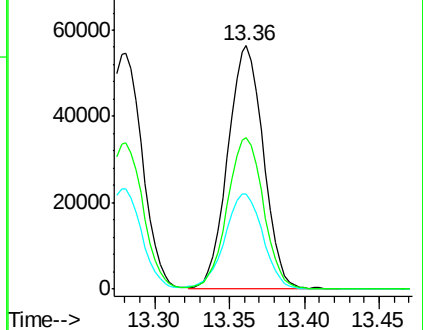
148 63.3 31.8 95.4

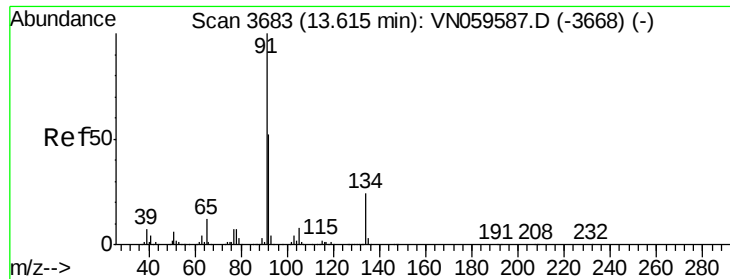


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.501 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN059668.D

Acq: 19 Dec 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

VN1219WBSD01

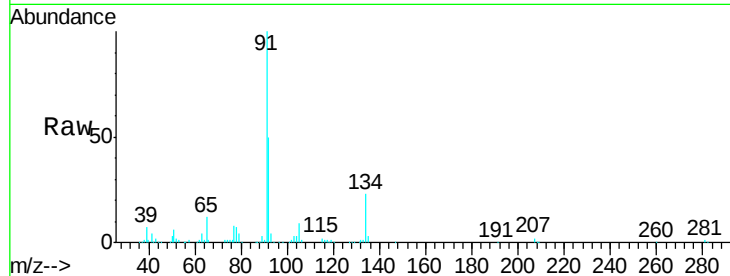
Tgt Ion: 91 Resp: 165440

Ion Ratio Lower Upper

91 100

92 51.0 25.9 77.7

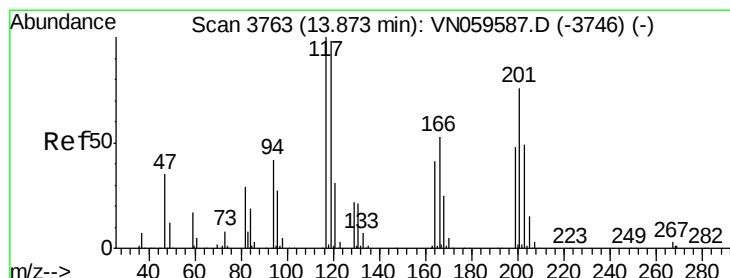
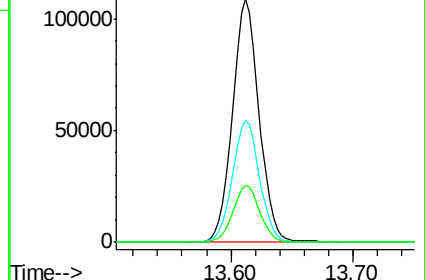
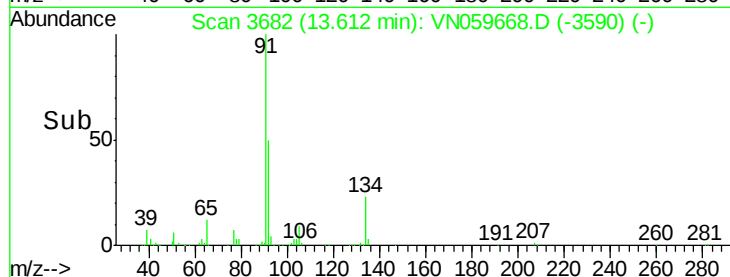
134 23.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059587.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059587.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.913 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059668.D

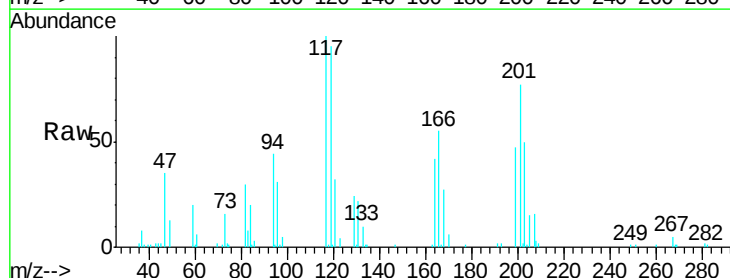
Acq: 19 Dec 2019 13:57

Tgt Ion: 117 Resp: 35900

Ion Ratio Lower Upper

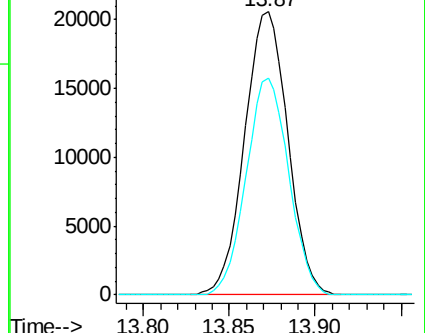
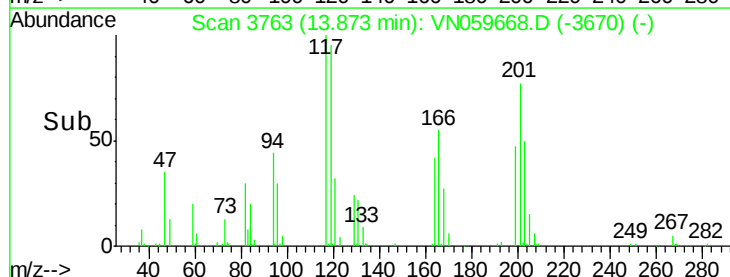
117 100

201 75.3 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059587.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN059587.D (-3746) (-)

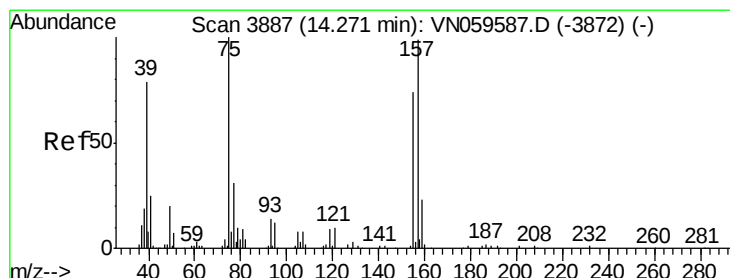
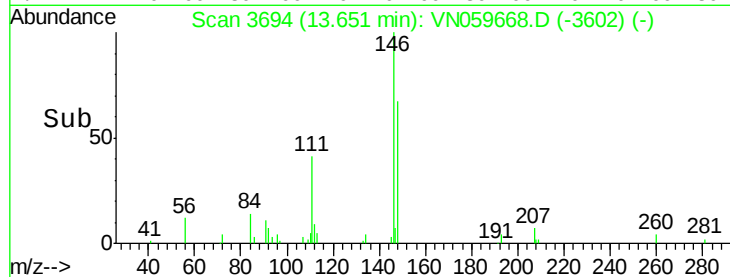
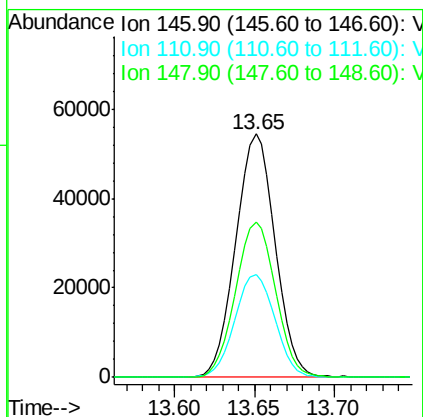
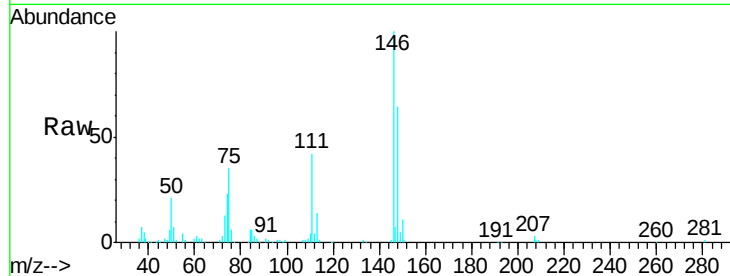




#91
 1,2-Dichlorobenzene
 Concen: 18.533 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

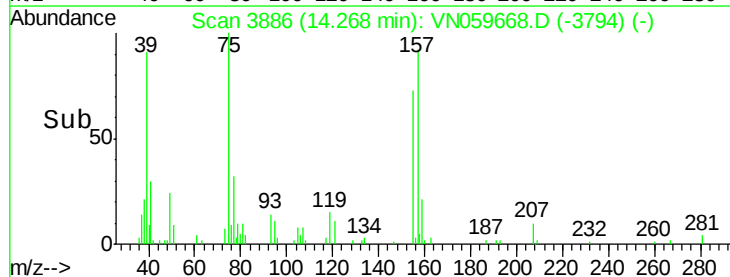
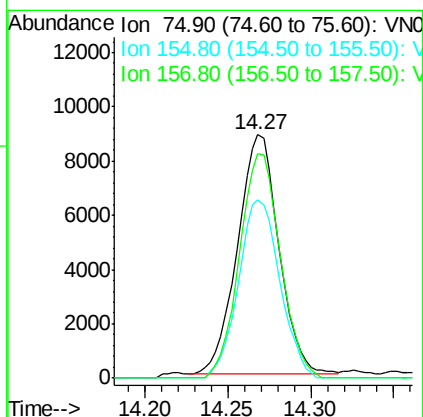
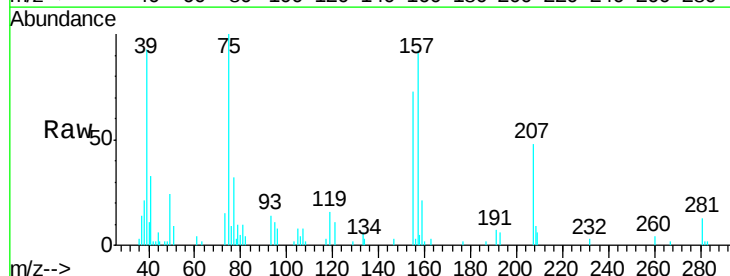
Instrument :
 MSVOA_N
 ClientSampled :
 VN1219WBSD01

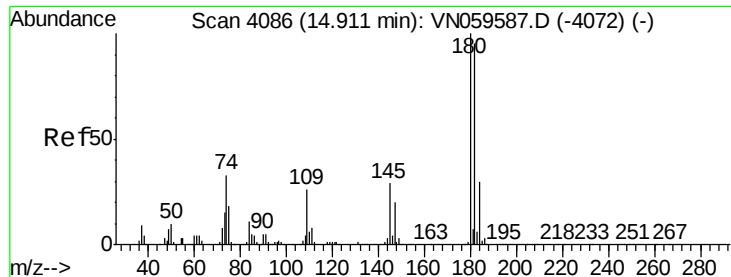
Tgt Ion:146 Resp: 91305
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.8
 148 64.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.715 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion: 75 Resp: 15294
 Ion Ratio Lower Upper
 75 100
 155 74.3 37.0 110.9
 157 92.3 48.4 145.2

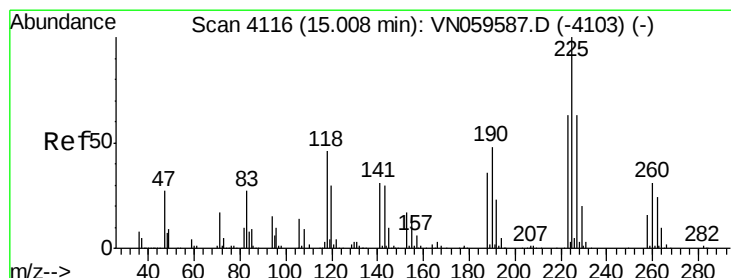
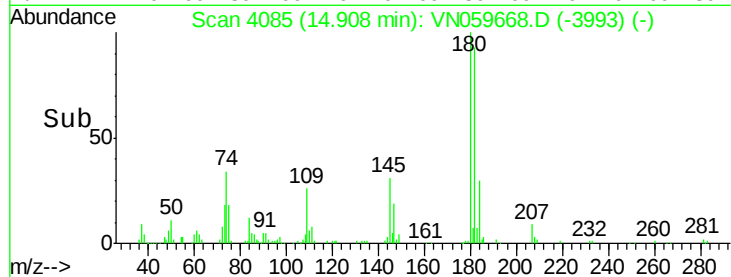
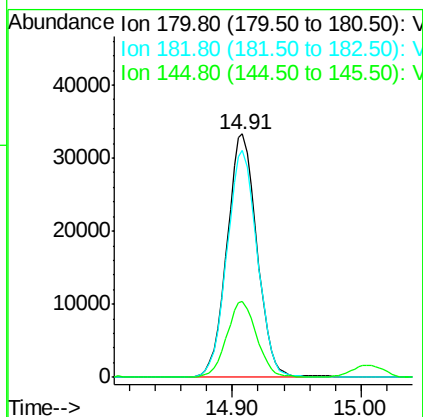
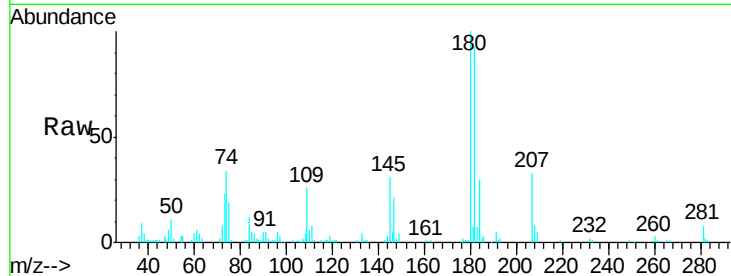




#93
 1,2,4-Trichlorobenzene
 Concen: 16.862 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

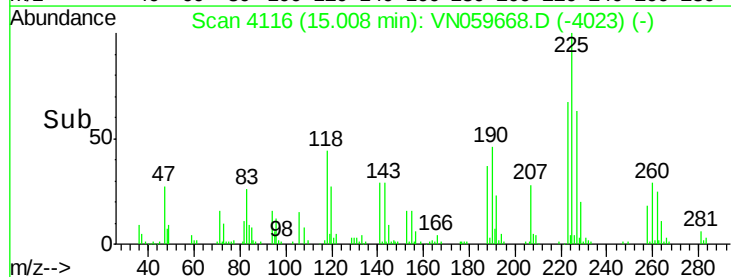
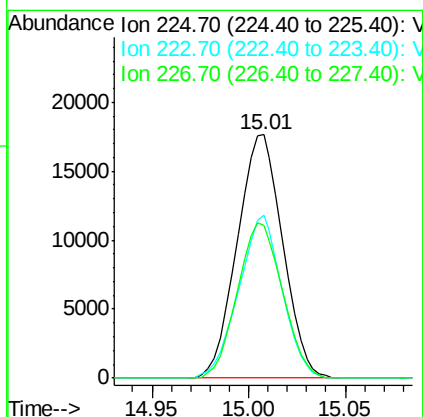
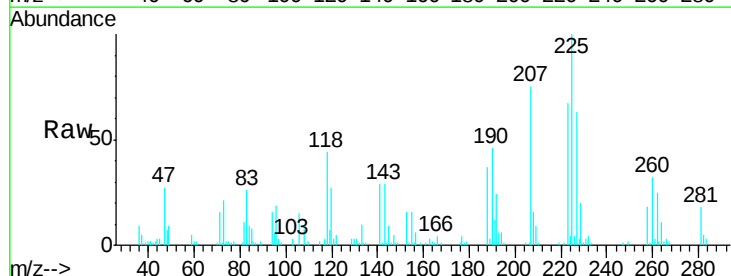
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

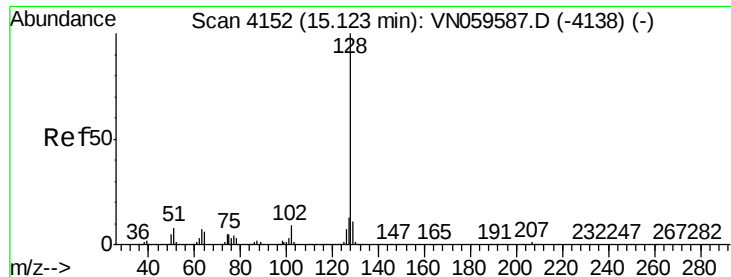
Tgt Ion:180 Resp: 53643
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.7
 145 31.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 17.765 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059668.D
 Acq: 19 Dec 2019 13:57

Tgt Ion:225 Resp: 28834
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.8 95.3
 227 63.0 32.1 96.5

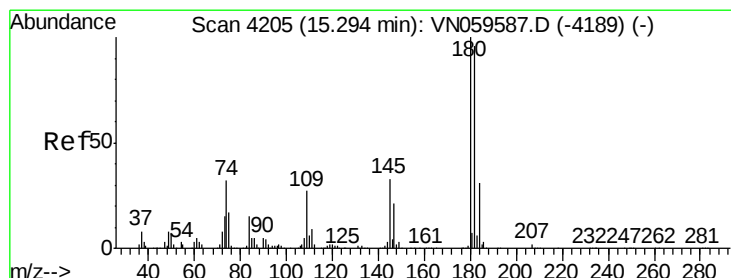
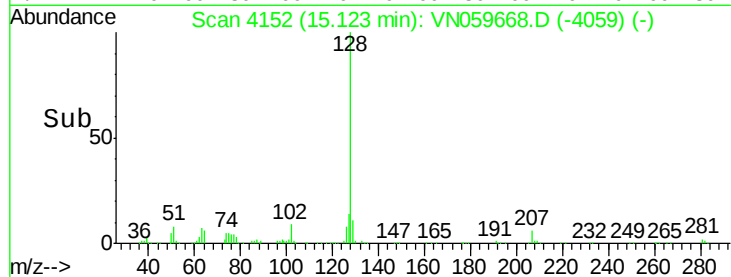
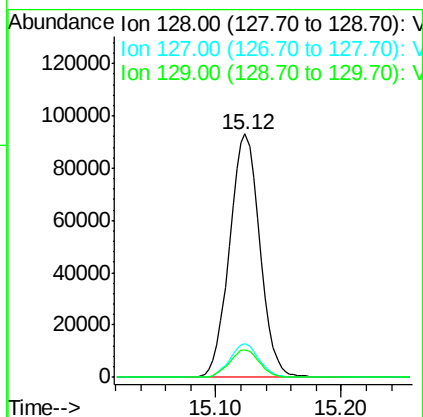
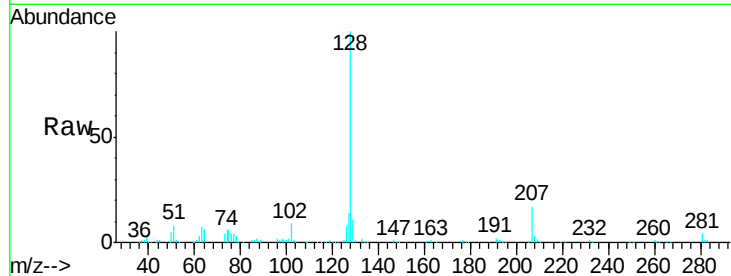




#95
Naphthalene
Concen: 16.431 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:128 Resp: 156048
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 16.968 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059668.D
Acq: 19 Dec 2019 13:57

Tgt Ion:180 Resp: 54594
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 33.1 16.3 48.9

